

This Educational Planning Guide has been published by Carrollton-Farmers Branch Independent School District to help students and parents make course selections. Any questions concerning the Educational Planning Guide should be directed to the student's individual campus.

2015-2016 Educational Planning Guide

CFBISD

2015-2016 Educational Planning Guide



Supporting students on their journey to become:

responsible individuals
life-long learners
complex thinkers
effective communicators

Carrollton-Farmers Branch Independent School District
1445 North Perry Road/P.O. Box 115186
Carrollton, Texas 75011-5186
972-968-6100



Vision Statement

All students will meet the State of Texas Assessments of Academic Readiness (STAAR) at the satisfactory or advanced level and graduate college or workforce ready, without remediation.

Mission Statement

Together with families and community we commit all district resources to guide the learning of each student to graduate as:

- ❖ A responsible individual*
- ❖ A passionate life-long learner*
- ❖ A complex thinker*
- ❖ An effective communicator*

CARROLLTON-FARMERS BRANCH INDEPENDENT SCHOOL DISTRICT
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January 2015

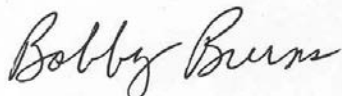
To Students of Carrollton-Farmers Branch Independent School District:

As educators, we are excited about the high school courses we offer in C-FB. The world outside the halls of our high schools is changing with new and expanded opportunities opening in all fields of study and business. This high school course guide has been developed with those changes and opportunities for you in mind. In this course guide, you will find traditional courses as well as new courses we offer in answer to the need for new skills and knowledge voiced by various segments of our community. The purpose of this catalog is to assist you in achieving your goals, whether they are to further your education or to enter the business world immediately upon graduation. Your future is up to you. You set your goals, and we are here to help.

To achieve your goals, you need a plan. An important part of that plan will be developing your high school educational program. This catalog provides a listing of the requirements for college entrance and a recommended high school program designed to meet entrance requirements for the four categories of colleges. For those who would choose a different path, this catalog includes a recommended program to help you enter an occupation upon graduation. These recommended programs are provided as tools for you to customize your plan for achieving your goals.

We believe that this catalog will be useful to you and your parents as you consider your choices and make your plans. Whatever future you choose, your teachers, principal, district administration and board of trustees stand ready to assist you in getting the most value out of your high school years.

Sincerely,

A handwritten signature in black ink that reads 'Bobby Burns'.

Dr. Bobby Burns
Superintendent

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EDUCATIONAL PLANNING GUIDE
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The Texas Legislature will meet in 2015. Consequently, laws and/or requirements may result that would render the procedures in this document obsolete. If this occurs, the campus staff will have the most current laws and/or requirements to inform parents and students as they use this document as a guide.

GENERAL INFORMATION

To ensure involvement, parents are expected to work with their child and school personnel on course selection. Parents should sign approval for their student's choice of courses. Be aware that, because this material is published early in the preceding school year, some changes in procedures, policy, or course offerings may be required.

Enrollment Requirements

Students who meet the criteria for residency in the district may enroll in school. (For further information, see Admissions in the Student Handbook.)

Graduation Requirements

All students shall meet state and local requirements for graduation.

For students entering 9th grade in 2010-2011 or before

To receive a high school diploma, students must pass all state-mandated required tests in English Language Arts, math, science, and social studies. These EXIT tests will be administered during a student's junior year. Students not passing any EXIT test will have multiple opportunities to demonstrate mastery before graduation.

Students must meet the aforementioned credit requirements and pass all EXIT tests to participate in graduation ceremonies.

For students first entering 9th grade in 2011-2012 and thereafter

To receive a high school diploma, students are required to obtain a satisfactory course score* in 5 state-mandated end-of-course (EOC) assessments in each of the four core content areas (English, math, science, and social studies).

The 5 EOC assessments are:

- English I, English II – Reading and Writing
- Algebra I
- Biology
- U.S. History

Students on all graduation plans must meet the aforementioned credit requirements and pass all EOC tests to participate in graduation ceremonies.

Released Time Regulations

Students of the Carrollton-Farmers Branch Independent School District shall be enrolled during the designated daily attendance period and fulfill the following attendance requirements.

FRESHMEN, SOPHOMORES, AND JUNIORS

- Must be enrolled on campus for a full schedule
- No release time except as provided in administrative procedures

SENIORS

- With parent permission and administrative approval, seniors may have one period out if they are on track for graduation
- Out periods for seniors are scheduled at the beginning and/or end of the school day. Students enrolled in Career Technology Education Career Prep classes will receive additional release time to report to work.

Awarding of Credit

Reclassification of grade levels is made at the beginning of each school year. Students who have not been promoted to a higher grade due to lack of credits may be eligible for reclassification at the end of the first semester.

Students are classified according to the number of credits they have earned.

CLASSIFICATION CREDIT REQUIREMENTS	
High School Entry Year 2007 and Thereafter	
Sophomore	6 credits
Junior	12 credits
Senior	19 credits

High School Courses Taken Prior to Grade 9

Grades awarded for high school credit taken prior to grade 9 shall be included in the grade average or GPA and shall be used to determine high school rank in class.

Denial of Credit

Students must be in attendance at least 90% of the time a class is in session to receive credit. (*Texas Education Code 25.092*) The actual number of days a student must attend in order to receive credit will vary, depending on the number of days in the semester. A student who attends fewer than 90% of the days the class is offered cannot receive credit for the class unless the Attendance Committee finds that the absences are the result of extenuating circumstances.

Schedule Changes

Changes in a schedule or a course may be made only on the published days before the start of the semester. Requests for schedule changes may be honored for the following reasons:

1. Error in scheduling;
2. Student failure in a prerequisite;
3. Change in program (athletics, band, choir, etc.); and
4. Level changes as recommended by teachers and counselor with parental knowledge and administrative approval.

Requests not meeting the listed reasons will not be considered. It should be understood that a schedule change to help balance a classroom enrollment will be done as needed. Appeals on schedule changes will not be heard beyond the building principal.

Canceling of Courses

The Carrollton-Farmers Branch Independent School District reserves the right to cancel any course if pre-registration indicates insufficient enrollment or if certified staff are not available to teach the course.

Using Guidance Services

The guidance department is an integral part of the overall school program. Counselors are available on school days to assist you in your needs in the following areas:

1. Provide guidance curriculum in a systematic way to all students;
2. Provide responsive services to address the immediate concerns of students; and
3. Provide individual planning to assist students in planning for the future.

Correspondence Courses

Correspondence courses may be taken for first time credit or credit recovery. Credit to fulfill state graduation requirements may be granted for correspondence courses only under the following conditions.

1. The institutions offering the courses are the University of Texas at Austin, Texas Technological (TECH) University, or other public institutions of higher education approved by the Commissioner of Education.
2. The correspondence course includes the state required TEKS for the course.
3. Students may earn a maximum of three state-required credits through correspondence courses and may be enrolled in only one correspondence course at a time.
4. Grades earned from correspondence courses shall not be computed for determining class rank.

ADDITIONAL COURSE CREDIT OPTIONS

Credit by Examination

Carrollton-Farmers Branch ISD offers two types of Credits by Exam (CBE): Credit by Exam for acceleration and Credit by Exam with prior instruction.

Credit by Exam for acceleration

A student in any grades 6-12 can earn credit for a course in which he or she has had no prior instruction if the student scores:

- Three or higher on an approved AP exam
- Scale score of 60 or higher on CLEP exam
- Minimum score of 80% on approved CBE

Credit by Exam with prior instruction

A student in any grade 6-12 may be given credit for an academic subject in which he or she had some prior instruction if the student earns a minimum score of 70%.

What is considered prior instruction?

- A full course taken previously and not received credit due to a failing grade or absence failure
- A course taken from a non-accredited school
- A course taken at an equivalent agency from another state
- A course taken from an accredited association recognized by the Commissioner of Education

Additional Guidelines for CBE:

1. Administrative approval is needed for a student to take a Credit by Exam.
2. A Credit by Exam is administered in a secure testing environment by a professional staff member designated by the principal. Exams are administered on non-school time.
3. The first option for Credit by Exam is Texas Tech University or The University of Texas at Austin. An additional option for selected courses and Credit by Exam with prior instruction is a District CBE.
4. Grades earned for taking Credit by Exam courses shall not be computed for determining class rank but do appear on the student transcript.
5. A student may not attempt to earn credit by examination for a specific high school course more than two times. The second attempt for a CBE cannot occur within the same three month testing window as the first administration.
6. Students are expected to review the course study guides on the university websites prior to testing as some content areas, such as English Language Arts, have pre-exam activities or reading assignments that must be completed outside of the testing environment before taking the Credit by Exam.
7. Initial Eligibility for NCAA will not count for CBE remediation.

Per TEA §74.24, CBE testing is scheduled a minimum of three days during each of the following calendar dates:

- January 1- March 31
- April 1-June 30
- July 1-September 30
- October 1-December 31

Recovery Lab

Students may repeat a course for credit recovery using C-FB approved software on the high school campus. Administrative approval is needed for a student to recover a credit. Grades earned for completing courses with District approved software shall not be computed for determining class rank. This is not accepted for NCAA eligibility.

Summer School

Summer school begins by the middle of June. A student may earn a maximum of ½ credit for each semester for a total of 1 credit in summer school.

Students may repeat any course offered in summer school when credit was not earned during the regular academic year. Students may take selected courses for acceleration according to summer school guidelines and administrative approval for foundation courses.

Additional Guidelines:

1. Tuition will be determined and registration information will be available in the counselors' office at each high school after spring break.
2. No registration forms will be accepted without a counselor's signature. Students must arrange to make tuition payments according to the dates, times, and sites listed in the information packet available in the counselors' office. Students are not officially enrolled in any course until the tuition is paid in full.
3. Due to the limited number of class days in summer school, attendance is extremely important. A one-day absence in summer school is roughly equivalent to missing one week during the regular term. Partial absences accumulate in the same manner as full absences.

Accelerated Instruction for End of Course (EOC) assessments

A summer school program is available for students who do not meet the Level II (Satisfactory) criteria established by the Texas Education Agency (TEA). At this time, students will be provided accelerated instruction at no cost to the student to prepare them for retesting opportunities.

Evening High School

The district provides an opportunity for students to recover credit or earn credit in selected foundation courses for the first time by attending evening school. Courses follow a college course format of attending 3-1/2 hours per evening. Availability of courses is determined by student interest.

Additional Guidelines:

1. Students may pick up their registration form from their school counselor; the form must be signed by the counselor for admittance to the program.
2. Individuals who have not completed a high school diploma are eligible to attend the C-FB Evening High School.
3. Students must attend each evening that the class is scheduled to earn credit. A student is dropped after the second absence and tuition is not reimbursed.
4. Students must pay tuition to attend the C-FB Evening High School.

Virtual Campus

The C-FBISD Virtual Campus is designed to provide extended and flexible learning opportunities for students through a web-based course option. The independent Internet access enables students to access the high school courses online, on their own time, wherever access is available to the Internet and a computer. Other courses are offered only upon counselor request to meet scheduling requirements for students. Course descriptions and registration information is located on the Virtual Campus website at www.cfbonline.org.

SPECIAL PROGRAMS

Newcomer and ESOL Program

The English as a Second Language program in Carrollton-Farmers Branch ISD follows the curriculum framework of the district. The purpose of English for Speakers of Other Languages (ESOL) is to instruct students who speak another language and have been identified to benefit from this program in the basics of the English language.

The Newcomer course is designed to provide instructional opportunities for secondary recent immigrant students with little or no English proficiency. Newcomers less than 12 months in U.S. schools who have scored at the limited English level of the state approved English oral language proficiency test, will be enrolled in a Newcomer's English Language Development Course (NELD) before enrolling in ESOL I. NELD will be issued as a local elective credit for each of the first two semesters. The development of communicative competence occurs through targeted lessons based on students' needs, although language proficiency is the focus of instruction. Both course offerings enable students to become increasingly more proficient in English in all four language domains. Teachers validate students' native language and culture as a valuable resource and as a foundation to attain the target language developing language, survival vocabulary, and the basic building blocks of literacy for newly arrived and preliterate students.

Special Education Program

Special Education Services are available for eligible students in Carrollton-Farmers Branch ISD who have an identified disability and a need for specially designed instruction.

The campus Safety Net Acceleration Planning (SNAP) team can refer a student for a complete evaluation, at no cost to the parents, to determine if the student meets eligibility for special education services.

Carrollton-Farmers Branch provides a continuum of service options to assure that students with disabilities are successful.

Section 504

A 504 Plan lists accommodations related to the child's disability. A child may be eligible for accommodations under a 504 Plan if he or she has a physical or mental health disability that impacts one or more major life functions.

Students with Dyslexia and Related Disorders

TEC 38.003, TAC 74.28, the Rehabilitation Act of 1973, Section 504 as amended in 2008, the Americans with Disabilities Amendments Act and the Individuals with Disabilities Education Act of 2004 (IDEA 2004) mandate that districts provide programs for students with dyslexia and related disorders.

Dyslexia support programs in Carrollton-Farmers Branch I.S.D. have been designed to offer an educational option for both regular and special education students who:

- exhibit primary difficulties in phonemic awareness, single-word decoding, reading, fluency, spelling, comprehension, and written expression and
- have an educational diagnosis of dyslexia.

Student screening, identification, placement, and monitoring procedures are designed to ensure that students receive the most appropriate support to address their identified needs. Screening for dyslexia may be initiated by teachers or by parents. Parents seeking information about dyslexia support programs in C-FB ISD should contact the dyslexia coordinator/support teacher at their child's campus.

Advanced Academic Services

Introduction:

Carrollton-Farmers Branch ISD's gifted and talented programs are designed to challenge the gifted learner who demonstrates the need for an augmented curriculum. Typically, gifted students differ from their age peers in three important ways. First, they absorb information at a faster rate and process it very efficiently. Second, they are often able to comprehend information with greater depth than their classmates, showing greater insight and understanding. Third, they often have interest that is more typical of older children or even adults. These three learning differences are frequently enhanced by other complementary characteristics: independence, persistence, nonconformity, and motivation.

Program Description:

The Carrollton-Farmers Branch ISD demonstrates its commitment to educational excellence through the comprehensive programs developed for gifted and talented students in kindergarten through twelfth grade. Having a child-centered education program as its primary goal, the Carrollton-Farmers Branch ISD offers a two tiered multifaceted level program. These services are offered through the Academic Creative Education (ACE) program and the Leading Exceptional Academic Producers (LEAP) program. The structure of the district's programs form an inverted pyramid model beginning as a broad base designed to discover and nurture the intellectual talents of the young child and gradually move into specific specialized course offerings. Classroom teachers who work with gifted students are required to receive at least 30 hours of training in gifted education.

Academic Creative Education (ACE)/Leading Exceptional Academic Producers (LEAP)

At the high school level, ACE and LEAP students are offered Global/AP Human Geography and World Experience/AP World History which combines both their English credit and an AP level Social Studies curriculum. Other opportunities for gifted and advanced learners include Pre-Advanced Placement, Advanced Placement, Pre-Diploma International Baccalaureate, or International Baccalaureate. Gifted students may also choose to apply to attend one of the academies offered: Biomedical Science, Media Arts and Technology, Math-Engineering-Science Technology (METSA), Law and Criminal Justice, or International Business Academies.

Referral:

A student may be referred for gifted and talented services by teachers, parents, administrators, counselors, students and other members of the community who believe the student may qualify for gifted and talented services. Identification of students is conducted not to label students but to determine which students require program alterations because of their unique educational needs.

**Referral forms may be obtained at the student's campus through the principal or counselor's office.*

Advanced Placement and Pre-Advanced Placement Courses

What is Advanced Placement (AP)?

The Advanced Placement Program (AP) allows prepared students to take rigorous college level courses while still in high school. Student can choose to undertake college-level academic learning in a wide array of content areas: English, Math, Social Studies, Science, Fine Arts, and World Languages. To show that they have mastered the advanced material, students participate in taking the AP exam for each course. Through these world-wide exams, students have the opportunity to receive credit from colleges and universities that participate in the College Board's Advanced Placement Program. Successful completion of the course and exam shows a college or university that you have challenged yourself in ways that can lead to college success. Students can check with the college or university they plan to attend regarding their AP Exam credit qualification.

AP courses make substantial academic demands on students. Most courses are a full year in length. Students are required to do considerable outside reading and other assignments and to demonstrate the analytical skills and writing abilities expected of first year students in a strong college program. This experience helps students develop the intellectual skills and self discipline they will need in college.

What is Pre-Advanced Placement (Pre-AP)?

Pre-Advanced Placement courses begin at grade six in English, mathematics, social studies, and science. They are intended to ensure that middle and high school students are taught the skills, concepts, and habits of mind needed for college.

All Carrollton-Farmers Branch ISD teachers are provided professional development resources and services to equip them with the strategies and tools they need to engage their students in high-level learning.

What is the difference between Pre-Advanced Placement and general education classes?

All Pre-Advanced Placement courses and general education courses are required to use the Texas Essential Knowledge and Skills (TEKS). The Pre-Advanced Placement courses are modified by adding depth, complexity and pacing.

If a student is interested in Pre-AP or AP, whom should they contact?

Contact your school counselor or teacher.

Must a student be identified for the ACE or LEAP gifted program to take AP or Pre-AP?

No. Students who are willing to commit to substantial academic demand and willing to do the outside reading should consider AP and Pre-AP courses.

***International Baccalaureate Diploma Programme and
Pre-Diploma Courses***

What is International Baccalaureate?

The International Baccalaureate [IB] Organization is a non-profit educational organization that works with schools worldwide to provide curriculum support, professional development and training, and assessment services for IB World Schools. Ranchview High School is the only CFB high school campus authorized to offer the Diploma Programme, thus all references to the IB Diploma Programme and/or IB Diploma courses require a student's attendance at Ranchview High School.

What is the IB Diploma Programme?

The IB Diploma Programme is a connected curriculum of rigorous, college- preparatory courses students take both junior and senior years. IB coursework spans all core subject areas and one elective area. Full Diploma candidates also take the Theory of Knowledge elective, an interdisciplinary course intended to explore connections between the subject areas and enhance students' critical thinking, problem-solving, and communication skills. Student participation in community service and extra- and co-curriculars is required for Diploma eligibility. Also, Diploma students must complete an independent research project called the Extended Essay.

Diploma Programme versus Diploma coursework: what is the difference?

Students have the option of pursuing the full Diploma Programme or enrolling in singular IB Diploma courses. Students participating in the Diploma Programme are those who are meeting all requirements for IB Diploma eligibility, which comprises required IB coursework along with additional core requirements (see above). These students are referred to as "Diploma candidates". Students who choose not to undertake the full Diploma Programme are not eligible to receive the IB Diploma; instead, these students – who may be participating in any number of IB Diploma courses – are considered "IB course students" since what they are attempting is an IB certificate of course credit in individual IB subject areas. Either option provides students with the opportunity for academic enrichment and possible college credits.

What are Pre-Diploma [Pre-D] courses?

Pre-Diploma is the nomenclature for advanced level 9th and 10th grade courses intended to prepare students for success in IB courses specifically. Pre-Diploma courses are offered in the core areas of English, math, science, social studies, and foreign language. Because Pre-Diploma courses are more rigorous than on-level courses in terms of the depth and pacing of the curriculum and in the elevated criteria/standards for assessment, Pre-Diploma courses receive extra grade points.

Must a student be identified for the ACE or LEAP gifted program to pursue IB Diploma or Pre-Diploma courses?

No. Student motivation and willingness to meet the academic demands are the best determinants when considering who would be appropriately served in these courses. Since Pre-Diploma and IB Diploma coursework meet and exceed general education standards (TEKS), GT students' academic needs are well-served through these classes.

How do colleges/universities view IB Diploma courses? Can students get college credits via IB?

As with AP courses, colleges and universities may award students credit, advanced standing, or both based on their participation in IB Diploma coursework. Credits are determined by student assessment performance in each IB subject. Current Texas legislation guarantees a minimum of 24 credit hours for students who graduate with an IB Diploma. It is important for students to check with the college or university they plan to attend regarding the IB course credit qualifications that will be accepted.

If a student is interested in Pre-Diploma or IB Diploma courses, whom should s/he contact?

Contact the IB Coordinator at Ranchview High School.

Dual/Concurrent Credit Courses

Dual credit courses are defined as courses in which students may receive both high school and college course credit provided the courses meet both district and college guidelines. Concurrent enrollment means that the student is taking a college course for college credit while the student is still in high school. Most concurrent enrollment students take a class at night, on Saturdays, or during a non-class section time during their high school day. Concurrent classes are also offered during the summertime.

Brookhaven and Northlake Colleges welcome students who meet the criteria for dual and concurrent enrollment. If the concurrent course is taken on the college campus, the grade earned shall not be computed for determining class rank. Letter grades shall be converted to numerical grades following this scale: A = 95, B = 85, C = 75, D = 70, F = 65. Students enrolling in dual and concurrent credit courses must make certain that they follow established enrollment procedures and pay applicable fees. Students must contact their campus counselor to begin the enrollment process. Students must present documentation to their counselor within three weeks of the end of the course to receive credit.

Additional and updated information on dual credit maybe found at:

http://www.cfbisd.edu/pages/CFBISD/Departments/Educational_Services

Carrollton-Farmers Branch ISD
Leadership Studies - Dual Credit Plan

RL Turner High School, Ranchview High School, Newman Smith High School, Creekview High School
Leadership Studies - Dual Credit
Academic Curriculum – Transfer Program

The intent of the proposed Leadership Studies program is for students to gain a significant head start towards an Associate in Arts or an Associate in Sciences degree or towards transfer to a university, with a focus on leadership and the community. A student successfully completing this program will have earned 24 college credits upon graduating from high school. The program is structured as cohort classes in which all students are taking the same courses and faculty may incorporate integrated themes and activities.

Year 1 is intended for eligible Juniors. Those Juniors who successfully complete Year 1 will enroll in Year 2 as Seniors.

Year 1:

ISD Course		Brookhaven Course			Sem	High School Credit	College Credit	Contact Hrs
Professional Communications	8811D	SPCH	1315	Fundamentals of Public Speaking	Fall	0.5	3	3 lec
Sociology	7201D	SOCI	2319	Race, Ethnicity & Community	Fall	0.5	3	3 lec
Business Law	8263D	PHIL	2306	Intro to Ethics	Spring	0.5	3	3 lec
Money Matters	8341D	BUSI	1307	Personal Finance	Spring	0.5	3	3 lec

Juniors in the Year 1 program will also be enrolled in high school English III or AP English III.

Year 2:

ISD Course		Brookhaven Course			Sem	High School Credit	College Credit	Contact Hrs
English IV	1310D	ENGL	1301	Composition I *	Fall	0.5	3	3 lec
Government	7317D	GOVT	2305	Federal Government	Fall	0.5	3	3 lec
English IV	1310D	ENGL	1302	Composition II *	Spring	0.5	3	3 lec
Economics	7401D	ECON	2301	Principles of Economics I	Spring	0.5	3	3 lec

** ENGL 1301, 1302 may be taught as an AP/Dual Credit course, providing both AP and dual credits.*

Carrollton-Farmers Branch ISD
Criminal Justice –Dual Credit Plan

Creekview High School
Criminal Justice - Dual Credit
Academic Curriculum – Transfer Program

The intent of the proposed Criminal Justice program is for students to get a significant head start towards the Associate in Arts Degree with a Field of Study in Criminal Justice. The AA can lead towards a BA in Criminology at the University of Texas at Dallas or a BAAS (Bachelor of Arts and Applied Sciences) in Criminal Justice at the University of North Texas in or further studies in masters programs in Law Enforcement, Security, Public Administration and more. A student successfully completing this program will have earned 12 college credits upon graduating from high school. Students may also take another core curriculum course such as English, government, mathematics, along with the CRIJ course.

The program is structured as cohort classes in which all students are taking the same courses. Year 1 is intended for eligible Juniors. Those Juniors who successfully complete Year 1 will enroll in Year 2 as Seniors.

Year 1:

ISD Course		Brookhaven Course			Sem	High School Credit	College Credit	Contact Hrs
Principles of Law, Public Safety &	8153D	CRIJ	1301	Intro to Criminal Justice	Fall	0.5	3	48
Forensic Psycholog	8150D	CRIJ	1307	Crime in America	Spring	0.5	3	48

Year 2:

ISD Course		Brookhaven Course			Sem	High School Credit	College Credit	Contact Hrs
Court Systems & Practices	8151D	CRIJ	1306	Court Systems & Practices	Fall	0.5	3	48
Law Enforcement I	8298D	CRIJ	1310	Fundamentals of Criminal Law	Spring	0.5	3	48

Carrollton-Farmers Branch ISD

CIT (Basic) Dual Credit Plan

Ranchview High School

Computer Information Technology - Dual Credit Technology Support Certificate

The Technology Support Certificate serves as an “entry-career ladder” which provides a foundation for all Computer Information Technology programs and awards or other programs in related fields. Technology support personnel may be responsible for providing technical assistance and support related to computer systems, hardware, or software. Duties may include providing technical assistance and support for incoming queries and issues related to computer systems, software, and hardware, responding to queries in person, over the phone, or via email, asking questions to determine nature of problem, walking customers through problem-solving process, and installing computer software.

Year 1:

ISD Course		Brookhaven Course			Sem	HS Credit	College Credit	Contact Hrs
Business Information Management I (BIM)	8269D	BCIS	1405	Business Computer Applications	<i>Articulated Credit*</i> Fall	0.5	4	3 lec 3 lab
Telecommunication & Networking	8812D	ITNW	1425	Fundamentals of Networking Technologies	Fall through Spring	1	4	3 lec 4 lab

**Articulated credit can be awarded to students who successfully complete these high school courses on or before their junior year of high school. College credit for the courses is awarded upon completion of the Technology Support Certificate.*

Year 1 is intended for eligible Juniors. Those Juniors who successfully complete Year 1 will enroll in Year 2 as Seniors. At the end of Year 2, successful students will have completed the **Computer Information Technology – Technology Support Certificate**.

Year 2:

ISD Course		Brookhaven Course			Sem	HS Credit	College Credit	Contact Hrs
Computer Programming	8171D	ITSE	1429	Programming Logic and Design (Intro to Programming)	Fall	1	4	3 lec 4 lab
Web Technologies	8216D	IMED	1416	Web Design I	Spring	1	4	3 lec 3 lab

**The high school may choose one option for the Senior spring semester. If a sufficient number of students enroll, both options may be offered.*

Carrollton-Farmers Branch ISD
CIT (Advanced) - Dual Credit Plan

RL Turner High School

**Computer Information Technology - Dual Credit
 Programmer Level 1 Certificate**

This certificate option is designed to provide students with basic and advanced skills and knowledge in a primary computing language. Application development using database programming techniques, structures, and modeling is also developed. Graduates will be qualified to work as a Level 1 Programmer in a technical programming environment.

Students in this program should have a basic understand of personal computers and operating systems and be comfortable with basic algebra and logic problems.

Students who complete this certificate will be qualified to work as an entry level programming assistant performing routine entry level analysis and programming duties in the development, implementation and support of information systems.

Year 1:

ISD COURSE		Brookhaven Course			SEM	High School Credit	College Credit	Contact Hrs
Computer Programming	8171D	ITSE	1429	Programming Logic and Design (Intro to Programming)	Fall	1	4	3 Lec 4 Lab
Advanced Computer Programming A	8420D	ITSE	2417	Java Programming	Spring	1	4	3 Lec 4 Lab

Year 1 is intended for eligible Juniors. Those Juniors who successfully complete Year 1 will enroll in Year 2 as Seniors. At the end of Year 2, successful students will have completed the **Computer Information Technology – Programmer Level 1 Certificate**.

Year 2:

ISD COURSE		Brookhaven Course			SEM	High School Credit	College Credit	Contact Hrs
Advanced Computer Programming B	8421D	INEW	2438	Advanced Java Programming	Fall	1	4	3 Lec 4 Lab
Web Technologies	8216D	IMED	1416	Web Design I	Spring	1	4	3 Lec 3 Lab

Carrollton-Farmers Branch ISD
Pre-Professional Health Sciences-Dual Credit Plan

RL Turner High School
Pre-Professional Health Sciences - Dual Credit (Pre-Nursing)

The intent of the proposed Pre-Professional Health Sciences program is for students to gain a significant head start towards an Associate’s Degree in Nursing (ADN) or an Associate’s in Applied Sciences (AAS) in Radiologic Sciences. A student successfully completing this program will have earned 16 - 17 college credits upon graduating from high school. The program is structured as cohort classes in which all students are taking the same courses and faculty may incorporate integrated themes and activities.

Year 1 is intended for eligible Juniors. Those Juniors who successfully complete Year 1 will enroll in Year 2 as Seniors in the Pre-Nursing Program.

Year 1:

ISD Course		Brookhaven Course			Sem	High School Credit	College Credit	Contact Hrs
AP Biology	6635D	BIOL	1406	Biology for Science Majors I	Fall through Spring	1	4	3 lec 3 lab
Business Law	8263D	PHIL	2306	Intro to Ethics	Spring	0.5	3	3 lec

Year 2 – Pre-Nursing:

ISD Course		Brookhaven Course			Sem	High School Credit	College Credit	Contact Hrs
Anatomy & Physiology	6637D	BIOL	2401	Human Anatomy and Physiology I	Fall through Spring	1	4	3 lec 3 lab
Pathophysiology	8338D	RNSG	1311	Nursing Pathophysiology	Fall	0.5	3	3 lec
Dosage Calculations	8339D	RNSG	1301	Pharmacology	Spring	0.5	3	3 lec

COURSES ACCEPTABLE FOR DUAL CREDIT

The following courses may be taken at CFBISD high school campuses or Dallas County Community College campuses for dual credit purposes. Additional courses may be evaluated and approved throughout the year.

COURSES ACCEPTABLE FOR DUAL CREDIT FOR ALL STUDENTS					
Creekview, Newman Smith, R.L. Turner, Ranchview High Schools					
CFB-ISD Courses	Dallas County Community College Course			High School Credit Earned	College Credit Earned
Social Studies					
Government *	7317D	American Government	GOVT - 2305	0.5	3
Economics *	7400	Introduction to Economics	ECON - 1301	0.5	3
Economics *	7401D	Principles of Economics I	ECON - 2301	0.5	3
Micro Economics*	7402	Principles of Economics II	ECON - 2302	0.5	3
Psychology *	7203	Introduction to Psychology	PSYC - 2301	0.5	3
Special Topics in Social Studies*	0004	Major World Religions	PHIL - 1304	0.5	3
Special Topics in Social Studies*	0005	Historic Survey of Major Religions	PHIL - 1317	0.5	3
Sociology	7201D	Race, Ethnicity & Community	SOCI - 2319	0.5	3
Business Law	8263D	Intro to Ethics	PHIL - 2306	0.5	3
Principles of Law, Public Safety & Security	8153D	Intro to Criminal Justice	CRIJ - 1301	0.5	3
Forensic Psychology	8150D	Crime in America	CRIJ - 1307	0.5	3
Court Systems & Practices	8151D	Court Systems & Practices	CRIJ - 1306	0.5	3
Law Enforcement I	8298D	Fundamentals of Criminal Law	CRIJ - 1310	0.5	3
Communications					
Professional Communication	8811D	Fundamentals of Public Speaking	SPCH - 1315	0.5	3
English IV	1310D	Composition I and	ENGL - 1301	0.5	3
		Composition II	ENGL - 1301	0.5	3
Business Courses					
Advertising and Sales Promotion	8361	Advertising and Sales Promotion	MRKG-2349	1	3
Business Information Management I	8269D	Business Computer Applications	BCIS - 1405	0.5	4
Digital and Interactive Media	8282	Introduction to Presentation Graphics Software	ITSW - 1410	1	4

Business Courses					
Business Law*	8263	Business Law	BUSI - 2301	0.5	3
Marketing Dynamics Career Prep 1	8360	Practicum (or field experience)	MRKG - 1366	1	3
Business Management	8262	Principles of Management	BMGT - 1327	1	3
Accounting I	8277	Introduction to Accounting I	ACCT - 1303	1	3
Accounting II	8279	Principles of Accounting I	ACCT - 2401	1	4
Money Matters	8341D	Personal Finance	BUSI - 1307	0.5	3

*Designate semester classes at high school or college campus
 Other classes in Early College High School (ECHS), Career and Technology Education (CATE) and the academies may also be considered for dual credit as noted by * in the course description section of this book.

Technology Courses					
Advanced Automotive Technology	8161	Introduction to Automotive Technology	AUMT - 1305	3	3
		Automotive Electrical Systems	AUMT - 1307	3	3
		Automotive Technology Special Topics	AUMT - 1391	3	3
		Automotive Electrical Lighting & Accessories	AUMT - 2321	3	3
Telecommunication & Networking	8812D	Fundamentals of Networking Technologies	ITNW - 1425	1	4
Computer Programming	8171D	Programming Logic and Design (Intro to Programming)	ITSE - 1429	1	4
Web Technologies	8216D	Web Design I	IMED - 1416	1	4
Advanced Computer Programming A	8420D	Java Programming	ITSE - 2417	1	4
Advanced Computer Programming B	8421D	Advanced Java Programming	INEW - 2438	1	4

CFB-ISD Courses	Dallas County Community College Course		High School Credit Earned	College Credit Earned
Other Languages				
French I French II	3604 3605	Beginning French I and Beginning French II	FREN-1411 AND FREN-1412	1 8
French III French IV – AP	3606 3607	Intermediate French I and Intermediate French II	FREN-2311 AND FREN 2312	1 6

CFB-ISD Courses		Dallas County Community College Course		High School Credit Earned	College Credit Earned
Other Languages					
German I German II	3700 3701	Beginning German I and Beginning German II	GERM - 1411 AND GERM - 1412	1	8
German III German IV – AP	3702 3703	Intermediate German I and Intermediate German II	GERM - 2311 AND GERM - 2312	1	6
Japanese I Japanese II	3750 3751	Beginning Japanese I and Beginning Japanese II	JAPN - 1411 AND JAPN - 1412	1	8
Japanese III Japanese IV	3752 3753	Intermediate Japanese I and Intermediate Japanese II	JAPN - 2311 AND JAPN - 2312	1	6
Amer Sign Language I Amer Sign Language II	3401 3402	Beginning American Sign Language I and Beginning Sign Language II	SGNL - 1301 AND SGNL - 1302	1	6
Amer Sign Language III Amer Sign Language IV	3403 3404	Intermediate American Sign Language I and American Sign Language II	SGNL - 2301 AND SGNL-2302	1	6
Spanish I Spanish II	3808 3810	Beginning Spanish I and Beginning Spanish II	SPAN - 1411 AND SPAN-1412	1	8
Spanish III Spanish IV	3820 3821	Intermediate Spanish I and Intermediate Spanish II	SPAN - 2311 AND SPAN - 2312	1	6
Math					
College Algebra	4793	College Algebra	MATH - 1314	0.5	3
Trigonometry	4793	Plane Trigonometry	MATH - 1316	0.5	3
Calculus III	4782	Calculus III	UNT: MATH - 2730	0.5	3
Differential Equations I	4784	Differential Equations I	UNT: MATH - 3410	0.5	3
Statistics	4791	Introduction to Statistics	MATH - 2342	0.5	3
Sciences					
AP Biology	6635D	Biology for Science Majors I	BIOL - 1406	1	4
Anatomy & Physiology	6637D	Human Anatomy & Physiology I	BIOL - 2401	1	4
Pathophysiology	8338D	Nursing Pathophysiology	RNSG - 1311	0.5	3
Dosage Calculations	8339D	Pharmacology	RNSG - 1301	0.5	3
<p>* Designate semester classes at high school or college campus Other classes in Early College High School (ECHS), Career and Technical Education (CTE) and the academies may also be considered for dual credit (see school counselor).</p>					

DUAL CREDIT FOR METSA STUDENTS ONLY					
R.L. Turner High School					
CFB-ISD Courses		Dallas Community College Course		High School Credit Earned	College Credit Earned
Engineering					
Engineering	8255	PLTW-Intro to Engineering Design	N1303742	0.5	3
Engineering	8256	PLTW-Principles of Engineering	N1303743	0.5	3
Engineering	8257	PLTW-Civil/Architecture	N1303747	0.5	3
Engineering	8258	PLTW-Bio-Technical Engineering	N1303746	0.5	3
Engineering	8259	PLTW-Digital Electronics	N1303744	0.5	3
Engineering	8260	PLTW-Computer Integrated Manufacturing	N1303748	0.5	3
Visit www.pltw.org for a listing of colleges for dual credit for PLTW courses These are not DCCCD Courses					
Math					
Statistics – Independent Study in Mathematics	4791	Introductory Statistics	MATH - 2342	0.5	3
Science					
Science (Scientific Research and Design: Independent Study)	8253 or 8254	College Physics I	PHYS - 1401	1	4
Science (Scientific Research and Design: Independent Study)	8253 or 8254	Introductory Chemistry I	CHEM - 1405	1	4
Science (Scientific Research and Design: IGNITE Aero Science Studies)	8253 or 8254	College Physics II	PHYS - 1402	1	4

DUAL CREDIT FOR ECHS STUDENTS ONLY					
Brookhaven Early College High School					
CFB-ISD Courses		Dallas County Community College Course		High School Credit Earned	College Credit Earned
Social Studies					
U.S. History	B702	History of the United States I 1301 plus History of the United States II 1302	HIST - 1301 plus HIST - 1302	1	6
Government (ECHS Only)	B712	Federal Government	GOVT-2305	0.5	3
Government (ECHS Only)	B714	Texas Government	GOVT-2306	0.5	3
Major World Religions	B732	Major World Religions	PHIL - 1304	0.5	3
Economics	7401	Principles of Economics I	ECON - 2301	0.5	3
Psychology	B722	Introduction to Psychology	PSYC - 2301	0.5	3
Sociology	B720	Introduction to Sociology	SOCI - 1301	0.5	3
Business Law	8263D	Intro to Ethics	PHIL - 2306	0.5	3
Communications					
English III	B100	Composition I	ENGL - 1301	0.5	3
	B100	Composition II	ENGL - 1302	0.5	3
English IV	B102	British Literature	ENGL - 2322	0.5	3
	B102	British Literature	ENGL - 2323	0.5	3
Communications Applications	B260	Introduction to Speech Communications	SPCH - 1311	0.5	3
Lab Sciences					
Scientific Research and Design (Independent Study)	B600	Biology for Non-Science Majors I	BIOL - 1408	0.5	4
Scientific Research and Design (Independent Study)	B600	Biology for Non-Science Majors II	BIOL - 1409	0.5	4
Scientific Research and Design (Independent Study)	8253 or 8254	College Physics I	PHYS - 1401	1	4
Scientific Research and Design (Independent Study)	8253 or 8254	College Physics II	PHYS - 1402	1	4
Scientific Research and Design (Independent Study)	8253 or 8254	Introductory Chemistry I	CHEM -1405	1	4
Earth and Space Science	B630	Earth Science I	GEOL -1401	0.5	4
Earth and Space	B630	Earth Science II	GEOL - 1402	0.5	4

DUAL CREDIT FOR ECHS STUDENTS ONLY					
Brookhaven Early College High School					
Science					
Scientific Research and Design (Independent Study)	8253 or 8254	University Physics I	PHYS - 2425	1	4
Scientific Research and Design (Independent Study)	8253 or 8254	University Physics II	PHYS - 2426	1	4

Math					
College Algebra	B406	College Algebra	MATH -1314	1	3
Trigonometry	B408	Plane Trigonometry	MATH -1316	1	3
College Math	B402	College Mathematics I	MATH -1332	1	3
Math Business and Econ	B400	Mathematics for Business and Econ	MATH -1324	1	3
Intro to Stats	B404	Introduction to Statistics	MATH -2342	1	3
Pre-Calculus	B410	Pre-Calculus Math	MATH -2412	1	4
Independent Study Calculus I	B411	Calculus I	MATH -2413	1	4
Independent Study Calculus II	B412	Calculus II	MATH -2414	1	4

DUAL CREDIT FOR ECHS STUDENTS ONLY					
Brookhaven Early College High School					
CFB-ISD Courses	Dallas County Community College Course			High School Credit Earned	College Credit Earned
Fine Arts					
Art I	B200	Art Appreciation	ARTS -1301	1	3
Music History	B226	Music Appreciation	MUSI -1306	1	3
Theater Arts	2874	Theater Practicum II	DRAM 1221	0.5	2
Guitar I	B224	Guitar I	MUSI- 1192	0.5	1
Guitar II	B224	Guitar II	MUSI -1193	0.5	1
Piano I	B220	Piano I	MUSI -1181	0.5	1
Piano II	B220	Piano II	MUSI -1181	0.5	1
Voice I	B222	Voice I	MUSI -1183	0.5	1
Voice II	B222	Voice II	MUSI -1183	0.5	1
Music Theory I	B227	Fundamentals of Music I	MUSI -1301	0.5	3
Music Appreciation I	B228	Music Literature I	MUSI -1308	0.5	3
Music Appreciation II	B229	Music Literature II	MUSI -1309	0.5	3
Languages Other Than English					
Spanish I	B300	Beginning Spanish 1	SPAN -1411	1	4
Spanish II	B302	Beginning Spanish 2	SPAN -1412	1	4

DUAL CREDIT FOR ECHS STUDENTS ONLY
Brookhaven Early College High School

CFB-ISD Courses		Dallas County Community College Course		High School Credit Earned	College Credit Earned
Languages Other Than English					
Spanish III	B304	Intermediate Spanish 1 and Intermediate Spanish 2	SPAN -2311 SPAN -2312	1	3 3
Spanish Lit	3823	Introduction to Spanish Literature	SPAN -2322	1	3
Technology					
Business Inform Mgt. I	B800	Introduction to Computing	COSC -1301	1	3
OTHER					
Health	B500	Health for Today	PHED-1304	0.5	3

ALTERNATIVE EDUCATION PROGRAMS

Mary Grimes Education Center

Mary Grimes Education Center is an Alternative High School available to eligible students who choose to complete their high school graduation requirements in a non-traditional educational environment. Students complete credits through individualized, self-paced instruction. Mary Grimes Education Center was established to reclaim students to the educational system who are at risk of dropping out of school or who have dropped out of school before completing high school graduation.

Eligibility Criteria:

- Student is classified as “at risk of dropping out of school” as defined in Texas Education Code (TEC) §29.081(d)
- Student must be between 16 and 21 years of age
- Student must live within the Carrollton-Farmers Branch School District

Disciplinary Alternative Education Program Bea Salazar Transition School

Students are assigned to the Bea Salazar Learning Center (DAEP) from their local campus based upon disciplinary action.

Senate Bill 1, Chapter 37, as passed by the 74th Texas Legislature, establishes the following academic provisions for students placed into the disciplinary alternative education program: “Each school district shall provide an alternative education program that focuses on English Language Arts, mathematics, science, history, and self-discipline.”

All DAEP students work under the direct supervision of a certified classroom teacher on an individualized curriculum that correlates to the home school curriculum. In addition, students are taught new ways of thinking and behaving to enhance their self-discipline.

UIL ELIGIBILITY AND ADVANCED CLASSES

According to SB 1517 and Section 33.081 of the Texas Education Code, students enrolled in identified advanced courses including *Advanced Placement*, *International Baccalaureate*, *Pre-AP* and *Dual Credit* are eligible for exemption from the state's *No-Pass, No-Play* policy. Additionally local school boards are authorized to identify and approve a listing of such "advanced" courses and set the exemption standard students must meet to retain UIL eligibility. The courses listed below have been identified as "advanced" by the CFBISD Board and students earning grades below 70 at the end of an evaluation period can retain UIL eligibility. Students earning grades below 60 can retain UIL eligibility if they meet the following standards:

- Are not disciplinary concerns
- Do not have multiple zeroes in an advanced course
- Have made a "good faith" effort to earn a passing grade in an advanced course

English 1 Pre AP	French 5 AP LOTE	Biology Pre AP
English 1 Global Experience	Japanese 3 Pre AP LOTE	AP Biology
English 2 Pre AP	Japanese 4 Pre AP LOTE	Pre-Diploma Biology
English 2 World Experience	Japanese 5 AP	IB Biology 1
English 3 Pre AP	Spanish 3 Native Speakers Pre AP	IB Biology 2
English 3 AP English Language & Composition	LOTE	AP Chemistry
English 4 Honors	Spanish 4 AP Language LOTE	IB Chemistry 1
English 4 AP	Spanish 5 AP Literature LOTE	IB Chemistry 2
Pre-Diploma English 1	Spanish 2 Pre AP LOTE	Pre-Diploma Chemistry
Pre-Diploma English 2	Spanish 3 Pre AP LOTE	Chemistry Pre AP
IB English 3	Spanish 4 Pre AP LOTE	Physics
IB English 4	Spanish 5 Pre AP Native Speaker	Physics Pre AP
	Pre-Diploma Spanish 2	AP Physics 1
Algebra 2 Pre AP	Pre-Diploma Spanish 3	AP Physics 2
College Algebra	IB Spanish 4	AP Physics C
Pre-Diploma Algebra 2	IB Spanish 5	IB Physics 1
Pre Calculus	Chinese 3 Pre AP	IB Physics 2
Pre Calculus Pre AP	Chinese 4 AP	AP Environmental Science
AP Calculus AB		
AP Calculus BC	AP Government	IB Computer Science 1
AP Statistics	U.S. History AP	IB Computer Science 2
Geometry Pre AP	World History Pre AP	AP Computer Science 1A
Pre-Diploma Geometry	World History AP	Computer Science
IB Math Studies	World Geography Pre AP	Technology Applications
Further Math (SL)	Pre-Diploma World Geography	Independent Study
IB Mathematics (SL)	Pre-Diploma World History	Academy AP Computer Science I
Pre Diploma Pre Calculus	IB History of the Americas I	
	IB History of the Americas 1/20 th Century Topics	
IB Music	AP Economics (Macro)	IB Art/Design I
AP Music Theory	AP Economics (Micro)	IB Art/Design II
	AP Psychology	AP Art History
Latin 3 Pre AP LOTE	AP European History	AP Studio Art/2-D Design Portfolio
Latin 4 Pre AP LOTE	U.S. History Pre AP	AP Studio Art/3-D Design Portfolio
German 3 Pre AP LOTE	Human Geography AP	AP Studio Art/Drawing Portfolio
German 4 Pre AP LOTE		IB Theory of Knowledge
German 5 AP		IB Theater I
IB French 4		IB Theater II
Pre-Diploma French 3		
French 3 Pre AP LOTE		Biotechnical Engineering
French 4 Pre AP LOTE		Civil Engineering and Architecture
		Introduction to Engineering Design
		Principles of Engineering

ACADEMIC ELIGIBILITY

National Collegiate Athletic Association (NCAA)

Division I and II Academic Eligibility Requirements

All prospective student athletes must register with the NCAA Initial Eligibility Clearinghouse on-line at www.ncaaclearinghouse.net.

Division I

- Graduate from high school
- Complete a minimum of 16 core courses*; 10 core classes to be completed prior to the seventh semester (seven of the 10 must be a combination of English, math or natural physical that meet the distribution requirements below). These 10 courses become “locked in” at the seventh semester and cannot be retaken for grade improvement. Recovery lab is not eligible for consideration in completion of core courses.
- Present the required grade-point average (GPA) (see the sliding scale in the Guide for the College-Bound Student-Athlete for Division I);
- Present a qualifying test score on either the ACT or SAT (see the sliding scale in the Guide for the College-Bound Student-Athlete); and
- Complete the amateurism questionnaire and request final amateurism certification.

***16 Core Courses**

- 4 years of English
- 3 years of mathematics (Algebra I or higher)
- 2 years of natural/physical science (1 year of lab if offered by high school)
- 1 year of additional English, mathematics, or natural/physical science
- 2 years of social science
- 4 years of additional courses (from any area above, foreign language, or comparative religion/philosophy)

***16 Core Courses Qualifier Requirements (*for graduation 2016 and after*)**

(Athletics aid, practice, and competition)

- 10 core courses completed before the start of the seventh semester
- 7 of the 10 must be in English, math, or natural/physical science locked in for core-course GPA calculation
- Corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.300) on Sliding Scale

***16 Core Courses Academic Redshirt Requirements (*for graduation 2016 and after*)**

(Athletics aid and practice, no competition)

- No grades/credits locked in, repeated courses after the seventh semester begins may be used for initial eligibility
- Corresponding test score (ACT sum score and SAT combined score) and core-course GPA (minimum 2.000) on Sliding Scale

Division II

- Graduate from high school
- Division II currently requires 16 core courses
- Beginning August 1, 2018, to become a full or partial qualifier for Division II< all college-bound student-athletes must complete the 16 core-qualifier requirements
- Division II currently requires a minimum SAT score of 820 or an ACT sum score of 68
- Beginning August 1, 2018, Division II will use the Sliding Scale to match test scores and core-course GPA

*16 Core Courses Division II

- 3 years of English
- 2 years of mathematics (Algebra I or higher)
- 2 years of natural/physical science (1 year of lab if offered by high school)
- 3 years of additional English, mathematics or natural/physical science
- 2 years of social science
- 4 years of additional courses (from any area above, foreign language or comparative religion/philosophy)

What is a Core Course?

A *Core Course* is an academic discipline (as opposed to a vocational or personal service course) that offers fundamental instruction in a specific area of study. Courses taught below a high school's regular academic instructional level (e.g. remedial or compensatory) can't be considered core courses regardless of the content of the course. At least 75 percent of the instructional content of a course must be in one or more of the required areas and "statistics" must be advanced (algebra-based).

Courses for students with disabilities may be approved even if such courses are taught at a level below the high school's regular academic instructional level (e.g. special education classes) if the high school principal verifies (on the core-course forms) that the courses are substantially comparable, quantitatively and qualitatively, to similar approved core-course offerings in that academic discipline at the high school.

English

Core courses in English include instructional elements in grammar, vocabulary development, composition literature, analytical/critical reading or oral communication.

Math

Core courses in mathematics include instructional elements in algebra, geometry, trigonometry, statistics and calculus.

Social Science

Core courses in social science contain instructional elements in history, social science, economics, geography, psychology, sociology, government, political science or anthropology.

Natural or Physical Science

Core courses in natural or physical science include instructional elements in biology, chemistry, physics, environmental science, physical science or earth science.

Additional Academic Courses

Core courses in the additional academic area must be from courses in foreign language, philosophy or non-doctrinal religion courses.

C-FBISD high schools must annually update and submit a list of NCAA approved core courses offered to students. This list is submitted to the NCAA Clearinghouse. Schools will receive a confirmation form that identifies all approved core courses that student-athletes can take for Division 1 and II Eligibility! Student-Athletes should review this list before making class enrollment decisions. Additional information can be obtained on the district athletic website.

Grade Point Average

- Only core courses that appear on the high school's List of NCAA Courses on the NCAA eligibility Center's website (www.eligibilitycenter.org) will be used to calculate your core-course GPA. Use the list as a guide.
- Division I students enrolling full time before August 1, 2016, must present a corresponding test score (ACT sum or SAT combined score) and a core-course GPA (minimum 2.000) on Sliding Scale A.
- Division I students enrolling on or after August 1, 2016 must present a corresponding test score (ACT sum score or SAT combined score) and a core-course GPA (minimum 2.300) on Sliding Scale B.

- The Division II core GPA requirement is a minimum of 2.00.
- The Division II core GPA requirement is a minimum of 2.20 beginning with the class of 2018. (corresponding test-score requirements are listed on the Sliding Scale B)
- Remember, the NCAA GPA is calculated using NCAA core courses only.

NCAA rule change: athletes must now be placed on the Institutional Request List (IRL).

Competing at the NCAA level is no longer as easy as simply getting recruited and then meeting the academic requirements for your chosen school. To play college sports, all athletes are required by the NCAA to be registered with the NCAA Eligibility Center. Until recent months, the registration process had been as easy as entering some personal information on the NCAA website, and then asking your high school to send transcripts to the NCAA. By maintaining a minimum GPA of 2.30, your eligibility process was satisfied. Unfortunately this is no longer the case. Due to the sheer number of athletes that register with the Eligibility Center, over 100,000 in fact, the Eligibility Center has enacted a new policy which requires all athletes to be placed on an active Institutional Request List (IRL).

Although the process by which you register with the NCAA has remained unchanged, the new IRL format can be a bit confusing. The process starts the same way by going to the eligibility center's website; filling out the online form and having your high school send transcripts to the NCAA. The next step is where the confusion begins. Before the recent rule change, the online registration and \$50 fee were enough to clear athletes through the clearinghouse. With the new rule, you must now contact a college coach and request that he place your name on his IRL list. Once a coach has decided to put you on his IRL list, he will contact the NCAA and request that your name be cleared through the clearinghouse. Once one coach has requested your application to be cleared, you will be eligible to play at any NCAA school in the country.

The same guidelines for eligibility apply to the Clearinghouse's new rule. All athletes must maintain certain academic requirements including a GPA of 2.30. The NCAA uses a graduated scale to evaluate students, meaning that the higher your high school GPA, the lower your test scores will have to be to gain entry into the school of your choice. Because the NCAA Eligibility Center is forced to handle such a huge volume of applications it can take up to six months to process your application, if you wait too long you may miss your chance to be cleared on time.

SAT or ACT and NCAA Initial Eligibility

The eligibility center will combine the critical reading and mathematics sections of SAT for an overall score. All SAT and ACT scores must be reported directly to the NCAA Initial Eligibility Clearinghouse by the testing agency. When registering for the SAT or ACT, students should use the clearinghouse code of 9999.

SAT/ACT test scores that appear on high school transcripts will not be used for NCAA Initial Eligibility via the Clearinghouse!

If you have questions that cannot be answered by this guide or if you are sending transcripts or additional information to the eligibility center please use the following address:

NCAA Eligibility Center
Certification Processing
P.O. Box 7136
Indianapolis, Indiana 46207-7136

877.262.1492 (customer service 8 a.m.- 6p.m. Eastern Time, Monday-Friday...317.223.0700 for international callers, 317.917.6222 for Membership Services, 877.262.1492 for the Eligibility Clearinghouse, 877.622.2321 toll free number).

Additional information can be received via www.ncaa.org

Sliding Scale A		
Use for Division I prior to August 1, 2016		
NCAA DIVISION I SLIDING SCALE		
Core GPA	SAT Verbal and Math ONLY	ACT Sum
3.550 & above	400	37
3.525	410	38
3.500	420	39
3.475	430	40
3.450	440	41
3.425	450	41
3.400	460	42
3.375	470	42
3.350	480	43
3.325	490	44
3.300	500	44
3.275	510	45
3.250	520	46
3.225	530	46
3.200	540	47
3.175	550	47
3.150	560	48
3.125	570	49
3.100	580	49
3.075	590	50
3.050	600	50
3.025	610	51
3.000	620	52
2.975	630	52
2.950	640	53
2.925	650	53
2.900	660	54
2.875	670	55
2.850	680	56
2.825	690	56
2.800	700	57
2.775	710	58
2.750	720	59
2.725	730	59
2.700	730	60
2.675	740-750	61
2.650	760	62
2.625	770	63
2.600	780	64
2.575	790	65
2.550	800	66
2.525	810	67
2.500	820	68
2.475	830	69
2.450	840-850	70
2.425	860	70
2.400	860	71
2.375	870	72
2.350	880	73
2.325	890	74
2.300	900	75
2.275	910	76
2.250	920	77
2.225	930	78
2.200	940	79
2.175	950	80
2.150	960	80
2.125	960	81
2.100	970	82
2.075	980	83
2.050	990	84
2.025	1000	85
2.000	1010	86

Sliding Scale B		
Use for Division I beginning August 1, 2016		
NCAA DIVISION I SLIDING SCALE		
Core GPA	SAT Verbal and Math ONLY	ACT Sum
3.550	400	37
3.525	410	38
3.500	420	39
3.475	430	40
3.450	440	41
3.425	450	41
3.400	460	42
3.375	470	42
3.350	480	43
3.325	490	44
3.300	500	44
3.275	510	45
3.250	520	46
3.225	530	46
3.200	540	47
3.175	550	47
3.150	560	48
3.125	570	49
3.100	580	49
3.075	590	50
3.050	600	50
3.025	610	51
3.000	620	52
2.975	630	52
2.950	640	53
2.925	650	53
2.900	660	54
2.875	670	55
2.850	680	56
2.825	690	56
2.800	700	57
2.775	710	58
2.750	720	59
2.725	730	60
2.700	740	61
2.675	750	61
2.650	760	62
2.625	770	63
2.600	780	64
2.575	790	65
2.550	800	66
2.525	810	67
2.500	820	68
2.475	830	69
2.450	840	70
2.425	850	70
2.400	860	71
2.375	870	72
2.350	880	73
2.325	890	74
2.300	900	75
2.299	910	76
2.275	910	76
2.250	920	77
2.225	930	78
2.200	940	79
2.175	950	80
2.150	960	81
2.125	970	82
2.100	980	83
2.075	990	84
2.050	1000	85
2.025	1010	86
2.000	1020	86

DIVISION II COMPETITION SLIDING SCALE		
<i>Use for Division II beginning August 1, 2018</i>		
Core GPA	SAT Verbal and Math ONLY	ACT Sum
3.300 & above	400	37
3.275	410	38
3.250	420	39
3.225	430	40
3.200	440	41
3.175	450	41
3.150	460	42
3.125	470	42
3.100	480	43
3.075	490	44
3.050	500	44
3.025	510	45
3.000	520	46
2.975	530	46
2.950	540	47
2.925	550	47
2.900	560	48
2.875	570	49
2.850	580	49
2.825	590	50
2.800	600	50
2.775	610	51
2.750	620	52
2.725	630	52
2.700	640	53
2.675	650	53
2.650	660	54
2.625	670	55
2.600	680	56
2.575	690	56
2.550	700	57
2.525	710	58
2.500	720	59
2.475	730	60
2.450	740	61
2.425	750	61
2.400	760	62
2.375	770	63
2.350	780	64
2.325	790	65
2.300	800	66
2.275	810	67
2.250	820	68
2.225	830	69
2.200	840 & above	70 & above

DIVISION II PARTIAL QUALIFIER SLIDING SCALE		
<i>Use for Division II beginning August 1, 2018</i>		
Core GPA	SAT Verbal and Math ONLY	ACT Sum
3.050 & above	400	37
3.025	410	38
3.000	420	39
2.975	430	40
2.950	440	41
2.925	450	41
2.900	460	42
2.875	470	42
2.850	480	43
2.825	490	44
2.800	500	44
2.775	510	45
2.750	520	46
2.725	530	46
2.700	540	47
2.675	550	47
2.650	560	48
2.625	570	49
2.600	580	49
2.575	590	50
2.550	600	50
2.525	610	51
2.500	620	52
2.475	630	52
2.450	640	53
2.425	650	53
2.400	660	54
2.375	670	55
2.350	680	56
2.325	690	56
2.300	700	57
2.275	710	58
2.250	720	59
2.225	730	60
2.200	740	61
2.175	750	61
2.150	760	62
2.125	770	63
2.100	780	64
2.075	790	65
2.050	800	66
2.025	810	67
2.000	820 & above	68 & above

Carrollton-Farmers Branch ISD

HB 5 Graduation Plan for Students Entering High School beginning in 2014-15

During the 83rd Texas Legislature, House Bill 5 was signed into law, which changes high school graduation requirements for high school students entering 9th grade, beginning with the 2014-2015 school year. It establishes one graduation plan – Foundation High School Program (FHSP) – with opportunity to earn endorsements and performance acknowledgements. Students who entered high school prior to 2014 may also elect to move to the Foundation Plan.

Below is a snapshot of the new graduation requirements. C-FBISD will provide a detailed high school course description guide, the Educational Planning Guide, to further assist with course selection and graduation planning.

Foundation PLUS Endorsement(s) 26 credits	Distinguished Level of Achievement 26 credits	Performance Acknowledgements
<p>4 credits English-ELA I, II, III, one credit in any authorized advanced English course</p> <p>4 credits Mathematics-Algebra I, Geometry, two credits in any authorized advanced course</p> <p>4 credits Science-Biology, IPC or advanced Science courses</p> <p>4 credits Social Studies+- World Geography, World History (local requirement), U.S. History, U.S. Government (.5 credit), Economics (.5 credit)</p> <p>2 credits World Language or Computer Programming</p> <p>1 credit Physical Education</p> <p>1 credit Fine Arts</p> <p>5.5 credits in Electives-may include CTE or certification courses to satisfy endorsement requirements</p> <p><u>Additional Local Requirements:</u></p> <p>.5 credit Health</p> <p>1 credit Social Studies World History+</p> <p>+One locally required credit in Social Studies is included in the total of 4 Social Studies credits.</p> <p>*Foundation Plan WITHOUT endorsement allows for: 4 credits in English, 3 credits in Mathematics, 3 credits in Science, 3 credits in Social Studies, 2 credits in World Languages, 1 credit of Physical Education, 1 credit of Fine Arts, Plus 5 electives.</p>	<p>4 credits English-ELA I, II, III, one credit in any authorized advanced English course</p> <p>4 credits Mathematics-Algebra I, Geometry, <u>Algebra II</u> <u>must be one of the math credits</u>, one credit in any authorized advanced course</p> <p>4 credits Science-Biology, IPC or advanced Science courses</p> <p>4 credits Social Studies+- World Geography, World History (local requirement), U.S. History, U.S. Government (.5 credit), Economics (.5 credit)</p> <p>2 credits World Language or Computer Programming</p> <p>1 credit Physical Education</p> <p>1 credit Fine Arts</p> <p>5.5 credits in Electives-may include CTE or certification courses to satisfy endorsement requirements</p> <p><u>Additional Local Requirements:</u></p> <p>.5 credit Health</p> <p>1 credit Social Studies World History+</p> <p>+One locally required credit in Social Studies is included in the total of 4 Social Studies credits.</p>	<p>Dual Credit</p> <ul style="list-style-type: none"> 12 College Credit hours with a grade of 3.0 or higher, or <p>Bilingualism/Biliteracy</p> <ul style="list-style-type: none"> Complete all ELA requirements with a min GPA of 80 <p>And add one of the following:</p> <ul style="list-style-type: none"> 3 credits in the same World Language with a min GPA of 80 Pass Level 4 or higher World Language with a min GPA of 80 3 credits in World Language with a min GPA of 80 AP World Language score 3.0 or higher IB World Language score 4 or higher, or <p>ELL Student Only</p> <ul style="list-style-type: none"> Participate and meet exit criteria for a bilingual or ESL program Scored Adv high Level on TELPAS, or <p>AP/IB</p> <ul style="list-style-type: none"> Score 4 or 5 on an AP Exam Score 5 or above on an IB Exam (HL), or <p>College Entrance Exam</p> <ul style="list-style-type: none"> PSAT score of commended or higher College Benchmark score on two out of four exams on the ACT SAT 1250-Reading/Math combined ACT score of 28 w/o Writing, or <p>Business Industry/Certification</p> <ul style="list-style-type: none"> Obtain a business or industry certification

STEM	BUSINESS/INDUSTRY	PUBLIC SERVICES	ARTS/HUMANITIES	MULTIDISCIPLINARY STUDIES
<ul style="list-style-type: none"> Science, Technology, Engineering and Math (STEM) 	<ul style="list-style-type: none"> Agriculture, Food and Natural Resources Architecture and Construction Arts, A/V Technology and Communication Business, Management and Administration Finance Hospitality and Tourism Information Technology Manufacturing Marketing Transportation, Distribution and Logistics 	<ul style="list-style-type: none"> Education and Training Government and Public Administration Health Science Human Services Law, Public Safety, Corrections and Security 	<ul style="list-style-type: none"> Social Studies World Languages Fine Arts 	<ul style="list-style-type: none"> Allows a student to select courses from the curriculum of each endorsement area and earn credits in a variety of advanced courses from multiple content areas sufficient to complete this distinguished level of achievement.

STATE ASSESSMENTS REQUIRED FOR GRADUATION: English I, II; Algebra I; U.S. History; Biology. QUESTIONS? Contact your student's campus or visit www.tea.state.tx.us/graduation.aspx

CARROLLTON-FARMERS BRANCH GRADUATION REQUIREMENTS FOR STUDENTS WHO ENTERED HIGH SCHOOL PRIOR TO 2014-2015

The Carrollton-Farmers Branch ISD requires students to graduate on the Recommended High School Program (RHSP) or the Distinguished Achievement Program (DAP) unless a student meets the state requirements for the Minimum High School Program.

Discipline	Recommended High School Plan	Distinguished Achievement Program*
English Language Arts	<p>Four credits must consist of:</p> <ul style="list-style-type: none"> ▪ English I* ▪ English II* ▪ English III ▪ English IV <p><i>*English I and II for Speakers of Other Languages may be substituted for English I and II only for immigrant students with limited English proficiency.</i></p>	<p>Four credits must consist of:</p> <ul style="list-style-type: none"> ▪ English I* ▪ English II* ▪ English III ▪ English IV <p><i>*English I and II for Speakers of Other Languages may be substituted for English I and II only for immigrant students with limited English proficiency.</i></p>
Mathematics	<p>Four credits of math must be taken at the high school:</p> <p>Three credits must consist of:</p> <ul style="list-style-type: none"> ▪ Algebra I ▪ Algebra II ▪ Geometry <p>The fourth credit must be selected from:</p> <ul style="list-style-type: none"> ▪ Mathematical Models with Applications* ▪ Precalculus ▪ Independent Study in Mathematics ▪ AP Statistics ▪ AP Calculus AB ▪ AP Calculus BC ▪ IB Mathematical Studies ▪ IB Mathematics Standard Level ▪ IB Mathematics Higher Level ▪ IB Advanced Mathematics Standard Level ▪ Advanced Quantitative Reasoning ▪ Mathematical Applications in Agriculture, Food, and Natural Resources ▪ AP Computer Science ▪ Statistics and Risk Management ▪ Concurrent Enrollment in College Math Courses <p><i>*Mathematical Models with Applications must be completed prior to taking Algebra II. These courses may not be taken concurrently.</i></p>	<p>Four credits of math must be taken at the high school.</p> <p>Three credits must consist of:</p> <ul style="list-style-type: none"> ▪ Algebra I ▪ Algebra II ▪ Geometry <p>The fourth credit must be taken <u>after</u> successful completion of the first three, and must be a mathematics course for which Algebra II is a prerequisite:</p> <ul style="list-style-type: none"> ▪ Precalculus ▪ Independent Study in Mathematics ▪ AP Statistics ▪ AP Calculus AB ▪ AP Calculus BC ▪ IB Mathematical Studies Standard Level ▪ IB Mathematical Methods Standard Level ▪ IB Mathematics Higher Level ▪ IB Advanced Mathematics Standard Level ▪ Advanced Quantitative Reasoning ▪ AP Computer Science ▪ Statistics and Risk Management ▪ Concurrent Enrollment in College Courses
Social Studies	<p>Three and one half credits from the following:</p> <ul style="list-style-type: none"> ▪ World Geography Studies (one credit) ▪ World History Studies (one credit) ▪ U.S. History Studies Since Reconstruction (one credit) ▪ U.S. Government (one-half credit) ▪ IB History of the Americas (one credit) 	<p>Three and one-half credits from the following:</p> <ul style="list-style-type: none"> ▪ World Geography Studies (one credit) ▪ World History Studies (one credit) ▪ U.S. History Studies Since Reconstruction (one credit) ▪ U.S. Government (one-half credit) ▪ IB History of the Americas (one credit)
Economics	<p>One-half credit must consist of:</p> <ul style="list-style-type: none"> ▪ Economics with emphasis on the free enterprise system and its benefits 	<p>One-half credit must consist of:</p> <ul style="list-style-type: none"> ▪ Economics with emphasis on the free enterprise system and its benefits

Discipline	Recommended High School Plan	Distinguished Achievement Program*
Science	<p>Four credits Three of the credits must consist of:</p> <ul style="list-style-type: none"> ▪ Biology, AP Biology, or IB Biology ▪ Chemistry, AP Chemistry, or IB Chemistry ▪ Physics, Principles of Technology I, AP Physics, or IB Physics <p>The fourth credit must be selected from:</p> <ul style="list-style-type: none"> ▪ IPC* ▪ Astronomy ▪ Environmental Systems ▪ AP Biology ▪ AP Chemistry ▪ AP Physics B ▪ AP Physics C ▪ AP Environmental Science ▪ IB Biology ▪ IB Chemistry ▪ IB Physics ▪ IB Environmental Systems ▪ Scientific Research and Design ▪ Anatomy and Physiology of Human Systems ▪ Forensic Science ▪ Advanced Animal Science ▪ Advanced Plant and Soil Science ▪ Food Science ▪ Concurrent enrollment in college courses <p>*IPC must be taken before completion of chemistry and/or physics is taken.</p>	<p>Four credits Three of the credits must consist of:</p> <ul style="list-style-type: none"> ▪ Biology, AP Biology, or IB Biology ▪ Chemistry, AP Chemistry, or IB Chemistry ▪ Physics, AP Physics, or IB Physics <p>The fourth credit must be taken after successful completion of the three courses above, and must be selected from:</p> <ul style="list-style-type: none"> ▪ Astronomy ▪ Environmental Systems ▪ AP Biology ▪ AP Chemistry ▪ AP Physics B ▪ AP Physics C ▪ AP Environmental Science ▪ IB Biology ▪ IB Chemistry ▪ IB Physics ▪ IB Environmental Systems ▪ Scientific Research and Design ▪ Anatomy and Physiology of Human Systems ▪ Forensic Science ▪ Advanced Animal Science ▪ Advanced Plant and Soil Science ▪ Food Science ▪ Concurrent enrollment in college courses
Languages Other than English	<p>Two credits Must consist of any two levels in the same language</p>	<p>Three credits Must consist of any three levels in the same language</p>
Physical Education	<p>One credit Can substitute:</p> <ul style="list-style-type: none"> ▪ Athletics ▪ Cheerleading ▪ Drill team ▪ Off campus PE ▪ Marching Band ▪ JROTC <p>Note: Up to four credits may be earned in Athletics. A course may not be repeated for credit.</p>	<p>One credit Can substitute:</p> <ul style="list-style-type: none"> ▪ Athletics ▪ Cheerleading ▪ Drill team ▪ Off campus PE ▪ Marching Band ▪ JROTC <p>Note: Up to four credits may be earned in Athletics. A course may not be repeated for credit.</p>
Health Education	<p>One-half credit (local requirement)</p> <ul style="list-style-type: none"> ▪ Health ▪ Principles of Health Science 	<p>One-half credit (local requirement)</p> <ul style="list-style-type: none"> ▪ Health ▪ Principles of Health Science
Fine Arts	<p>One credit must include a course which is outlined in 19 TAC Chapter 117. These courses fall within:</p> <ul style="list-style-type: none"> ▪ Art ▪ Theatre ▪ Dance ▪ Music 	<p>One credit must include a course which is outlined in 19 TAC Chapter 117. These courses fall within:</p> <ul style="list-style-type: none"> ▪ Art ▪ Theatre ▪ Dance ▪ Music

Discipline	Recommended High School Plan	Distinguished Achievement Program*
Speech	One-half credit must consist of: <ul style="list-style-type: none"> ▪ Communication Applications ▪ Professional Communications ▪ Principles of Agriculture, Food and Natural Resources 	One-half credit must consist of: <ul style="list-style-type: none"> ▪ Communication Applications ▪ Professional Communications ▪ Principles of Agriculture, Food and Natural Resources
Technology Applications	One credit (local requirement) <ul style="list-style-type: none"> ▪ Architectural Design ▪ Advanced Architectural Design ▪ Graphic Design and Illustration ▪ Animation ▪ Advanced Animation ▪ Video Game Design ▪ Business Information Management I ▪ Business Information Management II ▪ Virtual Business ▪ Digital and Interactive Media ▪ Web Technologies ▪ Principles of Manufacturing (Amatrol) ▪ (PLTW) BioTechnical Engineering (METSA) ▪ (PLTW) Computer Integrated Manufacturing (METSA) ▪ (PLTW) Digital Electronics (METSA) ▪ (PLTW) Introduction to Engineering (METSA) ▪ (PLTW) Principles of Engineering (METSA) ▪ Scientific Research and Design I (Independent Study) (METSA) ▪ Concepts of Engineering and Technology ▪ Robotics and Automation ▪ Automotive Technology ▪ Advanced Automotive Technology ▪ Computer Science I ▪ Computer Science II ▪ Academy AP Computer Science 1-A ▪ AP Computer Science 1-A ▪ Desktop Publishing ▪ IB Computer Science I ▪ IB Computer Science II ▪ Technology Application Indep. Study (1st year) ▪ Technology Application Indep. Study (2nd year) ▪ Fashion Design ▪ Engineering Design and Presentation ▪ Construction Technology ▪ Practicum in Graphic Design and Illustration ▪ Practicum in Audio/Video Production ▪ Advanced Welding ▪ Audio Video Production ▪ Accounting ▪ Accounting I (IBA) ▪ Practicum in Health Science (CNA) ▪ Practicum in Health Science (EMT) ▪ Practicum in Health Science (Pharmacy Tech) ▪ Marketing Dynamics I ▪ Practice in Business Management ▪ Interior Design ▪ Pharmacy Technology ▪ Journalist ▪ Newspaper ▪ Yearbook 	One credit (local requirement) <ul style="list-style-type: none"> ▪ Architectural Design ▪ Advanced Architectural Design ▪ Graphic Design and Illustration ▪ Animation ▪ Advanced Animation ▪ Video Game Design ▪ Business Information Management I ▪ Business Information Management II ▪ Virtual Business ▪ Digital and Interactive Media ▪ Web Technologies ▪ Principles of Manufacturing (Amatrol) ▪ (PLTW) BioTechnical Engineering (METSA) ▪ (PLTW) Computer Integrated Manufacturing (METSA) ▪ (PLTW) Digital Electronics (METSA) ▪ (PLTW) Introduction to Engineering (METSA) ▪ (PLTW) Principles of Engineering (METSA) ▪ Scientific Research and Design I (Independent Study) (METSA) ▪ Concepts of Engineering and Technology ▪ Robotics and Automation ▪ Automotive Technology ▪ Advanced Automotive Technology ▪ Computer Science I ▪ Computer Science II ▪ Academy AP Computer Science 1-A ▪ AP Computer Science 1-A ▪ Desktop Publishing ▪ IB Computer Science I ▪ IB Computer Science II ▪ Technology Application Indep. Study (1st year) ▪ Technology Application Indep. Study (2nd year) ▪ Fashion Design ▪ Engineering Design and Presentation ▪ Construction Technology ▪ Practicum in Graphic Design and Illustration ▪ Practicum in Audio/Video Production ▪ Advanced Welding ▪ Audio Video Production ▪ Accounting ▪ Accounting I (IBA) ▪ Practicum in Health Science (CNA) ▪ Practicum in Health Science (EMT) ▪ Practicum in Health Science (Pharmacy Tech) ▪ Marketing Dynamics I ▪ Practice in Business Management ▪ Interior Design ▪ Pharmacy Technology ▪ Journalist ▪ Newspaper ▪ Yearbook

Discipline	Recommended High School Plan	Distinguished Achievement Program*
Additional Components (Elective Courses)	<p>Four credits from:</p> <ul style="list-style-type: none"> ▪ The list of courses approved by the SBOE for Grades 9-12 (relating to Texas Essential Knowledge and Skills) ▪ State-approved innovative courses ▪ JROTC (one to four credits) <p>Students are encouraged to study the four foundation curriculum areas every year in high school.</p>	<p>Three credits from:</p> <ul style="list-style-type: none"> ▪ The list of courses approved by the SBOE for Grades 9-12 (relating to Texas Essential Knowledge and Skills) ▪ State-approved innovative courses ▪ JROTC (one to four credits) <p>Students are encouraged to study the four foundation curriculum areas every year in high school.</p>
Total Required Credits	26 (see note below)	26* (see note below)

◆College Board Advanced Placement, college-level concurrent/dual enrollment, and International Baccalaureate courses may be substituted for requirements in appropriate areas.

Note: An LEA (local education agency) may include any additional requirements under any of the three graduation programs if the LEA chooses to adopt a board policy that requires more than the state requires, then all students (general and special education) graduating from the LEA must complete the LEA’s greater requirements in order to graduate in that LEA.

C-FB requires completion of ½ health credit and 1 technology credit in addition to those required by the state for graduation under the Distinguished Achievement Program, the Recommended High School Program, and the Minimum High School Program.

***Distinguished Achievement Program requirements also include achievement of advanced academic performance on Algebra 2 and English 3 EOC’s, and student achievement of four advanced measures:**

- The measures must focus on demonstrated student performance at the college or professional level.
- Student performance on advanced measures must be assessed through an external review process.
- A student must achieve any combination of four of the following:

Original research/project:

- Judged by a panel of professionals in the field that is the focus of the project; or
- Conducted under the direction of mentor(s) and reported to an appropriate audience; and
- Related to the required curriculum set forth in 19 TAC §74.1 (relating to Texas Essential Knowledge and Skills.)

Original research/projects may not be used for more than two of the four advanced measures.

Test Data:

- A score of three or above on the College Board Advanced Placement examination;
- A score of four or above on an International Baccalaureate examination;
- A score on the Preliminary Scholastic Assessment Test (PSAT) that qualifies a student for recognition as a Commended Scholar or higher by the National Merit Scholarship Corporation; as part of the National Hispanic Scholar Program of The College Board; or as part of the National Achievement Scholarship Program for Outstanding African American Students of the National Merit Scholarship Corporation. The PSAT score may count as only one advanced measure regardless of the number of honors received by the student.

College Academic Courses

- A grade of 3.0 or higher on approved college academic courses, advanced technical credit courses, and dual credit courses, including local articulation.

C-FB ISD Texas Scholars

The Texas Scholars initiative focuses students on education and career planning during middle and high school and prepares them for the transition to life after high school. To receive recognition as a Texas Scholar, students will be required to graduate from high school having completed the Recommended High School Program or Distinguished Achievement Program.

Minimum High School Program

The Minimum High School Program requires successful completion of a core set of courses. House Bill 3 (HB3) legislation requires that a student be at least 16 years of age; have completed two credits required for graduation in each subject of the foundation curriculum; or have failed to be promoted to the tenth grade one or more times as determined by the school district to be eligible for the Minimum High School Program. This legislation also requires that a student, the student’s parent or other person standing in parental relation to the student, and a school counselor or school administrator agree in writing signed by each party that a student should be allowed to take courses under the Recommended High School Program. Additionally, the aforementioned parties must sign a district form that the student meets the state’s criteria to be under the Minimum High School Program. It should be noted that completion of the Minimum High School Program does not automatically qualify a graduate to be considered for entry to public universities in the state of Texas.

Minimum High School Program credit requirements include:

English	4	PE	1
Mathematics	3	Other Languages	None
*Science	2	Health	.5
Two credits must be:			
Biology			
IPC			
Social Studies	2.5	Technology Applications	1
Economics	.5	Fine Arts	1
Academic Elective (either World History		Speech	.5
or World Geography or a third	1	Electives	7
science: either IPC, Chemistry or		Total Credits	24
Physics)			

* A student may substitute chemistry or physics for IPC but is then required to take the second of these courses as the academic elective credit (TEA requires all students to have some physics and chemistry. IPC meets that requirement. Taking just chemistry or physics does not meet the requirement.)

Student dropping to the Minimum Plan

If a student on the Recommended High School Plan goes through the process to drop from the Recommended High School Program to the Minimum High School Program, they must still complete Biology and can take IPC whether they have taken chemistry or physics. It does not matter if they have passed or failed the course. They can still take IPC to complete the two science credits.

PLANNING FOR COLLEGE

The state of Texas requires that any student who wants to attend a Texas four year university must graduate on the Recommended High School Plan or meet the college readiness benchmarks on ACT testing or a score of at least 1500 on the three parts of SAT. The recommended plan is outlined on page 22 of this guide. Students and parents also need to check with the college or university in which they are planning to apply to be sure that they have met the admission requirements. Research from SAT, ACT and the colleges indicates that students who complete math beyond Algebra 2 and take a Physics course are better prepared to start college and tend to also finish a four year degree. The level of rigor in Pre-AP, AP, Pre-Diploma, and IB classes is also important for students' preparation for college level work, so students are encouraged to challenge themselves with that level of class when appropriate.

Students and parents are encouraged to research colleges and career opportunities as early as possible in the educational process. Listed below are several websites that can be helpful with that search.

www.collegefortexans.com
www.achievetexas.org
www.collegeboard.com

www.act.org
www.bridges.com
www.texascollegeandcareer.org

The Bridges website is a tool that our district is also using with our students in their four year planning so please get the sign on information from your student so that you may access their personal four year plan.

GRADUATION INCENTIVES

Those students whose grade point average places them in the **top ten percent of their high school graduating class** are guaranteed automatic admission to any Texas four year public college or university of their choice. In order to take advantage of this automatic admission, students must graduate on the recommended or DAP plan and submit completed application forms to the appropriate institution(s) prior to their established deadlines. With the passage of Senate Bill 175 in 2009 an **exception to the top 7 percent rule** allows the **University of Texas** to cap the automatic admission to 75 percent of the university's enrollment capacity beginning with the class of 2011-2012. The percent of the class that will be allowed automatic admission is set every year by September 15 for the current junior class so that a student will know two years out what percentage is required for automatic enrollment at the University of Texas. Check with your counselor if you have questions about automatic admission.

There are many types of financial aid available to students in the state of Texas. For a listing of the programs that you may be eligible to apply for go to www.collegefortexans.com and click on types of financial aid to find a listing of the exemptions, state and federal grants, scholarships, loans and work study opportunities to help families pay for college. Rising Star is a scholarship for the Dallas Community colleges that students with a B average and financial need may want to consider applying for during their senior year. Every family will need to complete the FAFSA form in January of the student's senior year to be considered for aid.

STATE TESTING REQUIREMENTS FOR HIGH SCHOOL GRADUATION IN TEXAS

Students first entering 9th grade 2011-2012 and thereafter will graduate under STAAR testing requirements.

State of Texas Assessments of Academic Readiness (STAAR) End-of-Course Assessments (EOC)

Graduation Requirements – Five EOC assessments

Math – Algebra I
Language Arts – English I - English II
Science – Biology
Social Studies – U.S. History

Under recent House Bill 5 Legislation, these students will need to earn Level II satisfactory score on each of the five STAAR-EOC Assessments.

STAAR EOC Alternate (STAAR-ALT)

STAAR-ALT is an alternate assessment designed for students with significant cognitive disabilities receiving special education services. The Admission, Review, and Dismissal (ARD) Committee will determine if the student meets the state participation requirements for the STAAR-ALT assessment

Important Resources

Information on the Internet

The website address for the Student Assessment Division at the Texas Education Agency is www.tea.state.tx.us/student.assessment. Information regarding the student assessment program, the testing calendar, released STAAR tests, statewide results of STAAR tests, and technical information about the testing program can be found at this site.

CHOOSING A CAREER PATHWAY ACHIEVE TEXAS PROGRAM

The C-FB Achieve Texas Career Pathways initiative is designed to help students plan for their future. The pathways concept is incorporated and aligned into our personal graduation planning process. The Achieve Texas initiative allows students to develop a Program of Study that connects career interests with secondary and postsecondary education. This process helps make education more relevant and encourages students to remain in school and graduate college and/or workforce ready. A major goal of the district is to ensure and integrate relevancy and meaning in the delivery of the core skills in math, science, social studies, and English.

Goals of Achieve Texas

- Career Clusters and Programs of Study (POS) are an integral part of the Texas education system.
- Every student prepares a personalized graduation plan in middle school to plan for grades 9-16 and beyond. The student chooses a Career Cluster and Program of Study to guide his or her learning in the context of personal career interests. Plans are evaluated and updated annually.
- Clusters span all grades (P-16+). Career awareness begins in elementary school and transitions into career exploration in middle school. Career concentrations in high school help students transition into career preparation in postsecondary education.
- The education system is seamless between high school and postsecondary institutions. Students have opportunities in a Program of Study to earn dual credit and articulated credit that flows seamlessly into postsecondary education or training.
- Partnerships are in place throughout the system. Partnerships are established statewide and locally between business and education. Educational institutions form meaningful partnerships.
- Academics are woven throughout the P-16+ curriculum. There is an integration of academic and technical knowledge and skills within the curriculum. Interdisciplinary teaching takes place and academics are taught in context. Curriculum alignment occurs between secondary and postsecondary education.
- Career guidance is dramatically enhanced. All students have access to quality assessment and career information resources. Career counseling is provided with a strong emphasis on career and college readiness.
- Students may elect to take part in extended learning opportunities. Students may choose extended learning experiences such as service learning, internships, apprenticeships, and work-based learning.

A Personalized Graduation Plan

An Achieve Texas Career Pathway includes course work that is academic, technological, and occupational in nature. Career exploration through the Pathways Program may lead either to job placement or to the realization that additional knowledge and skills are needed to enhance a student's employability or future educational goals. Studies show that students with career goals have significantly higher self-concepts and life successes than do students without career goals.

The purpose and objectives of this program are accomplished by providing all students in the Carrollton-Farmers Branch Independent School District with numerous ways to be successful in their endeavors to prepare for their journey from school to college and/or work. Some of the objectives that the Career Pathways concept helps students to develop are as follows:

- Explore the correlation and relevancy between academic preparation and career planning
- Analyze their abilities, aptitudes, and interest as related to career development
- Examine how society's needs influence the nature and structure of work
- Develop individual academic and career goals, based on the relationship between educational achievement and career planning
- Select courses oriented towards career goals
- Develop skills to locate, evaluate, and interpret career information
- Develop skills to seek, obtain, maintain, and change careers
- Develop an awareness of the need for a positive attitude towards work

Achieve Texas Clusters

The district has adopted the 16 career clusters, which are organized around broad career fields.

With the help of career assessments, careful consideration and discussion, each student can identify specific clusters that match their interests and skills. When one or more cluster/pathway appears interesting, students should look carefully at the possible degrees, careers and working conditions associated with these area(s). Then they need to note the related high school elective courses that would help them prepare for each pathway.

All of the identified career pathways include challenging, relevant courses that provide roadmaps to future career goals. Additionally, because all students take a "core" of academic courses, career paths overlap enough to allow the flexibility to change "pathways" if interests change or new knowledge and skills are acquired.

One of the District initiatives for Achieve Texas Pathways is the implementation of Academic/Career-Planning Portfolios. Every student 8th to 12th grade will receive an academic/career planning electronic portfolio. These portfolios will be presented as a guidance-planning tool with the help of middle school and high school counselors. Each portfolio contains information about the 16 career clusters and pathways. All students are encouraged to begin to research their career path by selecting the top three career clusters in which they show the most interest.

The electronic student portfolios should be visited several times each year to insure that students are making progress towards obtaining their defined goals.

In addition, the Career Pathways Program includes the following components:

- Student's opportunity for dual credit and articulation with the community colleges
- Internships
- Career Preparation/Cooperative training opportunities
- On-the-job shadowing
- Clinical rotations
- Youth leadership development
- Career fairs
- Field trips
- Career symposiums
- Business/Industry guest speakers
- Career counseling and guidance

Career Assessment and Planning

Today, and for the future, students will need high level workplace skills and knowledge, and they will need to use their personal resources and assets to be successful in college and their career. Their economic security and financial independence may be the result of the educational or career choice they make today.

The curriculum associated with Achieve Texas Career Pathways includes broad areas of study that are flexible enough to allow students to change as they acquire new knowledge and experience. Using student's interests and aptitudes identified in the 8th grade, parents, counselors, teachers, or other district professionals can help students develop a personal graduation plan in an appropriate pathway.

C-FB ACADEMIES AND SPECIAL PROGRAMS

Our seven academies and special programs offer students an opportunity to experience a concentrated four year curriculum in the areas of: biomedical professions; media arts and technology; international business, law and criminal justice; and math, engineering, science and technology. In each of the academies, students are placed in internships and/or clinical rotations through cooperative education training placements in a business or field related to their career interest and some receive certification in certain areas. Some of the common characteristics of an academy are as follows:

- Small learning community
- College preparatory curriculum
- Partnership with employers, the community, and local colleges
- A school within a high school
- A course of study designed for exploring specific careers
- Comprised of students with the same focus and similar goals.

The Academy for Media Arts and Technology (AMAT)

R.L. Turner High School

The Academy for Media Arts and Technology is an exploratory program for college-bound students who are interested in one or more of the following strands of study:

- Media Arts
- Video Production and Broadcasting
- Digital Graphic Arts
- Journalism

Our students are introduced to all strands during their freshman year. Beginning with the sophomore year, students generally take one class in a strand each year. During their senior year, AMAT students complete an internship and senior exhibition class as a capstone experience in the academy. All students who complete requirements graduate with a seal on their diploma, and wear academy regalia during the R.L. Turner graduation ceremony.

Math, Engineering, Technology and Science Academy (METSA)

R.L. Turner High School

The Math, Engineering, Technology and Science Academy (METSA) offers a college preparatory four year sequence of courses that introduces students to the discipline of engineering and engineering technology, with the appropriate scope and rigor prior to entering college. The coursework is delivered in a comprehensive project-based approach that allows students to investigate and experience applications in practical problem-solving. The project-based learning environment sets up an atmosphere where

learning is student-driven, engaging, and meets the needs of a wide variety of academic abilities.

METSA enriches students' academic experience with a variety of active learning opportunities such field-based experiences, clubs and competitions, camps, senior exhibition, and internship. The Academy offers many elective classes which help students gain knowledge and skills in the application, design, production, and assessment of products, services, and systems using state-of-the-art technology. In addition to acquiring technical knowledge and skills, students gain an understanding of career opportunities available in the field of engineering.

The Academy's Engineering strands include:

- Aerospace and Avionics Engineering
- Biotechnical Engineering
- Civil and Architectural Engineering
- Computer Integrated Manufacturing
- Electronics/Electrical Engineering
- Environmental Engineering
- Mechanical Engineering
- IGNITE Rocketry

The Academy of BioMedical Professions

R.L. Turner High School

The Academy of BioMedical Professions at R. L. Turner High School is for students interested in careers such as physician, nurse, veterinarian, veterinary technician, biomedical researcher, biotechnician, pharmacist, physical therapist, dentist, biomedical engineer, or optometrist, etc. The school learning environment is a combination of classroom and clinical experiences along with research and field study opportunities that include clinical internships, mentoring, and certifications in EMT-Basic, Certified Nurse Assistant, Pharmacy Tech, CPR, First Aid, and Veterinary Medical Assistant.

The Academy has two strands depending on career choice: Professional/Allied Strand and Biotechnology/Agriculture Strand. Real world experiences include clinical field experience, Career Investigation Days, College Career Nights, speakers and field trips.

The Academy has a dedicated and qualified advisory board who works closely with the students in order to provide them appropriate curriculum, valuable experiences, and real-world applications that will prepare them for their medical career and educational experience. Academy students are strongly encouraged to join HOSA (Health Occupations Students of America) which is a national leadership student organization. The mission of the Academy is to instruct students in all aspects of health-related careers while maintaining a comprehensive high school education. It is designed to prepare students for their place in an ever-changing world they will inherit – a world of health and human service.

International Business Academy

Newman Smith High School

The mission of the International Business Academy is to provide students with a foundation in business, marketing, finance, accounting, global business, logistics and business law. The vision of the academy is to graduate young adults that are college, workforce, and career ready; students that are equipped with reasoning and technology skills that will enable them to compete and assume leadership roles in any chosen profession.

The IBA environment encourages the development of the entrepreneurial spirit in students. The academy is about the development of confident, competent individuals that can organize, communicate and lead any organization. Also, the program aims to equip students with skills and knowledge to successfully operate in their chosen field of business or to enter careers in disciplines including law, healthcare, science and technology. IBA students are introduced to the cultural aspects of international business and how to compete in the ever changing 21st century global economy.

The sequence of IBA coursework provides graduates with the necessary focus to wisely select the post-secondary study best suitable for their skills, talents and interests. Students are exposed to a curriculum of rigor that includes challenging courses, real world experiences via field trips, guest speakers, domestic and international travel. The IBA complements courses currently offered at Newman Smith High School. The academy affords the more serious learner with the opportunity to take college courses, participate in simulations and cross curriculum projects. Students will develop a portfolio of their accomplishments prior to graduation.

Additional aspects of the IBA include:

- Travel opportunities
- Enriched academic curriculum
- Development of 21st century employable skills, entrepreneurial skills, and attitudes
- Understanding of world cultures, world banks, world markets, and world currencies
- Distinguished graduation plan

Begin your journey to success. Your future is now!

The International Business Academy at Newman Smith High School . . . a one of a kind learning experience for the 21st century leader!

Law and Criminal Justice Academy

Creekview High School

In our society, order has been maintained only by a system of laws. Without laws, human social order could develop into chaos. Without obedience to the law, and without enforcement of the law, social order could not exist. The importance of law and its enforcement facilitate a myriad of career opportunities. The Law and Criminal Justice Academy will provide an intrinsic learning experience for students who are interested in pursuing one of these possible careers.

The Law and Criminal Justice Academy provides an enriched curriculum with a variety of active learning opportunities, such as mock trials, moot courts, field observations, community service, and internships. The Academy offers multiple non-elective as well as elective classes, which focus on law, legal issues, citizenship, government, investigation, and other law related areas. Law and law enforcement are the two primary strands of the Academy, encompassing areas such as crime scene investigation, forensic analysis, criminal law, civil law, constitutional law, and criminal behavior. Although there are multiple goals of the Academy, three goals are pervasive throughout each strand.

The three primary goals are:

- To enrich an understanding of the complex procedures developed in the United States to protect that which we identify as “fundamental rights.”
- To cultivate a greater understanding of justice, tolerance, fairness, and responsibility suggested by our legal system.
- To instill a realization of the crucial and necessary function of laws, providing structure to help humans cope with problems in a complex society.

International Baccalaureate Diploma Programme

Ranchview High School

CFB is proud to offer the prestigious IB Diploma, a graduation credential recognized worldwide by colleges and universities as a mark of academic excellence.

The IB Diploma Programme is a curriculum of six rigorous, college level courses students take both junior and senior years. IB coursework spans all core subject areas and one elective area. Full Diploma candidates also take the Theory of Knowledge elective, an interdisciplinary course intended to explore connections between the subject areas and enhance students’ critical thinking, problem-solving, and communication skills. Student participation in community service and extra- and co-curriculars is required for Diploma eligibility; in fact, students in the Diploma Programme are often integral members of Ranchview High School’s athletic, fine arts, and extracurricular organizations. Diploma students must also complete an independent research project

called the Extended Essay; students choose an academic supervisor to mentor them through the research and writing phases. Course assessments and examinations are required as part of the Diploma Programme coursework and provide for the standardization of academic achievement.

Participation in the Diploma Programme assures students of Texas Distinguished Achievement Program status. All IB Diploma recipients are guaranteed a minimum of 24 credit hours at Texas public universities/colleges; other states have similar credit-granting legislation in place to reward IB Diploma holders.

Applications are accepted from any CFB student currently in the 8th, 9th, or 10th grade.

Early College High School

Brookhaven College

ECHS Mission

The mission of Early College High School at Brookhaven is to ensure that students attend a supportive academic environment that enables them to graduate from high school and earn a minimum of 42 core college hours or an associate's degree.

The Early College High School, located on the Brookhaven College Campus, is an educational choice for incoming ninth grade students who are accepted into the program through an application process during the fall of their eighth grade year. The program blends high school and college in a rigorous, yet supportive program, compressing the time it takes to complete a high school diploma and the first two years of college. ECHS is currently joined by a memorandum of understanding with Brookhaven College which has committed time and resources to helping our students become academically successful, earn college credit tuition free, and successfully transition to an institution of higher education.

Benefits to Students

- Opportunity to earn 60+ college credits on 100% scholarship for books and tuition
- Experience a small school setting within a college campus
- Safe and supportive environment
- Rigorous academic program for all students

CFBISD COURSE OFFERINGS

Descriptions for the following course offerings can be found on the CFBISD web page at www.cfbisd.edu. Click on the student tab and select student documents.

CFBISD English Language Arts Course Offerings					
Course #	Description	PEIMS	Grade	Credit	Campus
All students shall complete four units of English Language Arts. The required units may be fulfilled by the following courses: English I, II, III, IV, or Pre-AP English I, II, III, or Advanced Placement English.					
1010	English I	03220100	9	1	All
1912	English I for Speakers of Other Languages (ESOL I)	03200600	9	1	All
9401	Fundamentals of English I	03220105	9	1	All
9201	Applied English I	03220107	9	1	All
9101	Developmental English I	03220107		1	RLT
0300	PAS English I	03220100	9	1	All
1070	Pre AP English I	03220100	9	1	All
1401	Pre Diploma English I	03220100	9	1	RHS
1015	Pre-AP/Pre-Dip/GT English I Global Experience	03220100	9	1	All
1911	Newcomers English Language Development (NELD A)	N1280003	9-12	1	All
1921	Newcomers English Language Development (NELD B)	N1280004	9-12	1	All
1151	English II	03220200	10	1	All
1913	English II for Speakers of Other Languages (ESOL II)	03200700	10	1	All
9402	Fundamentals of English II	03220205	10	1	All
9202	Applied English II	03220207	10	1	All
9102	Developmental English II	03220207		1	RLT
0302	PAS English II	03220200	10	1	All
1171	Pre AP English II	03220200	10	1	All
1402	Pre Diploma English II	03220200	10	1	RHS
1115	Pre-AP/Pre-Dip/GT English II World Experience	03220200	10	1	All
1210	English III	03220300	11	1	All
9403	Fundamentals of English III	03220305	11	1	All
9203	Applied English III	03220307	11	1	All
9103	Developmental English III	03220307		1	RLT
0304	PAS English III	03220300	11	1	All
1403	IB English III	13220300	11	1	RHS
1221	AP English III – English Language and Composition	A3220100	11	1	All
1310	English IV	03220400	12	1	All
9404	Fundamentals of English IV	03220400	12	1	All
9204	Applied English IV	03220400	12	1	All
9104	Developmental English IV	03220400		1	RLT
0306	PAS English IV	03220400	12	1	All
9205	Applied English Plus	8400205	12+	1	All
9105	Developmental English Plus	84000105		1	RLT
1979	AP English IV – Literature and Composition	A3220200	12	1	All
1404	IB English IV	13220400	12	1	RHS
1321	Independent Study in English	03221800	12	1	All

CFBISD English Language Arts Course Offerings

Course #	Description	PEIMS	Grade	Credit	Campus
1609	Reading I	03270700	9-12	1	All
1617	Fundamentals of Reading I (Accelerated Reading)	90001617	9-12	1	All
1610	Reading II	03270800	10-12	1	All
1618	Fundamentals of Reading II (Accelerated Reading)	90001618	10-12	1	All
1611	Reading III	03270900	10-12	1	All
1619	Fundamentals of Reading III (Accelerated Reading)	90001619	11-12	1	All
1613	Read 180	03270700	9-10	1	All
1640*	STAAR ELA	85000640	10-12	½	All
1154	Creative/Imaginative Writing	03221200	9-12	½	All
1155	Advanced Creative Writing	03221200	10-12	½	All
1322	Research/Technical Writing	03221100	11	½	All
1323	Practical Writing Skills	03221300	12	½	All

CFBISD Fine Arts Course Offerings

Course #	Description	PEIMS	Grade	Credit	Campus
All students are required to have a minimum of one Fine Arts credit for graduation. Additionally, a waiver of PE credit is secured by taking: Marching Band, Drill Team or Dance.					
2500	Art I Beginning	03500100	9-11	1	All
2501	Art I Intermediate	03500100	9-10	1	All
1461	IB Art/Design I	13600200	11	1	RHS
1462	IB Art/Design II (HL)	13600100	12	1	RHS
2502	Art 2 – Painting	03500600	10-12	1	All
2503	Art 3 – Painting	03501400	11-12	1	All
2504	Art 4 – Painting	03502400	12	1	All
2519	Art 2 – Drawing	03500500	10-12	1	All
2520	Art 3 – Drawing	03501300	11-12	1	All
2521	Art 4 – Drawing	03502300	12	1	All
2525	Art 2 – Ceramics	03500900	10-12	1	All
2526	Art 3 – Ceramics	03501800	11-12	1	All
2527	Art 4 – Ceramics	03502700	12	1	All
2528	Art 2 – Jewelry	03501100	10-12	1	All
2529	Art 3 – Jewelry	03502000	11-12	1	All
2530	Art 4 – Jewelry	03502900	12	1	All
2531	Art 2 – Sculpture	03501000	10-12	1	All
2532	Art 3 – Sculpture	03501900	11-12	1	All
2533	Art 4 – Sculpture	03502800	12	1	All
2542	AP Art History	A3500100	10-12	1	All
2510*	Independent Study in Art	84500510	11-12	1	All
2515	AP Studio Art/Drawing Portfolio	A3500300	11-12	1	All
2555	AP Studio Art/2-D Design Portfolio	A3500400	11-12	1	All
2556	AP Studio Art/3-D Design Portfolio	A3500500	11-12	1	All
2401	Dance I	03830100	9-12	1	All
2402	Dance 2	03830200	10-12	1	All
2403	Dance 3	03830300	11-12	1	All
2404	Dance 4	03830400	12	1	All
2405*	Dance Independent Study	84500405	11-12	1	All
2400	Dance Company I	03830100	9-12	1	All
2418	Dance Company 2	03830200	10-12	1	All
2419	Dance Company 3	03830300	11-12	1	All

CFBISD Fine Arts Course Offerings

Course #	Description	PEIMS	Grade	Credit	Campus
2420	Dance Company 4	03830400	12	1	All
2406	Dance 1 – Theatre	03830100	9-12	1	All
2413	Dance 2 – Theatre	03830200	10-12	1	All
2416	Dance 3 – Theatre	03830300	11-12	1	All
2417	Dance 4 – Theatre	03830400	12	1	All
2411	Dance Performance Ensemble 2	N1170035	9-12	1	All
2412	Dance Performance Ensemble 3	N1170036	9-12	1	All
2413	Dance Performance Ensemble 4	N1170037	9-12	1	All
5625	Dance 1 – Drill Team	03830100	9	1	All
5626	Dance 2 – Drill Team	03830200	10	1	All
5627	Dance 3 – Drill Team	03830300	11	1	All
5628	Dance 4 – Drill Team	03830400	12	1	All
2701	Marching Band/Symphonic Band I	PES00012	9	1	All
2702	Marching Band/Symphonic Band 2	03150200	10	1	All
2703	Marching Band/Symphonic Band 3	03150300	11	1	All
2704	Marching Band/Symphonic Band 4	03150400	12	1	All
2756	Sym Band ENS 1	03151700	9	1	All
2757	Sym Band ENS 2	03151800	10	1	All
2758	Sym Band ENS 3	03151900	11	1	All
2759	Sym Band ENS 4	03152000	12	1	All
2706	Marching Band/Concert Band 1	PES00012	9	1	All
2707	Marching Band/Concert Band 2	03150200	10	1	All
2708	Marching Band/Concert Band 3	03150300	11	1	All
2709	Marching Band/Concert Band 4	03150400	12	1	All
2696	Marching Band/Varsity Band 1	PES00012	9	1	All
2697	Marching Band/Varsity Band 2	03150200	10	1	All
2698	Marching Band/Varsity Band 3	03150300	11	1	All
2699	Marching Band/Varsity Band 4	03150400	12	1	All
2692	Marching Band/Wind Ensemble 1	PES00012	9	1	All
2693	Marching Band/Wind Ensemble 2	03150200	10	1	All
2694	Marching Band/Wind Ensemble 3	03150300	11	1	All
2695	Marching Band/Wind Ensemble 4	03150400	12	1	All
2721	Stage Band/Jazz Band 1	03151300	9	1	All
2722	Stage Band/Jazz Band 2	03151400	10	1	All
2723	Stage Band/Jazz Band 3	03151500	11	1	All
2724	Stage Band/Jazz Band 4	03151600	12	1	All
2761	Concert Orchestra I	03150500	9	1	All
2762	Concert Orchestra 2	03150600	10	1	All
2763	Concert Orchestra 3	03150700	11	1	All
2764	Concert Orchestra 4	03150800	12	1	All
2766	Philharmonic Orchestra I	03150500	9	1	All
2767	Philharmonic Orchestra 2	03150600	10	1	All
2768	Philharmonic Orchestra 3	03150700	11	1	All
2769	Philharmonic Orchestra 4	03150800	12	1	All
2780	Camerata Orchestra 1	03150500	9	1	All
2765	Camerata Orchestra 2	03150600	10	1	All
2770	Camerata Orchestra 3	03150700	11	1	All
2775	Camerata Orchestra 4	03150800	12	1	All
2771	Symphonic Orchestra 1	03150500	9	1	All
2772	Symphonic Orchestra 2	03150600	10	1	All
2773	Symphonic Orchestra 3	03150700	11	1	All
2774	Symphonic Orchestra 4	03150800	12	1	All

CFBISD Fine Arts Course Offerings

Course #	Description	PEIMS	Grade	Credit	Campus
2805	Chamber Orchestra 1	03151700	9	1	All
2806	Chamber Orchestra 2	03151800	10	1	All
2807	Chamber Orchestra 3	03151900	11	1	All
2808	Chamber Orchestra 4	03152000	12	1	All
2776	Men's Concert Choir 1	03150900	9	1	All
2777	Men's Concert Choir 2	03151000	10	1	All
2778	Men's Concert Choir 3	03151100	11	1	All
2779	Men's Concert Choir 4	03151200	12	1	All
2781	Women's Concert Choir 1	03150900	9	1	All
2782	Women's Concert Choir 2	03151000	10	1	All
2783	Women's Concert Choir 3	03151100	11	1	All
2784	Women's Concert Choir 4	03151200	12	1	All
2786	Women's Select Choir 1	03150900	9	1	All
2787	Women's Select Choir 2	03151000	10	1	All
2788	Women's Select Choir 3	03151100	11	1	All
2789	Women's Select Choir 4	03151200	12	1	All
2791	A Cappella Choir 1	03150900	9	1	All
2792	A Cappella Choir 2	03151000	10	1	All
2793	A Cappella Choir 3	03151100	11	1	All
2794	A Cappella Choir 4	03151200	12	1	All
2801	Vocal Ensemble 1	03152100	9	1	All
2802	Vocal Ensemble 2	03152200	10	1	All
2803	Vocal Ensemble 3	03152300	11	1	All
2804	Vocal Ensemble 4	03152400	12	1	All
2711	Music Theory 1	03152700	10-11	1	All
2712	Music Theory 2	03152800	11-12	1	All
2715	AP Music Theory	A3150200	11-12	1	All
1465	IB Music I	I3250200	11-12	1	RHS
1466	IB Music II	I3250200	12	1	RHS
2870	Theatre Arts I	03250100	9-12	1	All
2871	Theatre Arts 2	03250200	10-12	1	All
2872	Theatre Arts 3	03250300	11-12	1	All
2873	Theatre Arts 4	03250400	12	1	All
2874*	Theatre Arts Independent Study	84500874	9-12	1	All
1468	IB Theater Arts SL	I3750200		1	RHS
1469	IB Theater Arts HL	I3750300		1	RHS
2875	Technical Theatre 1	03250500	9-12	1	All
2876	Technical Theatre 2	03250600	10-12	1	All
2877	Technical Theatre 3	03251100	11-12	1	All
2878	Technical Theatre 4	03251200	11-12	1	All
2880	Theatre Production 1	03250700	9-12	1	All
2881	Theatre Production 2	03250800	10-12	1	All
2882	Theatre Production 3	03250900	11-12	1	All
2883	Theatre Production 4	03251000	12	1	All
2827*	Technical Theatre Independent Study	85000827	9-12	1	All

CFBISD Mathematics Course Offerings

Course #	Description	PEIMS	Grade	Credit	Campus
All students in CFBISD must take four units of mathematics at the high school campus. Credit for Math Models can only be given if taken prior to taking Algebra II.					
4650	Algebra 1	03100500	9	1	All
9411	Fundamentals of Algebra I	03100505	9	1	All
0326	PAS Algebra I	03100500	9-12	1	All
7693*	Step Up	84100693	9-11	1	All
9414	Fundamental Step Up	84100414	9-11	1	All
1411	Pre Diploma Algebra I	03100500	9	1	RHS
4785*	STAAR Mathematics	84100785	9-12	½	All
4670	Geometry	03100700	9-10	1	All
9412	Fundamentals of Geometry	03100705	10	1	All
0330	PAS Geometry	03100700	10	1	All
4680	Pre AP Geometry	03100700	9-10	1	All
1412	Pre Diploma Geometry	03100700	9-10	1	RHS
4690	Algebra II	03100600	9-12	1	All
4700	Pre AP Algebra II	03100600	9-12	1	All
1413	Pre Diploma Algebra II	03100600	10	1	RHS
4710	Mathematics Models with Applications	03102400	10-11	1	All
9413	Fundamentals of Math Models	03102400	11	1	All
0311	PAS Math Models	03102400	11-12	1	All
4769	Pre-Calculus	03101100	10-12	1	All
4770	Pre AP Pre-Calculus	03101100	10-12	1	All
1414	Pre Diploma Pre-Calculus	03101100	10-12	1	RHS
4780	AP Calculus AB	A3100101	11-12	1	All
4781	AP Calculus BC	A3100102	11-12	1	All
4795	AP Statistics	A3100200	11-12	1	All
1415	IB Mathematical Studies (SL)	13100100	12	1	RHS
1416	IB Mathematics 1(SL)	13100200	11	1	RHS
1417	IB Mathematics (HL)	13100300	12	1	RHS
1418	IB Mathematics II (SL)	13100400	12	1	RHS
4796	Advanced Quantitative Reasoning – Independent Study in Mathematics	03102500	12	1	All
4783	College Algebra – Independent Study in Mathematics (1 st time taken)	03102500	12	½	All
4793	Trigonometry – Independent Study in Mathematics (2 nd time taken)	03102501	12	½	All
4782	Calculus III – Independent Study in Mathematics (1 st time taken)	03102500	12	½	All
4784	Differential Equations I – Independent Study in Mathematics (2 nd time taken)	03102501	12	½	All
9211	Applied Algebra I	03100507	9	1	All
9111	Developmental Algebra I	03100507		1	RLT
9212	Applied Geometry	03100707	10	1	All
9112	Developmental Math II	03100707		1	RLT
9213	Applied Math III	84100213	11	1	All
9113	Developmental Math III	84100113		1	RLT
9214	Applied Math Plus	84100214	12+	1	All
9114	Developmental Math Plus	84100114		1	RLT

CFBISD World Languages Course Offerings

Course #	Description	PEIMS	Grade	Credit	Campus
Students of languages other than English (World Language) gain the knowledge to understand cultural practices and products and to increase their understanding of other cultures. Students of World Language develop an understanding of the nature of language, including grammar, and culture and use this knowledge to compare languages and cultures, expanding their insight into their own language and culture. Students enhance their lives and meet the career demands of the 21st century by using World Language to participate in communities in Texas, in other states, and around the world.					
3604	World Language Level I – French	03410100	9-12	1	All
3605	World Language Level II – French	03410200	10-12	1	All
3606	Pre AP World Language Level III – French	03410300	11-12	1	All
3607	AP World Language Level IV – French	03410400	12	1	All
3608	World Language Level V – French	03410500	12	1	All
1445	World Language IB Pre Diploma French III	03410300	11	1	RHS
1446	World Language IB French IV World Language	13410400	11-12	1	RHS
3700	World Language Level I – German	03420100	9-12	1	All
3701	World Language Level II – German	03420200	10-12	1	All
3702	Pre AP World Language Level III – German	03420300	11-12	1	All
3703	AP World Language Level IV – German	03420500	11-12	1	All
3704	World Language Level V – German	A3420100	12	1	All
3750	World Language Level I – Japanese	03120100	9-12	1	All
3751	World Language Level II – Japanese	03120200	10-12	1	All
3752	Pre AP World Language Level III – Japanese	03120300	11-12	1	All
3753	AP World Language Level IV – Japanese	03120400	12	1	All
3754	World Language Japanese V Language and Culture	03120500	11-12	1	All
3807	World Language Level I – Spanish for Native Speakers	03440110	9-12	1	All
3300	World Language Level I – Spanish	03440100	9-12	1	All
3809	World Language Level II – Spanish for Native Speakers	03440220	9-12	1	All
3302	World Language Level II – Spanish	03440200	9-12	1	All
1442	Pre Diploma World Language Spanish II	03440200	9-10	1	RHS
3819	Pre AP World Language Level III – Spanish for Native Speakers	03440330	9-12	1	All
3304	Pre AP World Language Level III Spanish	03440300	10-12	1	All
3822	World Language Level IV – AP Spanish Language	A3440100	11-12	1	All
3823	World Language Level V – AP Spanish Literature	A3440200	12	1	All
1440	World Language IB Pre Diploma Spanish III	03440300	10-11	1	RHS
1441	World Language IB Spanish IV	I3440400	11-12	1	RHS
1443	World Language IB Spanish V	I3440500	12	1	RHS
3901	World Language Level I – Chinese (Mandarin)	03490100	9-12	1	NS
3902	World Language Level II – Chinese (Mandarin)	03490200	10-12	1	NS
3903	Pre AP World Language Level III – Chinese (Mandarin)	03490300	11-12	1	NS
3904	World Language Level IV – AP Chinese (Mandarin)	A3490400	11-12	1	NS
3300	World Language Beginning Spanish I	03440100	9-12	1	ECHS
3302	World Language Beginning Spanish II	03440200	9-12	1	ECHS
3304	World Language Spanish III – Intermediate Spanish I and Intermediate Spanish II	03440300	10-12	1	ECHS
3823	World Language Introduction to Spanish Literature	A3440200	12	1	ECHS

CFBISD Physical Education, Athletics and Health Course Offerings

Course #	Description	PEIMS	Grade	Credit	Campus
One credit of P.E. is required to graduate. A course may not be repeated.					
5594	Aerobic Activities	PES00054	9-12	1	All
5600	Foundations of Personal Fitness	PES00052	9-10	1	All
5601	Individual or Team Sports	PES00055	9-12	1	All
5604	Adventures/Outdoor Education	PES00053	9-12	1	All
5616	Aerobic Activities (Pep Squad)	PES00054	9-10	1	All
5611	Non-District Program PE Substitution 1	PES00008	9-12	1	All
5612	Non-District Program PE Substitution 2	PES00009	9-12	1	All
5613	Non-District Program PE Substitution 3	PES00010	9-12	1	All
5614	Non-District Program PE Substitution 4	PES00011	9-12	1	All
5597	Individual or Team Sports (Weightlifting)	PES00055	10-12	1	All
5621	Cheerleading I (PE Substitution)	PES00013	9-12	1	All
5622	Cheerleading II (Aerobic Activity/Dance)	PES00054	10	1	All
5623*	Cheerleading III	85000618	11	1	All
5624*	Cheerleading IV	85000618	12	1	All
5805	Football 1	PES00000	9	1	All
5806	Football 2	PES00001	10	1	All
5807	Football 3	PES00002	11	1	All
5808	Football 4	PES00003	12	1	All
5810	B-Basketball 1	PES00000	9	1	All
5811	B-Basketball 2	PES00001	10	1	All
5812	B-Basketball 3	PES00002	11	1	All
5813	B-Basketball 4	PES00003	12	1	All
5815	Wrestling 1	PES00000	9	1	All
5816	Wrestling 2	PES00001	10	1	All
5817	Wrestling 3	PES00002	11	1	All
5818	Wrestling 4	PES00003	12	1	All
5820	Cross Country 1	PES00000	9	1	All
5821	Cross Country 2	PES00001	10	1	All
5822	Cross Country 3	PES00002	11	1	All
5823	Cross Country 4	PES00003	12	1	All
5825	B-Track 1	PES00000	9	1	All
5826	B-Track 2	PES00001	10	1	All
5827	B-Track 3	PES00002	11	1	All
5828	B-Track 4	PES00003	12	1	All
5830	B-Soccer 1	PES00000	9	1	All
5831	B-Soccer 2	PES00001	10	1	All
5832	B-Soccer 3	PES00002	11	1	All
5833	B-Soccer 4	PES00003	12	1	All
5835	G-Soccer 1	PES00000	9	1	All
5836	G-Soccer 2	PES00001	10	1	All
5837	G-Soccer 3	PES00002	11	1	All
5838	G-Soccer 4	PES00003	12	1	All
5840	Tennis 1	PES00000	9	1	All
5841	Tennis 2	PES00001	10	1	All
5842	Tennis 3	PES00002	11	1	All
5843	Tennis 4	PES00003	12	1	All
5845	Golf 1	PES00000	9	1	All
5846	Golf 2	PES00001	10	1	All
5847	Golf 3	PES00002	11	1	All
5848	Golf 4	PES00003	12	1	All
5850	Swim/Dive 1	PES00000	9	1	All

CFBISD Physical Education, Athletics and Health Course Offerings

Course #	Description	PEIMS	Grade	Credit	Campus
5851	Swim/Dive 2	PES00001	10	1	All
5852	Swim/Dive 3	PES00002	11	1	All
5853	Swim/Dive 4	PES00003	12	1	All
5855	Baseball 1	PES00000	9	1	All
5856	Baseball 2	PES00001	10	1	All
5857	Baseball 3	PES00002	11	1	All
5858	Baseball 4	PES00003	12	1	All
5860	Softball 1	PES00000	9	1	All
5861	Softball 2	PES00001	10	1	All
5862	Softball 3	PES00002	11	1	All
5863	Softball 4	PES00003	12	1	All
5865	G-Basketball 1	PES00000	9	1	All
5866	G-Basketball 2	PES00001	10	1	All
5867	G-Basketball 3	PES00002	11	1	All
5868	G-Basketball 4	PES00003	12	1	All
5875	G-Track 1	PES00000	9	1	All
5876	G-Track 2	PES00001	10	1	All
5877	G-Track 3	PES00002	11	1	All
5878	G-Track 4	PES00003	12	1	All
5880	Volleyball 1	PES00000	9	1	All
5881	Volleyball 2	PES00001	10	1	All
5882	Volleyball 3	PES00002	11	1	All
5883	Volleyball 4	PES00003	12	1	All
5895	Reserve Officers Training Corps PE Substitution 1	03160100	9-12	1	RLT
5896	Reserve Officers Training Corps 2	03160200	10-12	1	RLT
5897	Reserve Officers Training Corps 3	03160300	11-12	1	RLT
5898	Reserve Officers Training Corps 4	03160400	11-12	1	RLT
5899*	ROTC Competition Rifle Team	85000590	9-12	1	RLT
5900*	ROTC Competition Drill Team	85000590	9-12	1	RLT
5910	Health	03810100	9-12	½	All
9250	Applied Health	03810100	9-12	½	All
9251	Applied Health Plus	84300251	10-12+	½	All
9150	Developmental Health	03810100		½	RLT

CFBISD Science Course Offerings

Course #	Description	PEIMS	Grade	Credit	Campus
All students will complete four credits of Science. The course shall include Biology, Chemistry and Physics with Pre AP courses as options during the student's first three years. The fourth year of science may be fulfilled by taking any of the elective sciences or AP or IB courses.					
6616	Integrated Physics and Chemistry	03060201	9-10	1	All
0345	PAS IPC	03060201	9-10	1	All
6620	Biology I	03010200	9-10	1	All
0348	PAS Biology	03010200	9	1	All
6625	Pre AP Biology I	03010200	9-10	1	All
6635	AP Biology	A3010200	10-12	1	All
1421	Pre Diploma Biology	03010200	9	1	All
1427	IB Biology	I3010200	11	1	RHS
1428	IB Biology II	I3010201	12	1	RHS
8237	Anatomy and Physiology	13020600	11-12	1	All
6640	Chemistry I	03040000	10-12	1	All
6645	Pre AP Chemistry 1	03040000	10-12	1	All
1422	Pre Diploma Chemistry	03040000	10	1	RHS
1423	IB Chemistry I	I3040001	11	1	RHS
1424	IB Chemistry II	I3040002	12	1	RHS
6650	AP Chemistry II	A3040000	11-12	1	All
6655	Physics	03050000	9-12	1	All
6656	Pre AP Physics	A3050002	9-12	1	ECHS & RLT
6660	AP Physics I	03050000	9-12	1	All
6662	AP Physics II	A3050002	11-12	1	All
6663	AP Physics C	A3050001	11-12	1	All
1425	IB Physics I	I3050001	11	1	RHS
1426	IB Physics II	I3050002	12	1	RHS
6670	Astronomy	03060100	11-12	1	All
6615	Environmental Systems	03020000	11-12	1	All
6617	PAS Environmental Systems	03020000	11-12	1	All
6611	AP Environmental Science	A3020000	11-12	1	All
6675*	Laboratory Management	84800675	11-12	½	All
8253	Scientific Research and Design (Independent Study)	13037200	10-12	1	All
8254	Scientific Research and Design (IGNITE Aero Science Studies)	13037210	11-12	1	All
7383	Forensic Science	13029500	11-12	1	All
1644*	STAAR Science	84800644	10-12	½	All
9221	Applied Biology I	03010207	9-10	1	All
9121	Developmental Biology I	03010207		1	RLT
9222	Applied IPC	84800222	10-12	1	All
9122	Developmental IPC	84800122		1	RLT
9223	Applied Science Plus	84800223	11+	1	All
9123	Developmental Science Plus	84800123		1	RLT
8227	Advanced Plant & Soil Science	13002100	12	1	All
8229	Advanced Animal Science	13000700	12	1	All
8239	Food Science	13023000	12	1	All

CFBISD Social Studies Course Offerings

Course #	Description	PEIMS	Grade	Credit	Campus
All students will complete three and one half credits of Social Studies and one half credit of Economics/Free Enterprise. The courses shall include World Geography, World History, United States History, and United States Government. The required units may be fulfilled by taking the appropriate pre-AP, G/T, AP or IB courses.					
7980	World Geography Studies	03320100	9	1	All
9230	Applied World Geography	03320107	9	1	All
9130	Developmental World Geography	03320107		1	RLT
0363	PAS World Geography	03320100	9	1	All
7981	Pre AP World Geography Studies	03320100	9	1	All
1431	Pre Diploma World Geography	03220100	9	1	RHS
7615	AP/IB/GT Human Geography	03320100	9	1	All
7982	AP Human Geography	A3360100	9	1	All
7975	AP/IB/GT World History	A3370100	10	1	All
7911	World History Studies	03340400	10-11	1	All
9231	Applied World History	03340407	10	1	All
9131	Developmental World History	03340407		1	RLT
0362	PAS World History	03340400	10	1	All
7971	Pre AP World History Studies	03340400	10-11	1	All
1432	Pre Diploma World History	03340400	10	1	RHS
7972	AP World History	A3370100	10-12	1	All
7610	U.S. History	03340100	11-12	1	All
9232	Applied U.S. History	03340107	11	1	All
9132	Developmental U.S. History	03340107		1	RLT
0360	PAS U.S. History	03340100	11	1	All
7660	AP United States History	A3340100	11-12	1	All
7670	United States History – Pre AP	03340100	11-12	1	All
1433	IB History of the Americas	I3301300	11-12	1	RHS
1434	IB History of the Americas II (HL)	I3301300	12	1	RHS
7985	AP European History	A3340200	11-12	1	All
7400	Economics with Emphasis on the Free Enterprise System and Its Benefits	03310300	12	½	All
9234	Applied Economics	03310300	12	½	All
9134	Developmental Economics	03310300		½	RLT
0364	PAS Economics	03310300	12	½	All
7402	AP Economics – Micro	A3310100	11-12	½	All
7403	AP Economics – Macro	A3310200	11-12	½	All
7317	United States Government	03330100	12	½	All
9233	Applied Government	03330100	12	½	All
9133	Developmental Government	03330100		½	RLT
0365	PAS Government	03330100	12	½	All
7378	Foundations of the American Legal System	03380002	9	½	CHS
7380	Legal Issues Seminar	03380022	11-12	½	CHS
7345	Special Topics in Social Studies: Law Studies I	03380002	11-12	½	All
7377	AP United States Government	A3330100	11-12	½	All
7201	Sociology	03370100	11-12	½	All
7203	Psychology	03350100	10-12	½	All
7204	Pre AP Psychology	03350100	11-12	½	CHS,RLT
7205	AP Psychology	A3350100	11-12	½	All

CFBISD Social Studies Course Offerings

Course #	Description	PEIMS	Grade	Credit	Campus
7987	Independent Study/Mentor (ISM) (1 st time taken)	03380003	9-12	½	All
7988	Independent Study/Mentor (ISM) (2 nd time taken)	03380023	9-12	½	All
7989	Independent Study/Mentor (ISM) (3 rd time taken)	03380033	9-12	½	All
7990	Independent Study/Mentor (ISM) (4 th time taken)	03380043	9-12	½	All
0004	Special Topics in Social Studies –Major World Religions	03380002	11-12	½	All
0005	Special Topics in Social Studies – the History and Literature of the Bible	03380022	11-12	½	All
0006	Special Topics in Social Studies – 3 rd time taken	03380032	11-12	½	All
0007	Special Topics in Social Studies – 4 th time taken	03380042	11-12	½	All
9235	Applied Social Studies Plus	84400235	12+	1	All
9135	Developmental Social Studies Plus	84400135	12+	1	RLT

CFBISD CTE Course Offerings Arranged in Achieve Texas 16 Clusters

Course #	Description	PEIMS	Grade	Credit	Campus
Agriculture, Food & Natural Resources Cluster					
<i>The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.</i>					
8217	Principles of Agriculture, Food & Natural Resources	13000200	9-12	½	RLT, CHS
8228	Small Animal Management	13000400	9-12	½	RLT, CHS
8223	Wildlife, Fisheries & Ecology Management	13001500	9-12	½	RLT, CHS
8219	Livestock Production	13000300	10-12	½	RLT
8222	Equine Science	13000500	10-12	½	RLT
8218	Agricultural Mechanics & Metal Technologies	13002200	10-12	½	RLT
8230	Agricultural Facilities Design & Fabrication	13002300	11-12	1	RLT
8227	Advanced Plant & Soil Science	13002100	12	1	All
8229	Advanced Animal Science	13000700	12	1	All
8231	Mathematical Applications in Agriculture, Food and Natural Resources	13001000	12	1	RLT
8220	Veterinary Medical Applications (Vet Med Asst. I)	13000600	11-12	1	RLT
8221	Practicum in Agriculture, Food & Natural Resources (Vet Med Asst. II)	13002500	11-12	2	RLT
Architecture & Construction Cluster					
<i>Careers in designing, planning, managing, building and maintaining the built environment.</i>					
8291	Principals of Architecture & Construction	13004200	9-12	½	All
8200	Interior Design	13004300	10-12	1	All
8241	Architectural Design	13004600	10-12	1	All
8242	Advanced Architectural Design	13004700	11-12	2	All
8292	Construction Technology (Building Trades I)	13005100	10-12	2	NS
8293	Advanced Construction Technology (Building Trades II)	13005200	11-12	2	NS
Arts, A/V Technology & Communication Cluster					
<i>Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.</i>					
8245	Graphic Design and Illustration	13008800	9-12	1	All

CFBISD CTE Course Offerings
Arranged in Achieve Texas 16 Clusters

Course #	Description	PEIMS	Grade	Credit	Campus
8345	Advanced Graphic Design and Illustration	13008900	10-12	2	All
8244	Animation	13008300	10-12	1	All
8201	Fashion Design	13009300	10-12	1	All
8243	Advanced Animation	13008400	11-12	2	All
8806	Principles of Arts, Video Technology, and Communication	13008200	9-11	1	RLT
8807	Audio Video Production	13008500	10-12	1	RLT
8809	Practicum in Graphic Design and Illustration	13009000	12	2	RLT
8808	Practicum in Audio/Video Production	13008700	12	2	RLT
8811	Professional Communications	13009900	9-12	½	All
Business, Management & Administration Cluster					
<i>Business Management and Administration careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Business Management and Administration career opportunities are available in every sector of the economy.</i>					
8261	Touch System Data Entry	13011300	9-10	½	All
8267	Principles of Business, Marketing & Finance	13011200	9-11	½	All
8268	Principles of Business, Marketing & Finance (IBA)	13011200	9	1	NS
8269	Business Information Management I	13011400	9-12	1	All
9341	Fundamentals of BIM	03011400	9-12	1	All
9245	Applied BIM	84700245	9+	1	All
9345	Developmental BIM	84700345	9+	1	RLT
8270	Business Information Management II	13011500	11-12	1	All
9342	Fundamentals of BIM II	90009342	10-12	1	All
8262	Business Management	13012100	10-12	1	All
8266	Global Business (IBA)	13011800	12	½	All
8271	Human Resources Management (IBA)	13011900	10	½	All
8272	Virtual Business	13012000	11-12	½	All
8263	Business Law	13011700	11-12	½	All
8264	Business Law (IBA)	13011700	12	½	NS
8265	Business English	13011600	12	1	All
8275	Practicum in Business Management I	13012200	11-12	3	All
8276	Practicum in Business Management II	13012210	12	3	All
8273	Problems and Solutions (TIP)	12701500	12	1	All
8274	Problems and Solutions II (TIP)	12701510	12	1	All
Education & Training Cluster					
<i>Planning, managing and providing education and training services, and related learning support services.</i>					
8202	Instructional Practices In Education and Training	13014400	11-12	2	All
8815	Principles of Education and Training	13014200	9-12	½	RLT
8816	Human Growth and Development	13014300	10-12	1	RLT
8817	Practicum in Education/Training	13014500	12	1	RLT
Finance Cluster					
<i>Planning, services for financial and investment planning, banking, insurance, and business financial management.</i>					
8280	Banking and Financial Services	13016300	10-12	1	All
8277	Accounting I	13016600	10-12	1	All
8278	Accounting I (IBA)	13016600	11	1	NS
8279	Accounting II	13016700	11-12	1	All
8281	Statistics and Risk Management	13016900	11-12	1	All

CFBISD CTE Course Offerings
Arranged in Achieve Texas 16 Clusters

Course #	Description	PEIMS	Grade	Credit	Campus
Government & Public Administration Cluster					
<i>Executing governmental functions to include governance, national security, foreign service, planning, revenue and taxation, regulation, and management and administration at the local, state, and federal levels.</i>					
8152	Principles of Government and Public Administration	13018200	9-12	½	ALL
8155	Principles of Government and Public Administration	13018200	9-12	1	ALL
8148	Political Science I	13018300	10-12	1	RLT
8149	Political Science II	13018400	10-12	1	RLT
8154	Practicum in Local, State, and Federal Government	13019000	12	2	RLT
Health Science Cluster					
<i>Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.</i>					
8232	Principles of Health Science	13020200	9	1	RLT
8233	Health Science	13020400	10	1	RLT
6637	Anatomy & Physiology	13020600	11-12	1	All
8238	World Health Research	13020900	11-12	1	RLT
8237	Practicum in Health Science (Hospital Rotations)	13020500	11-12	2	RLT
8235	Practicum in Health Science (CNA)	13020500	11-12	2	RLT
8236	Practicum in Health Science (Pharmacy Tech)	13020500	11-12	2	RLT
8234	Practicum in Health Science (EMT)	13020500	12	2	RLT
Hospitality & Tourism Cluster					
<i>Hospitality and Tourism encompasses the management, marketing and operations of restaurants and other food services, lodging, attractions, recreation events and travel related services.</i>					
8204	Culinary Arts	13022600	11-12	2	NS
8203	Restaurant Management	13022400	10-12	1	NS
8205	Practicum in Culinary Arts	13022700	12	2	NS
8239	Food Science	13023000	12	1	ALL
8813	Principles of Hospitality and Tourism	13022200	9-11	1	NS
Human Services Cluster					
<i>Preparing individuals for employment in career pathways that relate to families and human needs.</i>					
8215	Principles of Human Services	13024200	9-12	1	All
9254	Applied Principles of Human Services	84900254	9-12	1	All
9255	Applied Principles of Human Services Plus	84900255	10-12+	1	All
8212	Parenting Education for School Age Parents I	N1302536	9-12	1	All
8213	Parenting Education School Age Parents II	N1302537	9-12	1	All
8206	Child Development	13024700	10-12	1	All
8207	Lifetime Nutrition & Wellness	13024500	10-12	½	All
9265	Applied Food Science	84900265	10-12	½	All
9266	Applied Food Science Plus	84900266	10-12+	½	All
8208	Interpersonal Studies	13024400	11-12	½	All
8209	Dollars and Sense	13024300	11-12	½	All
9415	Fundamentals of Dollars and Sense	84900415	12	1	All
8214	Family & Community Services	13024900	11-12	½	All
8296	Introduction to Cosmetology	13025100	9-10	1	
8294	Cosmetology I	13025200	10-11	3	RLT
8295	Cosmetology II	13025300	12	3	RLT
8210	Practicum in Human Services I	13025000	11-12	3	All
8211	Practicum in Human Services II	13025010	12	3	All

CFBISD CTE Course Offerings
Arranged in Achieve Texas 16 Clusters

Course #	Description	PEIMS	Grade	Credit	Campus
8815	Principles of Education and Training	13014200	9-12	½	RLT
8814	Child Guidance	13024800	10-12	1	RLT
8816	Human Growth and Development	13014300	10-12	1	RLT
Information Technology Cluster					
<i>Building linkages in IT occupations framework: for entry level, technical, and professional careers related to the design, development, support and management of hardware, software, multimedia, and systems integration services.</i>					
8282	Digital & Interactive Media	13027800	10-12	1	All
8216	Web Technologies	13027900	10-12	1	All
8170	Principles of Information Technology	13027200	9-12	1	RLT
8171	Computer Programming	13027600	10-12	1	RLT
8172	Advanced Computer Programming	13027700	11-12	1	RLT
8173	Research in Information Technology Solutions	13028010	12	2	RLT
8402	Game Programming and Design	03580380	10-12	1	RHS
8403	Mobile Application Development	03580390	10-12	1	RHS
8404	Web Game Development	03580830	11-12	1	RHS
Law, Public Safety, Corrections & Security Cluster					
<i>Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.</i>					
8298	Law Enforcement I	13029300	10	1	CHS
8151	Court Systems & Practices	13029600	10-12	1	CHS
8150	Forensic Psychology	N1303012	10-12	1	CHS
7383	Forensic Science	13029500	11-12	1	CHS
8263	Business Law	13011700	11-12	½	All
8299	Correctional Services	13029700	11-12	1	CHS
8153	Principles of Law, Public Safety, Corrections and Security	13029200 (PRINLPCS)	9-12	½	CHS
Manufacturing Cluster					
<i>Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.</i>					
8247	Principles of Manufacturing (Amatrol)	13032200	9-12	½	All
8248	Practicum in Manufacturing I	13033000	11-12	3	All
8249	Practicum in Manufacturing II	13033010	12	3	All
8168	Welding	13032300	10-12	1	RLT
8169	Advanced Welding	13032400	11-12	2	RLT
Marketing Cluster					
<i>Planning, managing and performing marketing activities to reach organizational objectives.</i>					
8286	Retailing and E-tailing	13034500	9-12	½	All
8288	Fashion Marketing	13034300	9-12	½	All
8285	Advertising & Sales Promotion	13034200	10-12	½	NS
8283	Entrepreneurship	13034400	10-12	½	All
8284	Entrepreneurship (IBA)	13034400	10	½	NS
8287	Sports & Entertainment Marketing	13034600	10-12	½	RLT, CHS & NS
8289	Marketing Dynamics (Marketing Career Prep I)	13034700	11-12	3	All
8290	Practicum in Marketing Dynamics I (Marketing Career Prep II)	13034800	12	3	All

CFBISD CTE Course Offerings
Arranged in Achieve Texas 16 Clusters

Course #	Description	PEIMS	Grade	Credit	Campus
Science, Technology, Engineering & Mathematics Cluster					
<i>Planning, managing, and providing scientific research and professional and technical services (e.g. physical science, social science, and engineering) including laboratory and testing services, and research and development services.</i>					
8258	(PLTW) BioTechnical Engineering (METSA)	N1303746	11-12	1	RLT
8257	(PLTW) Civil Engineering & Architecture (METSA)	N1303747	11-12	1	RLT
8260	(PLTW) Computer Integrated Manufacturing (METSA)	N1303748	11-12	1	RLT
8259	(PLTW) Digital Electronics (METSA)	N1303744	11-12	1	RLT
8255	(PLTW) Intro to Engineering Design (METSA)	N1303742	9-12	1	RLT
8256	(PLTW) Principles of Engineering (METSA)	13037500	9-12	1	RLT
8253	Scientific Research and Design I (Independent Study) (METSA)(IGNITE I)	13037200	10-12	1	RLT
8254	Scientific Research and Design II (METSA)(IGNITE II)	13037210	11-12	1	RLT
8251	Concepts of Engineering and Technology	13036200	9-12	1	All
8250	Engineering Design & Presentation	13036500	9-12	1	All
8252	Robotics and Automation	13037000	11-12	1	All
8340	Engineering Math	13036700	11-12	1	All
8240	Engineering Design and Problem Solving	13037300	10-12	1	All
Transportation, Distribution & Logistics Cluster					
<i>Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services, such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.</i>					
8159	Energy, Power & Transportation Systems	13039300	9-10	½	All
8156	Collision Repair & Refinishing	13039800	11-12	2	RLT
8157	Advanced Collision Repair & Refinishing	13039900	11-12	2	RLT
8158	Practicum in Transportation, Distribution & Logistics (Collision)	13040400	12	2-3	RLT, CHS
8160	Automotive Technology	13039600	10-11	2	RLT, CHS
8161	Advanced Automotive Technology	13039700	11-12	3	RLT, CHS
8162	Practicum in Transportation, Distribution & Logistics (Auto Tech)	13040400	12	2-3	RLT, CHS
8165	Principles of Transportation, Distribution, and Logistics	13039200	9-12	½	RLT

CFBISD Technology Application Course Offerings

Course #	Description	PEIMS	Grade	Credit	Campus
The Technology Applications curriculum is designed to provide students opportunities to use computer technology, programming skills, and packaged computer software in real-life applications. The span of courses offered addresses applications in word processing, data processing, accounting, mathematics, statistics, and science. The following courses can be used as technology credit for graduation.					
4000	Computer Science I	03580200	9-12	1	All
4002	Computer Science II	03580300	10-12	1	All
4005	AP Computer Science 1	A3580100	10-12	1	All
4012*	Computer Lab Management	84700012	11-12	½	All
8570	Desktop Publishing	03580400	11-12	1	All

CFBISD Technology Application Course Offerings

Course #	Description	PEIMS	Grade	Credit	Campus
1451	IB Computer Science I	I3580200	11	1	RHS
1452	IB Computer Science II	I3580300	12	1	RHS
4008	Technology Application Indep Study (1 st year)	03580900	11-12	1	All
4009	Technology Application Indep Study (2 nd Year)	03581000	11-12	1	All
4010*	Technology Lab Management	84700010	11-12	½	RLT

CFBISD Additional Electives

Course #	Description	PEIMS	Grade	Credit	Campus
9702	Senior Exhibition Independent Study Speech	03241200	12	½	All
7991	AVID 1	N1290001	9-12	1	All
7992	AVID 2	N1290002	10-12	1	All
7993	AVID 3	N1290030	11-12	1	All
7994	AVID 4	N1290033	12	1	All
1472	IB Theory of Knowledge	13000100	11-12	1	RHS
2601	Communication Applications (Speech)	03241400	9-12	½	All
9260	Applied Communications Applications	03241400	9-12	½	All
9160	Developmental Communications Applications	03241400	9-12	½	RLT
8811	Professional Communications	13009900	9-12	½	All
2606	Debate 1 (Noncompetitive)	03240600	9-12	1	All
2607	Debate 1 (Competitive)	03240600	9-12	1	All
2623	Debate 2	03240700	10-12	1	All
2665	Debate 3	03240800	11-12	1	All
2667	Public Speaking	03240900	10-12	1	CHS
9703	Mock Trial	03241200	10-12	1	CHS
2930	Journalism 1	03230100	9-12	1	All
2935	Independent Study Journalism (1 st time taken)	03231000	11-12	1	All
2936	Independent Study Journalism (2 nd time taken)	03231011	11-12	½	All
2940	Photojournalism	03230800	10-11	½	All
2950	Advanced Journalism: Newspaper Production I	03230140	10-12	1	All
2955	Advanced Journalism: Newspaper Production II	03230150	11-12	1	All
2960	Advanced Journalism: Newspaper Production III	03230160	12	1	All
2965	Advanced Journalism: Yearbook I	03230110	10-12	1	All
2970	Advanced Journalism: Yearbook II	03230120	11-12	1	All
2975	Advanced Journalism: Yearbook III	03230130	12	1	All
8804	Commercial Photography	13009100	10-12	1	RLT
8803	Advanced Commercial Photography	13009200	11-12	1	RLT
5901	Sports Medicine I	N1150040	9-12	1	All
5902	Sports Medicine II	N1150041	10-12	1	All
5903	Sports Medicine III	N1150044	10-12	1	All

CFBISD Additional Electives (Local Credit Options)

Course #	Description	PEIMS	Grade	Credit	Campus
9340*	Career Connections I	85000340	9-12	1	All
9342*	Career Connections II	85000340	9-12	1	All
1652*	SAT/ACT Prep	85000SAT	10-11	½	All
7320*	Community Service	85000320	12	½	All
9143*	Vocational Experience I	84900143	10-12+	3	All
9144*	Vocational Experience II	84900144	11-12+	3	All
9343*	OJT – I	84900343	11-12	1-3	All

CFBISD Additional Electives (Local Credit Options)

Course #	Description	PEIMS	Grade	Credit	Campus
9344*	OJT – II	84900344	11-12	1-3	All
9241*	Applied Occupational Prep I	84900241	9	1	All
9242*	Applied Occupational Prep II	84900242	10	1	All
9243*	Applied Occupational Prep III	84900243	11+	1	All
9244*	Applied Occupational Prep Plus	84900244	12+	1	All
7200*	Peer Assistance and Leadership	85000200	11-12	1	All
9800*	Student Aide	85000AID	12	0	All
9706*	Student Leadership	N1290010	12	1	CHS, NS
9700*	Academic Decathlon	03221600	9-12	1	All
2666*	Debate 4	85000666	12	1	All
9252*	Applied Recreation and Leisure I	84200252	9+	1	All
9152*	Developmental Recreation and Leisure I	84200152	9+	1	RLT
9253*	Applied Recreation and Leisure II	84200253	10+	1	All
9153*	Developmental Recreation and Leisure II	84200153	10+	1	RLT
9154*	Developmental Recreation and Leisure Plus	84200154	11+	1	RLT
9261*	Applied Art I	84500261	9+	1	All
9161*	Developmental Art I	84500161	9+	1	RLT
9262*	Applied Fine Arts	84500262	10+	1	All
9162*	Developmental Fine Arts	84500162	10+	1	RLT
9672*	Moving on Up	85000672	Post 12	7	
9673*	Functional Skills Workshop	85000673	Post 12	Varies	All
2745*	Color Guard 1	84500745	9	1	All
2790*	Color Guard 2	84500745	10	1	All
2799*	Color Guard 3	84500745	11	1	All
2755*	Color Guard 4	84500745	12	1	All

Course Descriptions

ENGLISH LANGUAGE ARTS

All students shall complete four units of English Language Arts. The first three required units may be fulfilled by the following courses: English I, II, III, or Pre-AP English I, II, III, AP English III, Pre-IB English I, II, III, or IB English III. The fourth required unit may be fulfilled by taking an authorized advanced English course.

A maximum of two of the four units of English required for graduation may be English for Speakers of Other Languages (ESOL). All credits earned in ELL which are not counted toward the graduation requirement in English may be counted as electives in meeting state graduation requirements.

FRESHMAN LEVEL COURSES

1010 ENGLISH I

GRADE PLACEMENT: 9
PREREQUISITE: NONE
CREDIT: 1 UNIT
03220100

Provides an integrated focus on reading, writing, research, listening and speaking, and oral and written conventions (the TEKS, ELPS, and CCRS). Students will participate in a general review of grammar in context of their writing. The course includes studies of the short story, non-fiction, poetry, novel, and drama. The development of critical reading and critical writing skills is a major emphasis of this course.

1912 ENGLISH I FOR SPEAKERS OF OTHER LANGUAGES (ESOL I)

GRADE PLACEMENT: 9
PREREQUISITE: BEGINNER OR INTERMEDIATE ENGLISH LANGUAGE PROFICIENCY
CREDIT: 1 UNIT
03200600

Provides an integrated focus on reading, writing, research, listening and speaking, and oral and written conventions (the TEKS, ELPS, and CCRS) using ESL methodology for students who are at the beginner or intermediate language proficiency levels. The course includes studies of the short story, non-fiction, poetry, novel, and drama. The development of critical reading and critical writing skills is a major emphasis of this course. This course meets English I graduation requirements.

9401 FUNDAMENTALS OF ENGLISH I

GRADE PLACEMENT: 9
CREDIT: 1 UNIT
03220105

Focuses on language skills and reading concepts that are based on the modified content of the TEKS. Includes a study of literature, personal writing, and an introduction to research skills. Satisfies English credit for graduation.

9201 APPLIED ENGLISH I

GRADE PLACEMENT: 9
CREDIT: 1 UNIT
03220107

Student will focus on expressive and receptive language in oral and written communication. Adapted to meet the needs outlined in student's IEP.

9101 DEVELOPMENTAL ENGLISH I

CREDIT: 1 UNIT
03220107

Individualized instruction that emphasizes communication for students with severe cognitive and physical disabilities.
RLT campus only

ENGLISH LANGUAGE ARTS

0300 PAS ENGLISH I

GRADE PLACEMENT: 9
CREDIT: 1 UNIT
03220100

Provides a yearlong program of interrelated language skills with study in the areas of reading, writing, speaking and listening. Includes a study of literature, personal and creative writing, and introductory research skills. Includes development of a writing portfolio. Instructional techniques will vary to accommodate the student's IEP/BIP.

1070 PRE AP ENGLISH I

GRADE PLACEMENT: 9
PREREQUISITE: TEACHER RECOMMENDATION
CREDIT: 1 UNIT
03220100

Extends curriculum of English I with more depth and complexity. Students will participate in a general review of grammar in context of their own writing. Strong attention will be given to the development of composition and critical reading skills. Vocabulary development and outside reading will complement each credit of study. All literature study will be supported by a writing component.

1401 PRE DIPLOMA ENGLISH I

GRADE PLACEMENT: 9
PREREQUISITE: TEACHER RECOMMENDATION AND/OR IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT
03220100

Develops in the student a personal appreciation of literature, skills in literary criticism and research, strong written and oral skills, respect for the literary heritage of English, and an international perspective. Pre-Diploma English 1 is intended to prepare the highly motivated, advanced student for future IB level coursework.

IB Diploma Programme – at RHS campus only.

1015 PRE-AP/PRE-DIP/GT ENGLISH I GLOBAL EXPERIENCE

GRADE PLACEMENT: 9
PREREQUISITE: ACE/LEAP IDENTIFIED TAKEN WITH 7615
CREDIT: 1 UNIT
03220100

Offers an interdisciplinary curriculum with English I and AP Human Geography providing the major content in a humanities format. Emphasis is on assisting students to develop an understanding of the changes in a global society. Students in this course will receive accelerated grade points for both AP Human Geography and English I. Designed for identified gifted students.

1911 NEWCOMERS ENGLISH LANGUAGE DEVELOPMENT (NELD A)

GRADE PLACEMENT: 9-12
PREREQUISITE: 12 MONTHS OR LESS IN US SCHOOLS – OLPT = LEVEL 0,1
CREDIT: 1 UNIT - ELECTIVE
N1280003

Provides a first semester of instructional opportunities for students with little or no English proficiency. These students have scored below the designated level on state-approved English oral language proficiency test and have been in the USA fewer than 12 months. This class will meet two periods every day.

1921 NEWCOMERS ENGLISH LANGUAGE DEVELOPMENT (NELD B)

GRADE PLACEMENT: 9-12
PREREQUISITE: FEWER THAN 12 MONTHS IN USA – OLPT = LEVEL 0, 1
CREDIT: 1 UNIT - ELECTIVE
N1280004

Provides a second semester of intensive English language instruction for students with little or no English proficiency. These students have scored below the designated level on state-approved English oral language proficiency test and have been in the USA fewer than 12 months. This class will meet two periods every day.

ENGLISH LANGUAGE ARTS

SOPHOMORE LEVEL COURSES

1151 ENGLISH II

GRADE PLACEMENT: 10
PREREQUISITE: ENGLISH I
CREDIT: 1 UNIT
03220200

Provides an integrated study focusing on the English II TEKS, ELPS, and CCRS while extending on language skills. The course includes study of various literary genres, including the short story, poetry, drama, non-fiction, and the novel. All students will participate in the recursive writing process. Emphasis in both semesters will be placed on vocabulary development, composition skills (with a focus on persuasive), critical reading and critical writing skills.

1913 ENGLISH II FOR SPEAKERS OF OTHER LANGUAGES (ESOL II)

GRADE PLACEMENT: 10
PREREQUISITE: BEGINNER OR INTERMEDIATE ENGLISH LANGUAGE PROFICIENCY
CREDIT: 1 UNIT
03200700

Provides instruction in the English II TEKS for beginner and intermediate level limited English proficient (LEP) students enrolled in ESL to build English language proficiency. Students are placed in this course according to their current level of English proficiency. This course does meet the graduation requirement for English II, so students who take this course **do not take English II for credit.**

9402 FUNDAMENTALS OF ENGLISH II

GRADE PLACEMENT: 10
CREDIT: 1 UNIT
03220205

Emphasizes skills required for communication through reading, writing, speaking, and listening that are based on a modified content of the TEKS. Includes an expansion of different types of writing and research skills. Satisfies English credit for graduation.

9202 APPLIED ENGLISH II

GRADE PLACEMENT: 10
CREDIT: 1 UNIT
03220207

Student will focus on expansion of language skills and basic written formal communication. Adapted to meet the needs outlined in student's IEP.

9102 DEVELOPMENTAL ENGLISH II

CREDIT: 1 UNIT
03220207

Individualized instruction that emphasizes communication for students with severe cognitive and physical disabilities.

RLT campus only.

0302 PAS ENGLISH II

GRADE PLACEMENT: 10
CREDIT: 1 UNIT
03220200

Provides a yearlong interrelated study of the four skills required for effective communication: reading, writing, speaking and listening. Includes the study of literature through various genres. Students continue the development of a writing portfolio. Instructional techniques will vary to accommodate the student's IEP/BIP.

ENGLISH LANGUAGE ARTS

1171 PRE AP ENGLISH II

GRADE PLACEMENT: 10
PREREQUISITE: ENGLISH I, TEACHER RECOMMENDATION
CREDIT: 1 UNIT
03220200

Extends the curriculum of English II with more depth and complexity. Students will review writing skills and extend their study of vocabulary, the short story, novel, poetry, non-fiction and drama. Strong attention will be given to the development of composition and critical reading skills. Outside reading assignments will be expected. All literature study will be supported by a writing component.

1402 PRE DIPLOMA ENGLISH II

GRADE PLACEMENT: 10
PREREQUISITE: PRE-DIPLOMA ENGLISH I, TEACHER RECOMMENDATION AND/OR IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT
03220200

Continues to develop in the student a personal appreciation of literature, skills in literary criticism and research, strong written and oral skills, respect for the literary heritage of English, and an international perspective. Pre-Diploma English 2 is intended to prepare the highly motivated, advanced student for future IB level coursework.

IB Diploma Programme – at RHS campus only.

1115 Pre-AP/Pre-Dip/GT English II World Experience

GRADE PLACEMENT: 10
PREREQUISITE: ACE/LEAP IDENTIFIED TAKEN WITH 7975
CREDIT: 1 UNIT
03220200

Provides an interdisciplinary approach integrating English II and AP World History for identified gifted students. Enables students to discover and appreciate how mankind, through the ages, has dealt with universal problems as reflected in literature, politics, economics, culture, and the arts. Students will receive accelerated grade points for both English II and AP World History.

JUNIOR LEVEL COURSES

1210 ENGLISH III

GRADE PLACEMENT: 11
PREREQUISITE: ENGLISH II
CREDIT: 1 UNIT
03220300

Provides an integrated study focusing on the English III TEKS, ELPS, and CCRS. All students will participate in the recursive writing process. This course continues emphasis on composition skills, vocabulary skills and literary analysis, and research skills. The student will explore English as a developing and changing language. All literary study is supported by a writing component.

9403 FUNDAMENTALS OF ENGLISH III

GRADE PLACEMENT: 11
CREDIT: 1 UNIT
03220305

Emphasizes a survey of literature through contemporary times integrating it with writing skills. The focus on writing about literature is through the research process. The modified content is based on the TEKS. Satisfies English credit for graduation.

ENGLISH LANGUAGE ARTS

9203 APPLIED ENGLISH III

GRADE PLACEMENT: 11
CREDIT: 1 UNIT
03220307

Student will continue to focus on expressive and receptive language skills. Adapted to meet the needs outlined in student's IEP.

9103 DEVELOPMENTAL ENGLISH III

CREDIT: 1 UNIT
03220307

Individualized instruction that emphasizes communication for students with severe cognitive and physical disabilities.

RLT campus only.

0304 PAS ENGLISH III

GRADE PLACEMENT: 11
CREDIT: 1 UNIT
03220300

Provides a survey of American literature chronologically from the beginning of literary development in the United States through contemporary times. Integrates writing skills with the study of literature and the research process. Instructional techniques will vary to accommodate the student's IEP/BIP.

1403 IB ENGLISH III

GRADE PLACEMENT: 11
PREREQUISITE: WORLD EXPERIENCE OR PRE-DIPLOMA ENGLISH 2 AND/OR IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT
13220300

Explores an intensive study of world literature and transcendent global themes and is ideally suited for the gifted/advanced student. Research projects are required. IB English 3 will begin to fulfill one of the three required Higher Level components for the IB Diploma candidate, provided that the student enrolls in IB English 4 the following year. All students participating in the course will be required to complete all IB assessments associated with this class. Students may choose to test for Advanced Placement credit.

IB Diploma Programme – at RHS campus only.

1221 AP ENGLISH III - ENGLISH LANGUAGE AND COMPOSITION

GRADE PLACEMENT: 11
PREREQUISITE: ENGLISH II AND TEACHER/ COUNSELOR ADV.
CREDIT: 1 UNIT
A3220100

Uses instructional strategies designed for the college bound student who excels in the composition process and the study of rhetoric and literature. The curriculum includes a review of the conventions of English, composition, and research skills with a continued emphasis on outside reading and vocabulary building. Strong attention will be given to the development of composition and critical reading skills. Literary emphasis is on the development of American culture and ideas. This course prepares the student to take the AP Language exam.

ENGLISH LANGUAGE ARTS

SENIOR LEVEL COURSES

1310 ENGLISH IV

GRADE PLACEMENT: 12
PREREQUISITE: ENGLISH III
CREDIT: 1 UNIT
03220400

Provides an integrated study focusing on the English IV TEKS, ELPS, and CCRS. All students will participate in the recursive writing process. The course also includes an intense study of composition and research skills. Literary emphasis is on the development of British literature and ideas.

9404 FUNDAMENTALS OF ENGLISH IV

GRADE PLACEMENT: 12
CREDIT: 1 UNIT
03220400

Emphasizes a survey of English literature and British authors. Focuses on the skills necessary for writing and research. The modified content is based on the TEKS. Satisfies English credit for graduation.

9204 APPLIED ENGLISH IV

GRADE PLACEMENT: 12
CREDIT: 1 UNIT
03220400

Student will focus on employment and independent living language development through social activities. Adapted to meet the needs outlined in student's IEP.

9104 DEVELOPMENTAL ENGLISH IV

CREDIT: 1 UNIT
03220400

Individualized instruction that emphasizes communication for students with severe cognitive and physical disabilities.

RLT campus only.

0306 PAS ENGLISH IV

GRADE PLACEMENT: 12
CREDIT: 1 UNIT
03220400

Provides a survey of English literature tracing the development of literary forms and movements through the reading of representative selections from significant British writers. The course also includes an intense study of composition and research skills. Instructional techniques will vary to accommodate the student's IEP/BIP.

9205 APPLIED ENGLISH PLUS

GRADE PLACEMENT: 12
CREDIT: 1 UNIT
8400205

Student will focus on understanding generalizations in real life context, the responsibilities of independent living and skills related directly to employment. Adapted to meet the needs outlined in student's IEP.

9105 DEVELOPMENTAL ENGLISH PLUS

CREDIT: 1 UNIT
8400105

Individualized instruction that emphasizes communication for students with severe cognitive and physical disabilities.

RLT campus only.

ENGLISH LANGUAGE ARTS

1979 AP ENGLISH IV - LITERATURE AND COMPOSITION

GRADE PLACEMENT: 12
PREREQUISITE: ENGLISH III/TEACHER RECOMMENDATION
CREDIT: 1 UNIT
A3220200

Extends on the curriculum of English IV with more depth and complexity and offers a college-level course for students focusing on poetry, drama, fiction and prose. Includes intensive study of representative works from various genres and periods, concentrating on works of recognized literary merit. Writing assignments focus on the critical analysis of literature and include expository, analytical, and argumentative essays. This course prepares the student to take the AP Literature Exam.

1404 IB ENGLISH IV (HL)

GRADE PLACEMENT: 12
PREREQUISITE: IB ENGLISH 3 AND/OR IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT
13220400

Continues the intensive study of world literature and transcendent global themes begun in IB English 3. The course is ideally suited for the gifted/advanced student. Research projects are required. IB English 4 will fulfill one of the three required Higher Level components for the IB Diploma candidate, provided that the student earned credit in IB English 3 the previous year. All students participating in the course will be required to complete all IB assessments associated with this class. Students may choose to test for Advanced Placement credit.

IB Diploma Programme – at RHS campus only.

1321 INDEPENDENT STUDY IN ENGLISH

GRADE PLACEMENT: 12
PREREQUISITE: TEACHER RECOMMENDATION
CREDIT: 1 UNIT
03221800

Focuses student learning on a special project in reading, writing, speaking or research. Student products are negotiable.

ENGLISH LANGUAGE ARTS ELECTIVES

1609 READING I

GRADE PLACEMENT: 9-12
PREREQUISITE: READING TWO OR MORE YEARS BELOW GRADE LEVEL
CREDIT: 1 UNIT
03270700

1610 READING II

GRADE PLACEMENT: 10-12
CREDIT: 1 UNIT
03270800

1611 READING III

GRADE PLACEMENT: 10-12
CREDIT: 1 UNIT
03270900

Emphasizes individual improvement in reading comprehension, vocabulary development, reading rate, study skills, listening skills, and reading for pleasure. Suggested as an appropriate elective for students having difficulty mastering the STAAR reading subtest.

ENGLISH LANGUAGE ARTS

1617 FUNDAMENTALS OF READING I

(ACCELERATED READING)
GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT
03270700

1618 FUNDAMENTALS OF READING II

(ACCELERATED READING)
GRADE PLACEMENT: 10-12
CREDIT: 1 UNIT (LOCAL)
90001618

1619 FUNDAMENTALS OF READING III

(ACCELERATED READING)
GRADE PLACEMENT: 11-12
CREDIT: 1 UNIT
90001619

Emphasizes individual improvement in reading comprehension, vocabulary development, and reading fluency through a combination of instructional, modeled, and independent reading components. Students will increase study skills, listening skills, and gain more appreciation for pleasure reading.

1613 READ 180

GRADE PLACEMENT: 9-10
PREREQUISITE: TEST SCORES, TEACHER RECOMMENDATION
CREDIT: 1 UNIT READING; 1 UNIT ENGLISH
03270700

The objective of the READ 180 program is to provide systematic instruction to improve achievement levels in reading, writing, and vocabulary. The READ 180 classroom is a special place for reading, learning, and sharing ideas that support and build academic language. The instructional sessions will include both Whole Group Instruction and Small-Group Rotations. It is an intensive reading intervention program and has been proven effective for those students needing additional support in reading. Students will receive English and Reading credit for this course.

1640 STAAR ELA

GRADE PLACEMENT: 10-12
PREREQUISITE: NON MASTERY OF PREVIOUS STAAR READING
CREDIT: 1/2 UNIT (LOCAL)
85000640

Uses the results of the student's previous STAAR assessment to focus on the individual needs of the student to assist the student in passing the required state exam.

1154 CREATIVE WRITING

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1/2 UNIT
03221200

Explores the principles of expressive writing. All students will demonstrate an understanding of the recursive writing process. Uses the process approach to composition to help students develop fluency, voice, audience awareness, and editing strategies/techniques needed to become life-long writers.

1155 ADVANCED CREATIVE WRITING

GRADE PLACEMENT: 10-12
PREREQUISITE: CREATIVE WRITING
CREDIT: 1/2 UNIT
03221200

Focuses on producing two major, long pieces of writing. All students will demonstrate an understanding of the recursive writing process. Students edit and revise both their work and their peers' work with the knowledge that both pieces will be submitted for publication outside the school.

ENGLISH LANGUAGE ARTS

1322 RESEARCH/TECHNICAL WRITING

GRADE PLACEMENT: 12
PREREQUISITE: NONE
CREDIT: 1/2 UNIT
03221100

Allows students to develop skills necessary for writing persuasive and informative texts such as essays, reports, proposals, and memoranda. This rigorous composition course asks high school students to skillfully research a topic or a variety of topics and present that information through a variety of media. All students are expected to demonstrate an understanding of the recursive nature of the writing process, effectively applying the conventions of usage and the mechanics of written English. The students' evaluation of his/her own writing as well as the writing of others insures that students completing this course are able to analyze and discuss published and unpublished pieces of writing, develop and apply criteria for effective writing, and set their own goals as writers.

1323 PRACTICAL WRITING SKILLS

GRADE PLACEMENT: 12
PREREQUISITE: NONE
CREDIT: 1/2 UNIT
03221300

Allows students to develop skills necessary for composing business letters and requests for information, as well as for completing job applications and resumes. This course emphasizes skill in the use of conventions and mechanics of written English, the appropriate and effective application of English grammar, and the effective use of vocabulary. Students are expected to understand the recursive nature of the writing process. Evaluation of students' own writing as well as the writing of others insures that students completing this course are able to analyze and evaluate their writing.

8265 BUSINESS ENGLISH

GRADE PLACEMENT: 12
PREREQUISITE: NONE
CREDIT: 1 UNIT
13011600

Students enhance reading, writing, computing, communications, and reasoning skills and apply them to the business environment. Students plan, draft, and complete written compositions on a regular basis and edit their papers for clarity, engaging language, and the correct use of conventions and mechanics of written English. May be used as a 4th year of English.

MATHEMATICS

4650 ALGEBRA I

GRADE PLACEMENT: 9
PREREQUISITE: NONE
CREDIT: 1 UNIT
03100500

Uses a variety of representations (concrete, numerical, algorithmic, and graphical) to expand the understanding of functions, linear functions and quadratic and other nonlinear functions. Graphing calculators will be used extensively in this course.

9411 FUNDAMENTALS OF ALGEBRA I

GRADE PLACEMENT: 9
CREDIT: 1 UNIT
03100505

Emphasizes math skills needed to simplify expressions and solve equations. Includes understanding of properties, graphing, functions, and use of various problem-solving methods. The modified content is based on the TEKS. Satisfies math credit for graduation.

0326 PAS ALGEBRA I

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT
03100500

Uses a variety of representations (concrete, numerical, algorithmic, and graphical) to expand the understanding of functions, quadratic, linear functions and other nonlinear functions. Instructional techniques will vary to accommodate the student's IEP/BIP.

7693 STEP UP

GRADE PLACEMENT: 9-11
PREREQUISITE: TEACHER RECOMMENDATION
CREDIT: 1 UNIT (LOCAL)
84100693

Leads students back through arithmetic to fill in holes or realign their understanding from an algebraic perspective. The course covers essential Algebra I concepts and is designed to develop students' conceptual strength and reasoning prowess. Graphing calculators will be used extensively in this course. Technology programs will be integrated throughout the course. Step Up is taken concurrently with Algebra I.

9414 FUNDAMENTAL STEP-up

GRADE PLACEMENT: 9- 11
REQUIRES CONCURRENT ENROLLMENT IN FUNDAMENTALS OF ALGEBRA I
CREDIT: 1 UNIT
84100414

Focuses on filling in gaps in understanding of math from an algebraic perspective. The course covers essential Algebra I concepts and is designed to develop students' conceptual strength and reasoning prowess. Graphing calculators will be used extensively in this course. Technology programs will be integrated throughout the course. Fundamentals of Step Up is taken concurrently with Fundamentals of Algebra I. Adapted to meet the needs outlined in the student's IEP.

1411 PRE DIPLOMA ALGEBRA I

GRADE PLACEMENT: 9
PREREQUISITE: TEACHER ADVANCEMENT AND/OR IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT
03100500

Uses a variety of representations (concrete, numerical, algorithmic, and graphical) to expand the understanding of functions, linear functions and quadratic and other nonlinear functions. Graphing calculators will be used extensively in this course. Pre Diploma Algebra I is intended to prepare the highly motivated, advanced student for future IB level coursework.

IB Diploma Programme – at RHS Campus only.

4785 STAAR MATHEMATICS

GRADE PLACEMENT: 9 - 12
PREREQUISITE: NON-MASTERY OF PREVIOUS STAAR MATH
CREDIT: 1/2 UNIT - LOCAL CREDIT
84100785

Focuses on the objectives needed to be successful on the STAAR exam, which is required for graduation, based on the individual student's previous STAAR analysis. Graphing calculators will be used extensively in this course.

MATHEMATICS

4670 GEOMETRY

GRADE PLACEMENT: 9 - 10
PREREQUISITE: ALGEBRA I
CREDIT: 1 UNIT
03100700

Uses of a variety of representations (concrete, pictorial, algebraic, and coordinate) to expand the understanding of geometric structure, patterns, dimensionality, congruence and similarity. Graphing calculators will be used extensively in this course. Technology programs will be integrated throughout the course.

9412 FUNDAMENTALS OF GEOMETRY

GRADE PLACEMENT: 10
CREDIT: 1 UNIT
03100705

Emphasizes math skills needed to analyze geometric relationships, patterns, congruence, similarity, and coordinate system. Includes a variety of representations to solve problems. Based on a modified content of the TEKS. Satisfies math credit for graduation.

0330 PAS GEOMETRY

GRADE PLACEMENT: 10
CREDIT: 1 UNIT
03100700

Uses a variety of representations (concrete, Pictorial, algebraic and coordinate) to expand the understanding of geometric structure, patterns, dimensionality, congruence and similarity. Instructional techniques will vary to accommodate the student's IEP/BIP.

4680 PRE AP GEOMETRY

GRADE PLACEMENT: 9 - 10
PREREQUISITE: ALGEBRA I
CREDIT: 1 UNIT
03100700

Uses the same content as Geometry, but major emphasis is placed upon the development of logical thinking in the writing of complex geometric proofs and the application of geometric concepts of algebra and trigonometry. Graphing calculators will be used extensively in this course. Technology programs will be integrated throughout the course.

1412 PRE DIPLOMA GEOMETRY

GRADE PLACEMENT: 9-10
PREREQUISITE: ALGEBRA I, TEACHER RECOMMENDATION AND/OR IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT
03100700

Expands the understanding of geometric structure, patterns, dimensionality, congruence, and similarity. The focus is on problem-solving and situational application of math concepts. Graphing calculators will be used extensively and technology programs will be integrated throughout the course. Pre Diploma Geometry is intended to prepare the highly motivated, advanced student for future IB level coursework.

IB Diploma Programme – at RHS campus only.

4690 ALGEBRA II

GRADE PLACEMENT: 9 - 12
PREREQUISITE: ALGEBRA I AND GEOMETRY
CREDIT: 1 UNIT
03100600

Uses a variety of representations (concrete, numerical, algorithmic, graphical) to expand the understanding of functions, the relationship between algebra and geometry, quadratic, square root, rational, exponential and logarithmic functions. Graphing calculators will be used extensively in this course.

4700 PRE AP ALGEBRA II

GRADE PLACEMENT: 9 - 12
PREREQUISITE: ALGEBRA I AND GEOMETRY
CREDIT: 1 UNIT
03100600

Uses the same knowledge and skills as Algebra II, but the concepts of Trigonometry are an integral part. Students are expected to enroll in Pre-calculus upon completion of this course. Graphing calculators will be used extensively in this course.

MATHEMATICS

1413 PRE DIPLOMA ALGEBRA II

GRADE PLACEMENT: 10
PREREQUISITE: PRE DIPLOMA GEOMETRY, TEACHER RECOMMENDATION, AND/OR IB DIPLOMA PROGRAMME
ADMISSION
CREDIT: 1 UNIT
03100600

Expands the understanding of the relationship between algebra and geometry, quadratic, square root, rational, exponential and logarithmic functions. The focus is on problem-solving and situational application of math concepts. Graphing calculators will be used extensively and technology programs will be integrated throughout the course. Pre Diploma Algebra II is intended to prepare the highly motivated, advanced student for future IB level coursework.

IB Diploma Programme – at RHS campus only

4710 MATHEMATICS MODELS WITH APPLICATIONS

GRADE PLACEMENT: 10-11
PREREQUISITE: ALGEBRA I
CREDIT: 1 UNIT
03102400

Teaches students to use algebraic, graphical, and geometric reasoning to recognize patterns and structure, to model information, and to solve problems from various disciplines. Graphing calculators will be used extensively in this course. **This course may not be taken after a student earns any credit for Algebra II.**

9413 FUNDAMENTALS OF MATH MODELS

GRADE PLACEMENT: 11
CREDIT: 1 UNIT
03102400

Emphasizes math skills needed to study patterns and analyze data. Includes the use of equations, formulas, and strategies needed by consumers to solve routine problems. Based on a modified content of the TEKS. Satisfies math credit for graduation.

0311 PAS MATH MODELS

GRADE PLACEMENT: 11-12
CREDIT: 1 UNIT
03102400

Teaches students to use algebraic, graphical and geometric reasoning to recognize patterns and structure, to model information, and to solve problems from various disciplines. Instructional techniques will vary to accommodate the student's IEP/BIP.

4769 PRE-CALCULUS

GRADE PLACEMENT: 10-12
PREREQUISITE: GEOMETRY AND ALGEBRA II
CREDIT: 1 UNIT
03101100

Presents an analytical view of the underlying structure of mathematics through the study of functions and the properties of limits and continuity and extends the concepts introduced in Algebra and Geometry. The course will provide a bridge to Advanced Placement Calculus AB and students are expected to enroll in Calculus upon successful completion of the course. Graphing calculators will be used extensively in this course.

4770 PRE AP PRE-CALCULUS

GRADE PLACEMENT: 10-12
PREREQUISITE: GEOMETRY AND ALGEBRA II
CREDIT: 1 UNIT
03101100

Presents an analytical view of the underlying structure of mathematics through the study of functions and the properties of limits and continuity and extends the concepts introduced in Algebra and Geometry. The course will provide a bridge to Advanced Placement Calculus BC and students are expected to enroll in Calculus upon successful completion of the course. Graphing calculators will be used extensively in this course.

MATHEMATICS

1414 PRE DIPLOMA PRE-CALCULUS

GRADE PLACEMENT: 10-12
PREREQUISITE: GEOMETRY AND ALGEBRA II
CREDIT: 1 UNIT
03101100

Provides an analytical view of the underlying structure of mathematics through the study of functions and the properties of limits and continuity and extends the concepts introduced in Algebra and Geometry. Graphing calculators will be used extensively in this course. Pre Diploma Pre-Calculus is intended to prepare the highly motivated, advanced student for future IB level coursework.

4780 AP CALCULUS AB

GRADE PLACEMENT: 11-12
PREREQUISITE: PRE-CALCULUS
CREDIT: 1 UNIT
A3100101

Includes techniques and applications of the derivative, techniques and applications of the definite integral, and the Fundamental Theorem of Calculus. It is equivalent to at least a semester of calculus at most colleges and universities. Algebraic, numerical, and graphical representations are emphasized throughout the course. Prepares the student to take the Advanced Placement examination for possible college credit.

4781 AP CALCULUS BC

GRADE PLACEMENT: 11-12
PREREQUISITE: PRE-CALCULUS
CREDIT: 1 UNIT
A3100102

Includes all the topics of Calculus AB (techniques and applications of the derivative, techniques and applications of the definite integral, and the Fundamental Theorem of Calculus) plus additional topics in differential and integral calculus (including parametric, polar, and vector functions) and series. It is equivalent to at least a year of calculus at most colleges and universities. Algebraic, numerical, and graphical representations are emphasized throughout the course. Prepares the student to take the Advanced Placement examination for possible college credit.

4795 AP STATISTICS

GRADE PLACEMENT: 11-12
PREREQUISITE: ALGEBRA II
CREDIT: 1 UNIT
A3100200

Introduces the major concepts and tools for collecting, analyzing and drawing conclusions from data. In addition, offers an examination for students desiring to earn credit for a one-semester, introductory, non-calculus based college course in statistics. Graphing calculators will be used extensively in this course. Technology programs will be integrated throughout the course.

1415 IB MATHEMATICAL STUDIES (SL)

GRADE PLACEMENT: 12
PREREQUISITE: PRE-DIPLOMA ALGEBRA 2 AND/OR IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT
13100100

Surveys important advanced mathematical concepts of algebra, geometry, trigonometry, statistics and probability, and calculus. The focus is on problem-solving and situational application of math concepts. This course is ideal for IB candidates whose future study plans are not math-centered. Research projects are required. IB Mathematical Studies may fulfill one of the three required Standard Level components for the IB Diploma Candidate. All students participating in the course will be required to complete all IB assessments associated with this class

MATHEMATICS

1416 IB MATHEMATICS I (SL)

GRADE PLACEMENT: 11
PREREQUISITE: PRE DIPLOMA ALGEBRA II OR PRE AP PRE-CALCULUS AND/OR IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT
13100200

Surveys important advanced mathematical concepts of algebra, geometry, trigonometry, statistics and probability, and calculus in greater depth than IB Math Studies. This course is ideal for the advanced student who has a developed aptitude in math and who might be planning on pursuing a math-related collegiate path. Research projects are required. IB Mathematics A may fulfill one of the three required Standard Level Components for the IB Diploma Candidate, provided that IB Mathematics B is taken the following year. All students participating in the course will be required to complete all IB assessments associated with this class.

IB Diploma Programme – at RHS campus only.

1418 IB MATHEMATICS II (SL)

GRADE PLACEMENT: 12
PREREQUISITE: IB MATHEMATICS I AND/OR IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT
13100400

Continues to survey important advanced mathematical concepts of algebra, geometry, trigonometry, statistics and probability, and calculus in greater depth than IB Math Studies. This course is ideal for the advanced student who has a developed aptitude in math and who might be planning on pursuing a math-related collegiate path. Research projects are required. IB Mathematics A may fulfill one of the three required Standard Level components for the IB Diploma Candidate, provided that the student earned credit in IB Mathematics I the previous year. All students participating in the course will be required to complete all IB assessments associated with this class.

IB Diploma Programme – at RHS campus only.

1417 IB MATHEMATICS (HL)

GRADE PLACEMENT: 12
PREREQUISITE: IB MATHEMATICS A AND/OR IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT
13100300

Surveys important advanced mathematical concepts of algebra, geometry, trigonometry, statistics and probability, and calculus in greater depth than IB Math Studies SL. The focus is on the development of logical, critical, and creative thinking as well as strengthening and refining student powers of abstraction and generalization. This course is ideal for the advanced student who has a developed aptitude in math and who might be planning on pursuing a math-related collegiate path. Research projects are required. IB Mathematics A may fulfill one of the three required Standard Level components for the IB Diploma Candidate, provided that the student earned credit in IB Mathematics A the previous year. All students participating in the course will be required to complete all IB assessments associated with this class.

IB Diploma Programme – at RHS campus only.

9211 APPLIED ALGEBRA I

GRADE PLACEMENT: 9
CREDIT: 1 UNIT
03100507

Student will focus on consumer awareness of basic math skills and how it relates to community and independent needs. Adapted to meet the needs outlined in student's IEP.

9111 DEVELOPMENTAL ALGEBRA I

CREDIT: 1 UNIT
03100507

Individualized instruction that emphasizes music and rhythm for students with severe cognitive and physical disabilities.
RLT campus only.

MATHEMATICS

9212 APPLIED GEOMETRY

GRADE PLACEMENT: 10
CREDIT: 1 UNIT
03100707

Student will focus on consumer application in the use of money, problem solving and fundamental skills. Adapted to meet the needs outlined in student's IEP.

9112 DEVELOPMENTAL GEOMETRY

CREDIT: 1 UNIT
03100707

Individualized instruction emphasizes music and rhythm for students with severe cognitive and physical disabilities.
RLT campus only.

9213 APPLIED MATH MODELS

GRADE PLACEMENT: 11
CREDIT: 1 UNIT
84100213

Student will focus on development and application of math skills in employment and independent living needs. Adapted to meet the needs outlined in student's IEP.

9113 DEVELOPMENTAL MATH MODELS

CREDIT: 1 UNIT
84100113

Individualized instruction emphasizes music and rhythm for students with severe cognitive and physical disabilities.
RLT campus only.

9214 APPLIED MATH PLUS

GRADE PLACEMENT: 12+
CREDIT: 1 UNIT
84100214

Student will continue to use a variety of practical real-life situations that facilitate the understanding of using mathematics in daily living exercises. Adapted to meet the needs outlined in student's IEP.

9114 DEVELOPMENTAL MATH PLUS

CREDIT: 1 UNIT
84100114

Individualized instruction emphasizes music and rhythm for students with severe cognitive and physical disabilities.
RLT campus only.

MATHEMATICS – INDEPENDENT STUDY

A STUDENT MAY EARN ONLY ONE CREDIT FOR INDEPENDENT STUDY IN MATHEMATICS IN HIS/HER HIGH SCHOOL CAREER. THIS CREDIT MAY BE EARNED BY ENROLLING IN THE FOLLOWING COURSES: ADVANCED QUANTITATIVE REASONING, COLLEGE ALGEBRA, TRIGONOMETRY, CALCULUS III OR DIFFERENTIAL EQUATIONS.

4796 ADVANCED QUANTITATIVE REASONING – INDEPENDENT STUDY IN MATHEMATICS

GRADE PLACEMENT: 12
PREREQUISITE: ALGEBRA II
CREDIT: 1 UNIT
03102500

Designed for students who have completed Algebra II and need a fourth year math course that extends on mathematical concepts beyond Algebra II. The course study is focused on analyzing numerical data, probability, analyzing statistical studies, designing a study, a discrete look at change, other models of change, spatial and geometric modeling, networks and graphs, and decision making in finance as well as voting and selection process.

4783 COLLEGE ALGEBRA – INDEPENDENT STUDY IN MATHEMATICS

GRADE PLACEMENT: 12
PREREQUISITE: ALGEBRA II
CREDIT: 1/2 UNIT
03102500

Reviews skills in intermediate algebra and further develops rational expressions, roots, exponents and radicals. Covers quadratic inequalities, relations, functions and graphs and systems of non-linear equations. Studies relations and functions including polynomial, rational, exponential, logarithmic, and special functions. Other topics include complex numbers, systems of equations and inequalities, theory of equations, progressions, the binomial theorem, proofs, and applications. Upon successful completion of the second semester of this course, the student receives 4 credit hours at Brookhaven (Dual Credit – Math 1414). A minimum score on the SAT, ACT, or Accuplacer is required by Brookhaven College.

Associated costs to student. The college textbook for College Algebra (Math 1414) must be purchased by the student.

4793 TRIGONOMETRY – INDEPENDENT STUDY IN MATHEMATICS

GRADE PLACEMENT: 12
PREREQUISITE: COLLEGE ALGEBRA
CREDIT: 1/2 UNIT
03102501

Focuses on the study of angular measures, trigonometric functions, identifies solutions of triangles, equations, inverse trigonometric functions, complex numbers, and applications.

Dual Credit Course.

4782 CALCULUS III – INDEPENDENT STUDY IN MATHEMATICS (1ST TIME TAKEN)

GRADE PLACEMENT: 12
PREREQUISITE: AP CALCULUS
CREDIT: 1/2 UNIT
03102500

Focuses on the study of vectors and analytic geometry in 3-space; partial and directional derivatives; extrema; double and triple integrals and applications; cylindrical and spherical coordinates.

Dual credit course and 3 hours UNT college credit.

4784 DIFFERENTIAL EQUATIONS I – INDEPENDENT STUDY IN MATHEMATICS (2ND TIME TAKEN)

GRADE PLACEMENT: 12
PREREQUISITE: AP CALCULUS
CREDIT: 1/2 UNIT
03102501

Focuses on first order equations, existence uniqueness theorem, linear equations, separation of variables, higher order linear equations, systems of linear equations, series solutions and numerical solutions..

Dual credit course and 3 hours UNT college credit.

SCIENCE

6616 INTEGRATED PHYSICS & CHEMISTRY

GRADE PLACEMENT: 9-10 RECOMMENDED

PREREQUISITE: NONE

CREDIT: 1 UNIT

03060201

Builds on concepts in physics and chemistry and their relationship to living systems, the earth's structure, astronomy, and other physical and chemical phenomena observed. This course emphasizes the laboratory, higher order thinking, and interrelationships between the sciences.

0345 PAS IPC

GRADE PLACEMENT: 9-10

CREDIT: 1 UNIT

03060201

Builds on concepts in physics and chemistry and their relationship to living systems, the earth's structure, astronomy, and other physical and chemical phenomena observed. It follows a coordinated thematic approach including topics: motion, waves, energy transformation, properties of matter, changes in matter and solution chemistry. The course emphasizes the laboratory, higher order thinking, and interrelationships between the sciences. Instructional techniques will vary to accommodate the student's IEP/BIP.

6620 BIOLOGY I

GRADE PLACEMENT: 9-10

PREREQUISITE: NONE

CREDIT: 1 UNIT

03010200

Provides an introductory laboratory course in biology. Topics include: cellular functions, microorganisms, plant and animal processes, animal and plant classification, genetics, and ecology. Safety and manipulative laboratory skills are stressed. Students will conduct both field and laboratory investigations.

0348 PAS BIOLOGY

GRADE PLACEMENT: 9

CREDIT: 1 UNIT

03010200

Provides an introductory laboratory course in biology. Topics include: cellular functions, microorganisms, plant and animal processes, animal and plant classification, genetics, and ecology. Safety and manipulative laboratory skills are stressed. Students will conduct both field and laboratory investigations. Instructional techniques will vary to accommodate the student's IEP/BIP.

6625 PRE AP BIOLOGY I

GRADE PLACEMENT: 9-10

PREREQUISITE: TEACHER RECOMMENDATION

CREDIT: 1 UNIT

03010200

Provides an introductory biology course for the student who is highly motivated in science. It provides a more in-depth study of the topics covered in Biology. Included are laboratory activities which enhance creativity, provide individual research opportunities, and field investigations.

6635 AP BIOLOGY

GRADE PLACEMENT: 10-12

PREREQUISITE: 1 YR. OF BIOLOGY I; CHEMISTRY I OR TAKING CONCURRENTLY

CREDIT: 1 UNIT

A3010200

Offers a college-level second year Biology program. It is designed for those who have high interest and motivation in this area of study. The course prepares the student to take the Advanced Placement Examination for possible college credit.

SCIENCE

1421 PRE DIPLOMA BIOLOGY

GRADE PLACEMENT: 9
PREREQUISITE: TEACHER ADVISEMENT AND/OR IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT
03010200

Provides an introductory biology course that is a more in-depth study of cellular functions, microorganisms, plant and animal processes, animal and plant classification, genetics, and ecology. Included are laboratory activities which enhance creativity, provide individual research opportunities, and field investigations. Pre Diploma Biology is intended to prepare the highly motivated, advanced student for future IB level coursework.

IB Diploma Programme – at RHS campus only

1427 IB BIOLOGY I (SL)

GRADE PLACEMENT: 11
PREREQUISITE: CHEMISTRY, ALGEBRA II, AND/OR IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT
I3010200

Explores the topics and concepts of biology from both a quantitative and theoretical approach. Instruction will focus on laboratory application and problem solving processes to encourage critical thinking and personal exploration. Research projects are required. IB Biology I may fulfill one of the three required Standard Level components for the IB Diploma Candidate, provided that IB Biology II is taken the following year. Students will be required to complete all IB assessments associated with this course..

IB Diploma Programme – at RHS campus only

1428 IB BIOLOGY II (HL)

GRADE PLACEMENT: 12
PREREQUISITE: IB BIOLOGY I AND/OR IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT
13037200

Continues to explore the topics and concepts of biology from both a quantitative and theoretical approach. Instruction will focus on laboratory application and problem solving processes to encourage critical thinking and personal exploration. Research projects are required. IB Biology II may fulfill one of the three required Standard Level components for the IB Diploma Candidate, provided that IB Biology I was taken the previous year. Students will be required to complete all IB assessment associated with this course.

IB Diploma Programme – at RHS campus only

6640 CHEMISTRY I

GRADE PLACEMENT: 10-12
PREREQUISITE: 1 YR. SCIENCE AND GEOMETRY OR TAKING CONCURRENTLY
CREDIT: 1 UNIT
03040000

Provides a complete course in the concepts of chemistry including the study of the properties of matter, atomic theory, Periodic Table, chemical bonding, the mole concept, chemical reactions, principles of ideal gas, behavior of solutions, and nuclear chemistry.

6645 PRE AP CHEMISTRY I

GRADE PLACEMENT: 10-12
PREREQUISITE: 1 YR. SCIENCE AND GEOMETRY OR TAKING CONCURRENTLY
CREDIT: 1 UNIT
03040000

Extends concepts for the student who has a high interest in chemistry, has done well in science and mathematics and is able to grasp high level skills. Laboratory activities are presented that are appropriate for the topics under study and provide opportunities for individual research.

SCIENCE

1422 PRE DIPLOMA CHEMISTRY

GRADE PLACEMENT: 10
PREREQUISITE: PRE-DIPLOMA BIOLOGY, ALGEBRA II (OR TAKING CONCURRENTLY) AND/OR IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT
03040000

Provides a complete course in the concepts of chemistry including extended study on the atomic structure, the periodic table, chemical bonding, the mole concept, and chemical reactions. Solving problems using the mole concept, gas laws, ionization, acid-base theories, pH equilibrium, oxidation-reduction reactions and an introduction to organic chemistry are included. Laboratory opportunities are presented that are appropriate for the topics under study and provide opportunities for individual research. Pre-Diploma Chemistry is intended to prepare the highly motivated, advanced student for future IB level coursework.

IB Diploma Programme – at RHS campus only.

1423 IB CHEMISTRY 1 (SL)

GRADE PLACEMENT: 11
PREREQUISITE: PRE-DIPLOMA CHEMISTRY, ALGEBRA II, AND/OR IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT
13040001

Explores the complete concepts of chemistry from both a quantitative and theoretical approach. Instruction will focus on laboratory application and problem solving processes to encourage critical thinking and personal exploration. Research projects are required. IB Chemistry I may fulfill one of the three required Higher Level components for the IB Diploma Candidate, provided that IB Chemistry 2 is taken the following year. All students participating in the course will be required to complete all IB assessments associated with this class. Students may choose to test for Advanced Placement credit.

IB Diploma Programme – at RHS campus only.

1424 IB CHEMISTRY II (HL)

GRADE PLACEMENT: 12
PREREQUISITE: IB CHEMISTRY I AND/OR IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT
13037210

Continues to explore complete concepts of chemistry from both a quantitative and theoretical approach. Instruction will focus on more extensive laboratory application and problem solving processes to encourage critical thinking and personal exploration. Research projects are required. IB Chemistry 2 may fulfill one of the three required Higher Level components for the IB Diploma Candidate, provided that the student earned credit in IB Chemistry 1 the previous year. All students participating in the course will be required to complete all IB assessments associated with this class. Students may choose to test for Advanced Placement credit.

IB Diploma Programme – at RHS campus only.

6650 AP CHEMISTRY II

GRADE PLACEMENT: 11-12
PREREQUISITE: 1 YR. SCIENCE AND ALGEBRA II OR TAKING CONCURRENTLY)
CREDIT: 1 UNIT
A3040000

Offers a college-level, second year chemistry program. Provides an in-depth chemistry program that shows greater depth and complexity of chemistry concepts. Laboratory activities are presented that are appropriate for the topics under study and provide opportunities for individual research. This course prepares the student to take the Advanced Placement examination for possible college credit.

SCIENCE

6637 ANATOMY AND PHYSIOLOGY

GRADE PLACEMENT: 11-12
PREREQUISITE: BIOLOGY I AND CHEMISTRY I
CREDIT: 1 UNIT
13020600

Extends understanding of the structure and function of the human body. Higher order thinking is stressed through assessment and synthesis of anatomical knowledge combined with exposure to clinical analysis.

6655 PHYSICS

GRADE PLACEMENT: 9-12
PREREQUISITE: 1 YR. SCIENCE AND ALGEBRA I OR TAKING CONCURRENTLY
CREDIT: 1 UNIT
03050000

Provides a complete course in the concepts of Physics. Laboratory activities are presented appropriately for the topics being studied. Topics include: a study of motion, force and energy, electro-magnetism, electricity, electromagnetic radiation, optics, sound and nuclear energy.

6656 PRE AP PHYSICS

GRADE PLACEMENT: 9-12
PREREQUISITE: 1 YR. SCIENCE AND ALGEBRA I OR TAKING CONCURRENTLY
CREDIT: 1 UNIT
03050000

Offers the student who has a high interest in science and has done well in both science and mathematics. Learnings emphasize higher order thinking skills and quantitative applications of theory. Topics are the same as Physics I but show a greater depth and complexity. In both semesters, laboratory activities are presented appropriate for the topics being studied and allow for individual research and creativity.

ECHS & METSA only

6660 AP PHYSICS 1

GRADE PLACEMENT: 10-12
PREREQUISITE: ALGEBRA I AND GEOMETRY
CREDIT: 1 UNIT
A3050001

Offers an algebra-based physics course equivalent to a first-semester college course in algebra-based physics, but is designed to be taught over a full academic year to enable students to develop deep understanding of the content and to focus on applying their knowledge through inquiry labs. The course includes Newtonian mechanics; work, energy, and power; mechanical waves and sound; with an introduction to electric circuits. This course prepares students to take the Advanced Placement Physics 1 examination for possible college credit.

6662 AP PHYSICS 2

GRADE PLACEMENT: 11-12
PREREQUISITE: PHYSICS, PREAP PHYSICS OR AP PHYSICS 1 AND PRECALCULUS (OR CONCURRENT ENROLLMENT IN PRECALCULUS)
CREDIT: 1 UNIT
A3050002

Offers an algebra-based physics course equivalent to a second-semester college course in algebra-based physics, but is designed to be taught over a full academic year to enable students to develop deep understanding of the content and to focus on applying their knowledge through inquiry labs. The course includes fluid mechanics; thermodynamics; electricity and magnetism; optic; atomic and nuclear physics. This course prepares students to take the Advanced Placement Physics 2 examination for possible college credit.

SCIENCE

6663 AP PHYSICS C

GRADE PLACEMENT: 11-12
PREREQUISITE: PHYSICS I OR PHYSICS I HONORS, CALCULUS (OR CONCURRENT ENROLLMENT IN CALCULUS)
CREDIT: 1 UNIT
A3050002

Offers a college-level, second year physics program for students interested in majoring in physical sciences or engineering. Methods of calculus are used in formulating physical principles and in applying them to physical problems. Equal emphasis is placed in two major areas: mechanics and electricity and magnetism. This course prepares students to take the Advanced Placement Physics C Examination for possible college credit.

1425 IB PHYSICS I (SL)

GRADE PLACEMENT: 11
PREREQUISITE: CHEMISTRY, ALGEBRA 2, AND IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT
I3050001

Explores the concepts of physics from both a quantitative and theoretical approach. Instruction will focus on laboratory application and problem solving processes to encourage critical thinking and personal exploration. Research projects are required. IB Physics 1 may fulfill one of the three required Standard Level components for the IB Diploma Candidate, provided that IB Physics 2 is taken the following year. Students will be required to complete all IB assessments associated with this course.

IB Diploma Programme – at RHS campus only.

1426 IB PHYSICS II (SL)

GRADE PLACEMENT: 12
PREREQUISITE: IB PHYSICS I AND/OR IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT
I3037220

Continues to explore the concepts of physics from both a quantitative and theoretical approach. Instruction will focus on laboratory application and problem solving processes to encourage critical thinking and personal exploration. Research projects are required. IB Physics 2 may fulfill one of the three required Standard Level components for the IB Diploma Candidate, provided that IB Physics I was taken the previous year. Students will be required to complete all IB assessments associated with this course.

IB Diploma Programme – at RHS campus only.

6670 ASTRONOMY

GRADE PLACEMENT: 11-12
PREREQUISITE: 2 YRS. OF LABORATORY SCIENCE
CREDIT: 1 UNIT
03060100

Provides a laboratory course where students acquire knowledge about the sun, planets, moon, and stars. Topics included are: information about the universe; scientific theories of the evolution of the universe; characteristics and the life cycle of stars; exploration of the universe; role of the sun in our solar system; planets; and the orientation and placement of the Earth.

6615 ENVIRONMENTAL SYSTEMS

GRADE PLACEMENT: 11-12
PREREQUISITE: 2 YRS. OF LABORATORY SCIENCE
CREDIT: 1 UNIT
03020000

Provides a course which explores the principles of the environment. Topics included are: biotic and abiotic factors in habitats; ecosystems and biomes; interrelationships among resources and an environmental system; relationship between carrying capacity and changes in populations and ecosystems and changes in the environment.

SCIENCE

6617 PAS ENVIRONMENTAL SYSTEMS

GRADE PLACEMENT: 11-12
CREDIT: 1 UNIT
03020000

Provides a course which explores the principles of the environment. Topics included are: biotic and abiotic factors in habitats; ecosystems and biomes; interrelationships among resources and an environmental system; relationship between carrying capacity and changes in populations and ecosystems and changes in the environment. Instructional techniques will vary to accommodate the student's IEP/BIP.

6611 AP ENVIRONMENTAL SCIENCE

GRADE PLACEMENT: 11-12
PREREQUISITE: BIOLOGY, CHEMISTRY, ALGEBRA II
CREDIT: 1 UNIT
A3020000

Provides students with in-depth scientific principles, concepts, and methodologies to understand the interrelationships of the natural world, to identify and analyze issues (natural and man-made), analyze associated risks, and examine the possible solutions. This course is interdisciplinary in nature and embraces seven content areas as described by the College Board.

6675 LABORATORY MANAGEMENT

GRADE PLACEMENT: 11-12
PREREQUISITE: COMPLETION OF 2 YRS. OF LABORATORY SCIENCE, ONE OF WHICH IS CHEMISTRY,
(TEACHER RECOMMENDATION) FOR LOCAL CREDIT ONLY
CREDIT: 1/2 UNIT (LOCAL)
84800675

Allows a student to assist a teacher or teachers in setting up and carrying out laboratory activities, keeping laboratory materials in order, and performing other laboratory management duties as assigned by the supervising teacher(s). Elective science credit will be earned through this course. The course may be repeated to earn a maximum of one credit.

8253 SCIENTIFIC RESEARCH AND DESIGN I (INDEPENDENT STUDY)

GRADE PLACEMENT: 11-12
PREREQUISITE: COMPLETION OF TWO YEARS OF LABORATORY SCIENCE
CREDIT: 1 UNIT
13037200

Provides the accelerated student with the opportunity to conduct an independent research project in the science of their major interest. Instruction in methods of research, advanced instrumentation, and presentation of findings is provided. This course meets one of the Distinguished Achievement Program measures.

**RLT Campus Ignite I*

8254 SCIENTIFIC RESEARCH AND DESIGN II (IGNITE AERO SCIENCE STUDIES)

GRADE PLACEMENT: 11-12
PREREQUISITE: PHYSICS, PREAP PHYSICS OR CONCURRENT ENROLLMENT IN PHYSICS
CREDIT: 1 UNIT
13037210

Provides students with an opportunity to design and develop remotely operated vehicles for research or work application. The curriculum is physics-based and includes technological application of the four main energy systems: mechanical, fluid, electrical and thermal. Through a project/problem-based format, the course is designed to increase critical thinking and analysis skills using unmanned aerial vehicles involving science and engineering knowledge. This course will promote engineering studies and research, develop work force skills, and encourage students to enter academic and career paths that lead to careers in the engineering industries.

**RLT Campus Ignite II*

SCIENCE

7383 FORENSIC SCIENCE

GRADE PLACEMENT: 11-12
PREREQUISITE: BIOLOGY AND CHEMISTRY WITH A RECOMMENDATION OF PRINCIPLES OF LAW, PUBLIC SAFETY, CORRECTIONS AND SECURITY AND/OR LAW ENFORCEMENT I
CREDIT: 1 UNIT
13029500

Allows students to participate in the collection and preservation of crime scene evidence, crime laboratory techniques and the human anatomy and physiology necessary for the analysis of evidence.

1644 STAAR SCIENCE

GRADE PLACEMENT: 10-12
PREREQUISITE: NON-MASTERY OF PREVIOUS STAAR SCIENCE
CREDIT: 1/2 UNIT (LOCAL)
84800644

Focuses on the objectives needed to be successful on the science STAAR exam, which is required for graduation. Student results from the previous STAAR assessment are used to focus learning on the student's individual needs.

8227 ADVANCED PLANT & SOIL SCIENCE

GRADE PLACEMENT: 12
PREREQUISITE: 3 YEARS OF SCIENCE OR THIRD YEAR CONCURRENTLY
CREDIT: 1 UNIT
13002100

Allows students to investigate the importance of plant and soil science and its relationship affecting the production of food and fiber industry. Students will assess the plant ecosystem, erosion processes, petroleum energy, crop production, and genetically engineered plants and their importance to solving world hunger. This class will have 40% of class time instruction to conduct field experiments, laboratory investigation.

8239 FOOD SCIENCE

GRADE PLACEMENT: 12
PREREQUISITE: 3 YEARS OF SCIENCE AND TEACHER APPROVAL
CREDIT: 1 UNIT
13023000

Provides an introductory laboratory course in food science. Students will investigate the study of scientific principles and procedures stressing safety and manipulative laboratory skills. Included are laboratory activities which enhance creativity, provide individual research opportunities and field investigation.

8229 ADVANCED ANIMAL SCIENCE

GRADE PLACEMENT: 12
PREREQUISITE: 3 YEARS OF SCIENCE OR THIRD YEAR CONCURRENTLY
CREDIT: 1 UNIT
13000700

Develop and investigate the scientific and technological dimensions of scientific animal agriculture, genetics and reproduction, anatomy and physiology of various livestock species, nutritional requirements, and disease and parasites of livestock. This class is recommended for those students with an interest in veterinary science.

9221 APPLIED BIOLOGY I

GRADE PLACEMENT: 9-10
CREDIT: 1 UNIT
03010207

Student will investigate science related to home, school and community through the use of activity-based studies. Adapted to meet the needs outlined in student's IEP.

SCIENCE

9121 DEVELOPMENTAL BIOLOGY I

CREDIT: 1 UNIT
03010207

Individualized instruction that emphasizes routine and structure for students with severe cognitive and physical disabilities.
RLT campus only.

9222 APPLIED IPC

GRADE PLACEMENT: 10-12
CREDIT: 1 UNIT
84800222

Student will investigate science related to home and independent living through the use of activity-based studies including a study of plants and animals. Adapted to meet the needs outlined in student's IEP.

9122 DEVELOPMENTAL IPC

CREDIT: 1 UNIT
84800122

Individualized instruction that emphasizes routine and structure for students with severe cognitive and physical disabilities.
RLT campus only.

9223 APPLIED SCIENCE PLUS

GRADE PLACEMENT: 11+
CREDIT: 1 UNIT
84800223

Student will investigate science related to independent living and employability through the use of activity-based studies including a study of the solar system and properties of matter. Adapted to meet the needs outlined in student's IEP.

9123 DEVELOPMENTAL SCIENCE PLUS

CREDIT: 1 UNIT
84800123

Individualized instruction that emphasizes routine and structure for students with severe cognitive and physical disabilities.
RLT campus only.

SOCIAL STUDIES

7980 WORLD GEOGRAPHY STUDIES

GRADE PLACEMENT: 9
PREREQUISITE: NONE
CREDIT: 1 UNIT
03320100

Thematically examines the interaction of people and cultures with their physical environment in order to explain geographic influences on events of the past, present, and future.

9230 APPLIED WORLD GEOGRAPHY

GRADE PLACEMENT: 9
CREDIT: 1 UNIT
03320107

Student will focus on his/her home and school. Map skills will be introduced and developed through the use of a variety of activities. Adapted to meet the needs outlined in student's IEP.

9130 DEVELOPMENTAL WORLD GEOGRAPHY

CREDIT: 1 UNIT
03320107

Individualized instruction that emphasizes the environment for students with severe cognitive and physical disabilities.
RLT campus only.

0363 PAS WORLD GEOGRAPHY

GRADE PLACEMENT: 9
CREDIT: 1 UNIT
03320100

Examines the interaction of people and cultures with their physical environment in major area of the world in order to describe geographic influences on events of the past, present and future. Physical, cultural, economic, and political aspects of geography are studied followed by an application of these concepts to major regions. Instructional techniques will vary to accommodate the student's IEP/BIP.

7981 PRE AP WORLD GEOGRAPHY STUDIES

GRADE PLACEMENT: 9
PREREQUISITE: NONE
CREDIT: 1 UNIT
03320100

Investigates the major forces shaping the world and its people. Examines the interaction of people and cultures with their physical environment.

7982 AP HUMAN GEOGRAPHY

GRADE PLACEMENT: 9
PREREQUISITE: TEACHER RECOMMENDATION
CREDIT: 1 UNIT
A3360100

Introduces students to the systematic study of patterns and processes that shaped human understanding, use, and modification of Earth's surface. Students employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications.

SOCIAL STUDIES

1431 PRE DIPLOMA WORLD GEOGRAPHY

GRADE PLACEMENT: 9
PREREQUISITE: TEACHER RECOMMENDATION AND/OR IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT
03220100

Investigates the major forces shaping the world and its people and examines the interaction of people and cultures with their physical environment. Pre-Diploma World Geography is intended to prepare the highly motivated, advanced student for future IB level coursework.

IB Diploma Programme – at RHS campus only.

7615 AP/IB /GT HUMAN GEOGRAPHY

GRADE PLACEMENT: 9
PREREQUISITE: ACE/LEAP IDENTIFIED TAKEN WITH 1015
CREDIT: 1 UNIT
03320100

Offers an interdisciplinary curriculum with AP/GT Human Geography and provides the major content in a humanities format. Course also prepares students to take the AP Human Geography Exam. Emphasis is on assisting students to develop an understanding of the change in a global society. Note-taking, research, and academic writing skills are emphasized. Students in this course will receive accelerated grade points for both AP Human Geography and Pre-AP English I. Designed for identified gifted students.

7975 AP/IB/GT WORLD HISTORY

GRADE PLACEMENT: 10
PREREQUISITE: ACE/LEAP IDENTIFIED TAKEN WITH 1115
CREDIT: 1 UNIT
A3370100

Provides an interdisciplinary approach integrating English II/GT and AP World History for identified gifted students. Enables students to discover and appreciate how mankind, through the ages, has dealt with universal problems as reflected in literature, politics, economics, and the arts. Students will receive accelerated grade points for AP World History. This course prepares students for the AP World History examination.

7911 WORLD HISTORY STUDIES

GRADE PLACEMENT: 10-11
PREREQUISITE: NONE
CREDIT: 1 UNIT
03340400

Provides a global understanding of the growth and development of selected world civilizations from ancient to modern times.

9231 APPLIED WORLD HISTORY

GRADE PLACEMENT: 10
CREDIT: 1 UNIT
03340407

Student will focus on his/her community and state with emphasis on laws affecting personal safety and behavior. Adapted to meet the needs outlined in student's IEP.

9131 DEVELOPMENTAL WORLD HISTORY

CREDIT: 1 UNIT
03340407

Individualized instruction that emphasizes the environment for students with severe cognitive and physical disabilities.

RLT campus only.

SOCIAL STUDIES

0362 PAS WORLD HISTORY

GRADE PLACEMENT: 10
CREDIT: 1 UNIT
03340400

Provides a global understanding of the growth and development of selected world civilizations from ancient to contemporary periods of time. Emphasis will be placed on the comparison of social, economic and political institutions of these civilizations while developing an understanding of their interdependence. Instructional techniques will vary to accommodate the student's IEP/BIP.

7971 PRE AP WORLD HISTORY STUDIES

GRADE PLACEMENT: 10-11
PREREQUISITE: TEACHER RECOMMENDATION
CREDIT: 1 UNIT
03340400

Provides an opportunity to study selected civilizations in a global setting from ancient to modern times. Emphasis will be placed on the comparison of social, economic, and political institutions of these civilizations while developing an understanding of their interdependence.

1432 PRE DIPLOMA WORLD HISTORY

GRADE PLACEMENT: 10
PREREQUISITE: PRE DIPLOMA WORLD GEOGRAPHY, TEACHER RECOMMENDATION AND/OR IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT
03340400

Examines the growth of selected world civilizations from ancient to modern times. Pre Diploma World History is intended to prepare the highly motivated, advanced student for future IB level coursework.

IB Diploma Programme – at RHS campus only

7972 AP WORLD HISTORY

GRADE PLACEMENT: 10-12
PREREQUISITE: TEACHER RECOMMENDATION
CREDIT: 1 UNIT
A3370100

Provides students with greater understanding of the development of global historical processes and contacts in the interaction of different types of human societies throughout world history. Prepares the student to take the Advanced Placement Examination for college credit.

7610 U. S. HISTORY

GRADE PLACEMENT: 11-12
PREREQUISITE: NONE
CREDIT: 1 UNIT
03340100

Provides students opportunities to understand social, cultural, economic and political forces that have shaped American society and to understand the historical basis for many current problems in the United States.

Dual Credit is available for ECHS students only.

9232 APPLIED U.S. HISTORY

GRADE PLACEMENT: 11
CREDIT: 1 UNIT
03340107

Student will focus on community awareness through concepts related to employment and personal responsibility. Adapted to meet the needs outlined in student's IEP.

SOCIAL STUDIES

9132 DEVELOPMENTAL U.S. HISTORY

CREDIT: 1 UNIT
03340107

Individualized instruction that emphasizes the environment for students with severe cognitive and physical disabilities.
RLT campus only.

0360 PAS U.S. HISTORY

GRADE PLACEMENT: 11
CREDIT: 1 UNIT
03340100

Provides students opportunities to understand social, cultural, economic and political forces that have shaped American society and to understand the historical basis for many current problems in the United States. Instructional techniques will vary to accommodate the student's IEP/BIP.

7660 AP UNITED STATES HISTORY

GRADE PLACEMENT: 11-12
PREREQUISITE: U.S. HISTORY HONORS PREFERRED; ENGLISH II OR III HONORS PREFERRED; READING SCORES ABOVE GRADE LEVEL. TEACHER RECOMMENDATION
CREDIT: 1 UNIT
A3340100

Examines a series of problems and topics in United States history from colonial times through the present with requirements prescribed by the College Board. Students will take an advanced placement exam for college credit.

7670 UNITED STATES HISTORY – PRE-AP

GRADE PLACEMENT: 11-12
PREREQUISITE: TEACHER RECOMMENDATION
CREDIT: 1 UNIT
03340100

Provides students with an appreciation for United States History including the cultural, social, economic and political system. For students who show a high interest in history and who have exhibited superior achievement in past history courses.

1433 IB HISTORY OF THE AMERICAS

GRADE PLACEMENT: 11
PREREQUISITE: WORLD EXPERIENCE OR PRE-DIPLOMA WORLD HISTORY AND/OR IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT
I33001300

Explores a study of the social, political, and economic history of Anglo (United States, Canada) and Latin America. Research projects are required. IB History of the Americas will fulfill one of the three required Higher Level components for the IB Diploma candidate, provided that IB History of the Americas 2 is taken the following year. All students participating in the course will be required to complete all IB assessments associated with this class. Students may choose the test for Advanced Placement credit.

IB Diploma Programme – at RHS campus only

SOCIAL STUDIES

1434 IB HISTORY OF THE AMERICAS II (HL)

GRADE PLACEMENT: 12
PREREQUISITE: IB HISTORY OF THE AMERICAS I AND/OR IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT
I3301300

Continues a study of the social, political, and economic history of Anglo (United States, Canada) and Latin America. The second year is a more intensive focus on global 20th Century social issues and government systems. Research projects are required. IB History of the Americas will fulfill one of the three required Higher Level components for the IB Diploma candidate, provided that the candidate earned credit for IB History of the Americas 1 the previous year. Completion of both IB History of the Americas 1 and 2 earns the student the ½ credit required for Government as well. All students participating in the course will be required to complete all IB assessments associated with this class. Students may choose the test for Advanced Placement credit.

IB Diploma Programme – at RHS campus only

7985 AP EUROPEAN HISTORY

GRADE PLACEMENT: 11-12
PREREQUISITE: WORLD HISTORY PRE-AP OR WORLD EXPERIENCE
CREDIT: 1 UNIT
A3340200

Provides students with an in-depth study of Western Civilization in Europe from approximately 1450 to the present. Explores several major themes in modern history, such as the extension and/or limitation of individual civil liberties. Prepares students to take the Advanced Placement Examination for college credit with content prescribed by the College Board.

7400 ECONOMICS WITH EMPHASIS ON THE FREE ENTERPRISE SYSTEM AND ITS BENEFITS

GRADE PLACEMENT: 12
PREREQUISITE: 2 CREDITS IN SOCIAL STUDIES
CREDIT: 1/2 UNIT
03310300

Examines the basic principles of production, consumption and distribution of goods and services with emphasis on the American Free Enterprise System. This system will be compared to systems in other countries of the world.

9234 APPLIED ECONOMICS

GRADE PLACEMENT: 12
CREDIT: 1/2 UNIT
03310300

Student will focus on the basic concepts of personal responsibility related to employability and being a productive, contributing member of a business, community, and/or an organization. Adapted to meet the needs outlined in student's IEP.

9134 DEVELOPMENTAL ECONOMICS

CREDIT: 1/2 UNIT
03310300

Individualized instruction that emphasizes the environment for students with severe cognitive and physical disabilities.
RLT campus only.

0364 PAS ECONOMICS

GRADE PLACEMENT: 12
CREDIT: 1/2 UNIT
03310300

Examines the basic principles of production, consumption and distribution of goods and services with emphasis on the American Free Enterprise System. This system will be compared to systems in other countries of the world. Instructional techniques will vary to accommodate the student's IEP/BIP.

SOCIAL STUDIES

7402 AP ECONOMICS - MICRO

GRADE PLACEMENT: 11-12
PREREQUISITE: 2 CREDITS IN SOCIAL STUDIES AND TEACHER RECOMMENDATION
CREDIT: 1/2 UNIT
A3310100

Studies the behavior of discrete parts of the economy – the individual, the household, the company. Prepares students to take the Advanced Placement Examination for college credit with content prescribed by the College Board unless student is enrolled for dual credit.7403 AP ECONOMICS - MACRO

GRADE PLACEMENT: 11-12
PREREQUISITE: 2 CREDITS IN SOCIAL STUDIES AND TEACHER RECOMMENDATION
CREDIT: 1/2 UNIT
A3310200

Provides students a thorough understanding of the principles of economics that apply to an economic system as a whole. Prepares students to take the Advanced Placement Examination for college credit with content prescribed by the College Board unless student is enrolled for dual credit.

7317 UNITED STATES GOVERNMENT

GRADE PLACEMENT: 12
PREREQUISITE: 2 CREDITS IN SOCIAL STUDIES
CREDIT: 1/2 UNIT
03330100

Focuses on the principles and beliefs upon which the United States was founded and understanding the structure, functions, and powers of government at the national, state and local levels.

9233 APPLIED GOVERNMENT

GRADE PLACEMENT: 12
CREDIT: 1/2 UNIT
03330100

Student will focus on history and how it relates to current community rules and situations. Student will be introduced to voting and civic duties. Adapted to meet the needs outlined in student's IEP.

9133 DEVELOPMENTAL GOVERNMENT

CREDIT: 1/2 UNIT
03330100

Individualized instruction that emphasizes the environment for students with severe cognitive and physical disabilities.
RLT campus only.

0365 PAS GOVERNMENT

GRADE PLACEMENT: 12
CREDIT: 1/2 UNIT
03330100

Focuses on the principles and beliefs upon which the United States was founded and understanding the structure, functions, and powers of government at national, state, and local levels. Instructional techniques will vary to accommodate the student's IEP/BIP.

7378 FOUNDATIONS OF THE AMERICAN LEGAL SYSTEM

GRADE PLACEMENT: 9
PREREQUISITE: APPROVED APPLICATION TO LAW AND CRIMINAL JUSTICE ACADEMY (1ST TIME TAKEN)
CREDIT: 1/2 UNIT
03380002

Introduces students to basic law concepts and our legal system, the process by which laws are made and the role the citizen has in this process. Explores possible career opportunities in all aspects of the legal field.

CHS Law and Criminal Justice Academy only.

SOCIAL STUDIES

7380 LEGAL ISSUES SEMINAR

GRADE PLACEMENT: 11-12
PREREQUISITE: 7378
CREDIT: 1/2 UNIT
03380022

Explores contemporary topics of law, public and social policy. Some of the topics will include attorney-client relationships, ethical litigation, judicial ethics and issues raised by scientific developments as they relate to the legal world.

CHS Law and Criminal Justice Academy only.

7345 SPECIAL TOPICS IN SOCIAL STUDIES: LAW STUDIES I

GRADE PLACEMENT: 11-12
PREREQUISITE: NONE
CREDIT: 1/2 UNIT
03380002

Introduces students to the structure and process of our legal system as it relates to their everyday lives. This course is not a prerequisite to AP Government.

7377 AP UNITED STATES GOVERNMENT

GRADE PLACEMENT: 11-12
PREREQUISITE: 2 CREDITS IN SOCIAL STUDIES-HONORS OR ABOVE PREFERRED, AND TEACHER RECOMMENDATION
CREDIT: 1/2 UNIT
A3330100

Provides a college-level approach to understanding the effects of political theories and history on the development of American political behavior and institutions. The AP Government course is offered the second semester only. Prepares the student to take the Advanced Placement Examination for college credit with content prescribed by the College Board.

7201 SOCIOLOGY

GRADE PLACEMENT: 11-12
PREREQUISITE: NONE
CREDIT: 1/2 UNIT
03370100

Introduces students to the science and art of human relations and helps them understand the structure of society and their role in it.

7203 PSYCHOLOGY

GRADE PLACEMENT: 10-12
PREREQUISITE: NONE
CREDIT: 1/2 UNIT
03350100

Provides students with opportunities to gain insight into our complex society, this course covers the stages of human growth and development and factors involved in learning, thinking, personality, motivation and self-concept development.

7204 PRE AP PSYCHOLOGY

GRADE PLACEMENT: 11-12
PREREQUISITE: CAN ONLY BE TAKEN SEMESTER 1 WHEN BLOCKED WITH AP PSYCHOLOGY SEMESTER 2 AS A SEQUENCED CONTIGUOUS COURSE
CREDIT: 1/2 UNIT
03350100

Designed to be taken as a sequenced course with AP Psychology, this course gives students time to deepen their understanding of the complex society in which we live. Specifically, students will explore the stages of human growth and development, factors involved in learning, thinking, personality, and motivation, as well as self-concept development. This preparation affords students the beneficial background for success in AP Psychology in Semester 2.

**Creekview and RLT*

SOCIAL STUDIES

7205 AP PSYCHOLOGY

GRADE PLACEMENT: 11-12
PREREQUISITE: 2 CREDITS IN SOCIAL STUDIES AND TEACHER RECOMMENDATION
CREDIT: 1/2 UNIT
A3350100

Examines methods, approaches and history of psychology, biological basis of behavior, motivation and emotion, learning theories, personality, testing and individual differences and abnormal and social psychology. Prepares students to take the Advanced Placement Examination for college credit with content prescribed by the College Board.

7987 INDEPENDENT STUDY /MENTOR (ISM) (1ST TIME TAKEN)

GRADE PLACEMENT: 9-12
STUDENTS MAY TAKE THIS COURSE 2 YEARS, BUT MUST PRESENT A DIFFERENT PRODUCT EACH YEAR.
PREREQUISITE: G/T IDENTIFIED AND/OR PREAP COURSE STUDENT OR COUNSELOR APPROVAL
CREDIT: 1/2 UNIT (AP WEIGHT)
03380003 1/2 UNIT FIRST TIME TAKEN

7988 INDEPENDENT STUDY /MENTOR (ISM) (2ND TIME TAKEN)

03380023 1/2 UNIT SECOND TIME TAKEN

7989 INDEPENDENT STUDY /MENTOR (ISM) (3RD TIME TAKEN)

03380033 1/2 UNIT THIRD TIME TAKEN

7990 INDEPENDENT STUDY /MENTOR (ISM) (4TH TIME TAKEN)

03380043 1/2 UNIT FOURTH TIME TAKEN

Students conduct in-depth research, prepare a product of professional quality, and present their findings to appropriate audiences. Students, working independently or in collaboration with a mentor, investigate a problem, issue, or concern; research the topic using a variety of technologies; and present a product of professional quality to an appropriate audience. Students shall be awarded one-half to one unit of credit for successful completion of this course. Students may take this course with different course content for a maximum of two credits.

Dual Credit is available for ECHS students only.

0004 SPECIAL TOPICS IN SOCIAL STUDIES – MAJOR WORLD RELIGIONS

GRADE PLACEMENT: 11-12
PREREQUISITE: NONE
CREDIT: 1/2 UNIT
03380002

Introduces students to major world religions. The academic study of religion – which is not to be confused with a faith-centered approach to the study of religion – approaches the phenomenon of religion in human life as an objective field of study and inquiry. This course will focus upon the theology, beliefs, history, rituals, and practices of the world's major religions.

This is a dual credit course offered through DCCCD.

0005 SPECIAL TOPICS IN SOCIAL STUDIES – THE HISTORY AND LITERATURE OF THE BIBLE

GRADE PLACEMENT: 11-12
PREREQUISITE: NONE
CREDIT: 1/2 UNIT
03380022

Introduces religious themes and teachings of the Bible as conveyed through the writings we study. The academic study of Biblical literature and history – which is not to be confused with a faith-centered approach to the study of the Bible – approaches the phenomenon of the various written texts of the Bible as an objective field of study and inquiry. This course will focus upon the theology, beliefs, history, rituals, and practices in the Biblical texts so as to make clear the author's intention in writing the texts as well as the literary skills and forms which the author's used to convey their meaning.

This is a dual credit course offered through DCCCD.

SOCIAL STUDIES

9235 APPLIED SOCIAL STUDIES PLUS

GRADE PLACEMENT: 12+

CREDIT: 1 UNIT

84400235

Student will focus on how to be productive and safe in a variety of community situations including employment. Adapted to meet the needs outlined in student's IEP.

9135 DEVELOPMENTAL SOCIAL STUDIES PLUS

GRADE PLACEMENT: 12+

CREDIT: 1 UNIT

84400135

Individualized instruction that emphasizes the environment for students with severe cognitive and physical disabilities.

RLT campus only.

FINE ARTS

ART

Evaluation of art work is a critical component of all Art classes.

Students registering for Art courses should expect:

1. A **supply fee required** for the purchase of consumable media specific tools.
or
 2. A list of consumable items to be purchased by the student and used in class.
-

2500 ART 1 BEGINNING

GRADE PLACEMENT: 9-11

PREREQUISITE: NONE

CREDIT: 1 UNIT

03500100

Provides foundation for the art student who has had no previous art classes. Emphasizes the study of basic art concepts by introducing the importance of recognizing, understanding and using the ART ELEMENTS AND PRINCIPLES OF DESIGN in composition.

2501 ART 1 INTERMEDIATE

GRADE PLACEMENT: 9-10

PREREQUISITE: RECOMMENDATION FROM THE MIDDLE SCHOOL ART TEACHER OR HIGH SCHOOL ART TEACHER AFTER A PORTFOLIO REVIEW AND INTERVIEW BY THE HIGH SCHOOL ART TEACHER.

CREDIT: 1 UNIT

03500100

Investigates the beginning art concepts and emphasizes the skill development and level of expectation at a faster pace than the regular Art I class.

1461 IB ART/DESIGN I

GRADE PLACEMENT: 11

PREREQUISITE: ART II AND/OR IB DIPLOMA PROGRAMME ADMISSION)

CREDIT: 1 UNIT

13600200

Develops skills focusing on 2-D mediums in drawing and painting and 3-D concepts. Projects are designed to emphasize creative concepts and critical thinking and to develop technical ability in a wide variety of media. Students will be required to create a portfolio of original work. IB Art/Design I may fulfill one of the three required Standard Level components for the IB Diploma Candidate, provided that IB Art Design 2 is taken the following year. All students participating in the course will be required to complete all IB assessments associated with this class. Students may choose to test for Advanced Placement credit.

IB Diploma Programme – at RHS campus only.

1462 IB ART/DESIGN II (HL)

GRADE PLACEMENT: 12

PREREQUISITE: IB VISUAL ART DESIGN I AND/OR IB DIPLOMA PROGRAMME ADMISSION

CREDIT: 1 UNIT

13600100

Extends the development of skills focusing on 2-D mediums in drawing and painting and 3-D concepts. Projects are designed to emphasize creative concepts and critical thinking and to develop technical ability in a wide variety of media. Students will be required to create a portfolio of original work. IB Art Design 2 may fulfill one of the three required Standard Level components for the IB Diploma Candidate, provided that the student earned credit in IB Art Design 1 the previous year. All students participating in the course will be required to complete all IB assessments associated with this class. Students may choose to test for Advanced Placement credit.

IB Diploma Programme – at RHS campus only.

FINE ARTS

2502 ART 2 - PAINTING

GRADE PLACEMENT: 10-12
PREREQUISITE: ART 1 (BEGINNING OR INTERMEDIATE)
CREDIT: 1 UNIT
03500600

Expands student experience in working with basic painting concepts and introduces additional techniques and media related to the overall painting experience.

2503 ART 3 - PAINTING

GRADE PLACEMENT: 11-12
PREREQUISITE: PAINTING 2
CREDIT: 1 UNIT
03501400

Emphasizes more advanced compositional concepts working in realistic, abstract and non-objective styles. Expands student knowledge of painting techniques, the use of different paint media, mixed media, and experiments with different painting grounds.

2504 ART 4 - PAINTING

GRADE PLACEMENT: 12
PREREQUISITE: PAINTING 3
CREDIT: 1 UNIT
03502400

Emphasizes individual insight, style, interpretation, experimentation, and evaluation. A well maintained portfolio is expected to offer the student the opportunity for presentation of work.

2519 ART 2 - DRAWING

GRADE PLACEMENT: 10-12
PREREQUISITE: ART 1 (BEGINNING OR INTERMEDIATE) OR TEACHER RECOMMENDATION
CREDIT: 1 UNIT
03500500

Expands the student's experience in working with basic drawing concepts and additional techniques. Introduces new ways of working with dry and wet drawing media. Work will be mostly two-dimensional emphasizing observational drawing. Sketch books and journals are required.

2520 ART 3 - DRAWING

GRADE PLACEMENT: 11-12
PREREQUISITE: DRAWING 2 (1 UNIT)
CREDIT: 1 UNIT
03501300

Emphasizes more advanced compositional concepts utilizing realistic and abstract interpretation of subject matter. Style is explored along with two and three dimensional surfaces. Sketch books and journals are required.

2521 ART 4 - DRAWING

GRADE PLACEMENT: 12
PREREQUISITE: DRAWING 3 (1 UNIT)
CREDIT: 1 UNIT
03502300

Extends on all previous skills. Emphasizes individual insight, style, interpretation, experimentation and evaluation. Sketch books and journals are required. The student will generate a portfolio of work in original and slide form.

2525 ART 2 - CERAMICS

GRADE PLACEMENT: 10-12
PREREQUISITE: ART 1 (BEGINNING OR INTERMEDIATE), PORTFOLIO REVIEW
CREDIT: 1 UNIT
03500900

Expands students' experience in working with basic ceramic concepts. Introduces techniques and media related to ceramic arts.

FINE ARTS

2526 ART 3 - CERAMICS

GRADE PLACEMENT: 11-12
PREREQUISITE: CERAMICS 2 (1 UNIT)
CREDIT: 1 UNIT
03501800

Emphasizes more advanced ceramic techniques, practice skills and explores complex concepts. Reflection and evaluation will allow student to begin portfolio preparation.

2527 ART 4 - CERAMICS

GRADE PLACEMENT: 12
PREREQUISITE: CERAMICS 3 (1 UNIT)
CREDIT: 1 UNIT
03502700

Provides opportunities for the advanced art student to extend previous skills. Preparation of portfolios and exploration of college and career opportunities is an important part of this course. Emphasis is on developing style and insight.

2528 ART 2 - JEWELRY

GRADE PLACEMENT: 10-12
PREREQUISITE: ART 1 (BEGINNING OR INTERMEDIATE) PORTFOLIO REVIEW
CREDIT: 1 UNIT
03501100

Expands students' experience in working with basic jewelry making concepts. Introduces techniques and media related to jewelry making.

2529 ART 3 - JEWELRY

GRADE PLACEMENT: 11-12
PREREQUISITE: JEWELRY 2 (1 UNIT)
CREDIT: 1 UNIT
03502000

Emphasizes more advanced jewelry making techniques, practice skills, and explores complex concepts of jewelry making. Reflection and evaluation will allow student to begin portfolio preparation.

2530 ART 4 - JEWELRY

GRADE PLACEMENT: 12
PREREQUISITE: JEWELRY 3 (1 UNIT)
CREDIT: 1 UNIT
03502900

Provides opportunities for the advanced art student to extend previous skills. Preparation of portfolio and exploration of college and career opportunities is an important part of this course. Emphasis is on developing individual style and insight.

2531 ART 2 - SCULPTURE

GRADE PLACEMENT: 10-12
PREREQUISITE: ART 1 (BEGINNING OR INTERMEDIATE)
CREDIT: 1 UNIT
03501000

Expands the students' experience in working with basic sculptural concepts. Students practice additional techniques and are introduced to new ways of working with a variety of media. Work will be mostly three dimensional. Sketch books and journals are required.

2532 ART 3 - SCULPTURE

GRADE PLACEMENT: 11-12
PREREQUISITE: SCULPTURE 2
CREDIT: 1 UNIT
03501900

Emphasizes more advanced compositional concepts utilizing realistic abstract, and non-objective interpretation of subject matter. Style is explored. Sketch books and journals are required.

FINE ARTS

2533 ART 4 - SCULPTURE

GRADE PLACEMENT: 12
PREREQUISITE: SCULPTURE 3
CREDIT: 1 UNIT
03502800

Develops variations of themes to produce a body of quality work. Emphasizes individual insight, style, interpretation, experimentation and evaluation. Sketch books and journals are required. The student will generate a portfolio of work in original and slide form.

2542 AP ART HISTORY

GRADE PLACEMENT: 10-12
PREREQUISITE: NONE
CREDIT: 1 UNIT
A3500100

Examines political, geographic and cultural influencing factors in Western & non-Western art. Provides a general survey of art history, including sculpture, architecture and painting. Emphasizes critiquing artwork through concrete written statements. Prepares the student to take the Advanced Placement examination for possible college credit.

2510 INDEPENDENT STUDY IN ART

GRADE PLACEMENT: 11-12
PREREQUISITE: ART 1 AND TEACHER RECOMMENDATION
CREDIT: 1 UNIT
84500510

Individualizes for the student with special interest in and proven aptitude for two and/or three dimensional media. Emphasizes student's special aptitude area and goals jointly written with the teacher. Allows for individual freedom in creative discoveries.

2515 AP STUDIO ART/DRAWING PORTFOLIO

GRADE PLACEMENT: 11-12
PREREQUISITE: ART 1 OR ART I INTERMEDIATE AND ANY LEVEL 2 ART COURSE, SUBMIT 6-8 WORKS OF ART AND SKETCHBOOK, TEACHER RECOMMENDATION
CREDIT: 1 UNIT
A3500300

The drawing portfolio is designed to address a very broad interpretation of drawing issues which will be done through a variety of means: media and technique and style. The drawing portfolio stresses three concerns – quality, concentration, and breadth. Students present selected works they have done throughout the year for evaluation by students in their classes and the instructors. The works presented for evaluation may have been produced in art classes or on the student's own time, and may cover a period of time longer than a single school year.

2555 AP STUDIO ART/2-D DESIGN PORTFOLIO

GRADE PLACEMENT: 11-12
PREREQUISITE: ART 1 OR ART I INTERMEDIATE AND ANY LEVEL 2 ART COURSE, SUBMIT 6-8 WORKS OF ART AND SKETCHBOOK, TEACHER RECOMMENDATION
CREDIT: 1 UNIT
A3500400

The 2-D design portfolio addresses a very broad interpretation of two-dimensional (2-D) design issues involving purposeful use of the elements and principles of art in an integrative way. Students are asked to demonstrate three concerns – quality, concentration, and breadth. A variety of approaches to representation, abstraction, and expression may be part of the student's portfolio. Students present selected works they have done throughout the year for evaluation by students in their classes and the instructors. The works presented for evaluation may have been produced in art classes or on the student's own time, and may cover a period of time longer than a single school year.

2556 AP STUDIO ART/3-D DESIGN PORTFOLIO

GRADE PLACEMENT: 11-12
PREREQUISITE: ART 1 OR ART I INTERMEDIATE AND ANY LEVEL 2 ART COURSE, SUBMIT 6-8 WORKS OF ART AND SKETCHBOOK, TEACHER RECOMMENDATION
CREDIT: 1 UNIT
A3500500

The 3-D design portfolio is intended to address a broad interpretation of sculptural issues in depth and space. Such elements and concepts may be articulated through additive, subtractive and /or fabrication processes. A variety of approaches to representation, abstraction and expression may be part of the student's portfolio. Students are asked to demonstrate three concerns – quality, concentration, and breadth. Students present selected works they have done throughout the year for evaluation by students in their classes and the instructors. The works presented for evaluation may have been produced in art classes and/or outside of class, and may cover a period of time longer than a single school year.

FINE ARTS

DANCE

2401 DANCE 1

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1 UNIT
03830100

Introduces basic movement skills and an awareness of fundamental dance vocabulary in any or all of the following styles: aerobics, ballet, folk, modern, jazz, and tap. Addresses the history of dance as an art form, choreography techniques, and performance skills.

May not take Dance 1 (2401) and Dance 1 – Theatre (2406) in the same semester.

Fine Arts Credit Only

2402 DANCE 2

GRADE PLACEMENT: 10-12
PREREQUISITE: DANCE 1 AND/OR INSTRUCTOR APPROVAL
CREDIT: 1 UNIT
03830200

Provides involvement with movement skills and dance vocabulary at the intermediate to advanced level in any or all of the following styles: aerobics, ballet, folk, modern, jazz, tap, and yoga. Explores dance history, variation of style, choreography techniques, dance and music notation, and performance skills.

May not take Dance 2 (2402) and Dance 2 – Theatre (2413) in the same semester.

2403 DANCE 3

GRADE PLACEMENT: 11-12
PREREQUISITE: DANCE 2 AND/OR INSTRUCTOR APPROVAL
CREDIT: 1 UNIT
03830300

Provides continued development in all areas previously covered. Concentrates on choreography and manipulation of body, space, force, and time. Improvisation, informal presentations, and critiquing will be explored as well.

2404 DANCE 4

GRADE PLACEMENT: 12
PREREQUISITE: DANCE 3 AND/OR INSTRUCTOR APPROVAL
CREDIT: 1 UNIT
03830400

Provides continued development in all areas previously covered. In addition to choreography, students will focus on production and performance skills.

May not take Dance 4 (2404) and Dance Company (2400) in the same semester.

2405 DANCE INDEPENDENT STUDY

GRADE PLACEMENT: 11-12
PREREQUISITE: TEACHER RECOMMENDATION
CREDIT: 1 UNIT (LOCAL CREDIT)
84500405

Explores elements of teaching and choreography. This course is designed to further the dancer's experience.

2407 DANCE 1 - FOLKLORICO

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1 UNIT
03830100

2408 DANCE 2 - FOLKLORICO

GRADE PLACEMENT: 9-12
PREREQUISITE: 2407
CREDIT: 1 UNIT
03830200

Teaches Folk dances of Mexico and other Latin American countries with performance of such dances as the indication of mastery. Students will also be expected to learn the history and traditions of the period of music taught.

Folklorico Dance 1 and 2 will count as PE Equivalent.

FINE ARTS

2409 DANCE 3 - FOLKLORICO

GRADE PLACEMENT: 11-12
PREREQUISITE: 2408
CREDIT: 1 UNIT
03830300

2410 DANCE 4 - FOLKLORICO

GRADE PLACEMENT: 12
PREREQUISITE: 2409
CREDIT: 1 UNIT
03830400

Teaches Folk dances of Mexico and other Latin American countries with performance of such dances as the indication of mastery. Students will also be expected to learn the history and traditions of the period of music taught.

2400 DANCE COMPANY 1

GRADE PLACEMENT: 9-12
PREREQUISITE: BY AUDITION
CREDIT: 1 UNIT
03830100

2418 DANCE COMPANY 2

GRADE PLACEMENT: 10-12
PREREQUISITE: DANCE COMPANY 1 AND/OR INSTRUCTOR APPROVAL
CREDIT: 1 UNIT
03830200

2419 DANCE COMPANY 3

GRADE PLACEMENT: 11-12
PREREQUISITE: DANCE COMPANY 2 AND/OR INSTRUCTOR APPROVAL
CREDIT: 1 UNIT
03830300

2420 DANCE COMPANY 4

GRADE PLACEMENT: 12
PREREQUISITE: DANCE COMPANY 3 AND/OR INSTRUCTOR APPROVAL
CREDIT: 1 UNIT
03830400

Affords these students the opportunity to develop their technique in a variety of genres more rapidly and more in depth. Designed to be a special ensemble class for the more advanced dancer. Students will be required to participate in dance performances. Dance attire and costumes will be required.

May not take Dance 4 (2404) and Dance Company (2400) in the same semester.

2411 DANCE PERFORMANCE ENSEMBLE 2

GRADE PLACEMENT: 9-12
PREREQUISITE: TRYOUTS ONLY
CREDIT: 1 UNIT
N1170035

2412 DANCE PERFORMANCE ENSEMBLE 3

GRADE PLACEMENT: 9-12
PREREQUISITE: TRYOUTS ONLY
CREDIT: 1 UNIT
N1170036

2414 DANCE PERFORMANCE ENSEMBLE 4

GRADE PLACEMENT: 9-12
PREREQUISITE: TRYOUTS ONLY
CREDIT: 1 UNIT
N1170037

Dance Performance Ensemble 2-4 is an intense interdisciplinary program that combines performance elements such as dance, music, costume, and theatrical design with performance opportunities for small dance ensembles. Instruction covers methods of dance as well as performance enhancing strategies. The course is designed to refine skill and awareness of movement and aesthetic principles to a particular style of small ensemble dance.

FINE ARTS

2406 DANCE 1-THEATRE

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1 UNIT
03830100

2413 DANCE 2 -THEATRE

GRADE PLACEMENT: 10-12
PREREQUISITE: DANCE 1 – THEATRE AND/OR INSTRUCTOR APPROVAL
CREDIT: 1 UNIT
03830200

2416 DANCE 3-THEATRE

GRADE PLACEMENT: 11-12
PREREQUISITE: DANCE 2-THEATRE AND/OR INSTRUCTOR APPROVAL
CREDIT: 1 UNIT
03830300

2417 DANCE 4-THEATRE

GRADE PLACEMENT: 12
PREREQUISITE: DANCE 3– THEATRE AND/OR INSTRUCTOR APPROVAL
CREDIT: 1 UNIT
03830400

Provides students with movement and dance skills necessary to create a physical regime for character development and performance preparation. Focuses on the connection between physical carriage and movement in character and plot development. Employs Laban and dance techniques to develop character and story lines through movement. Costumes for dance concerts may be required.

May not take Dance 1 (2401) and Dance 1 – Theatre (2406) in the same semester.

Dance II – Theatre will have more intermediate to advanced movement.

May not take Dance 2 (2402) and Dance 2 – Theatre (2413) in the same semester.

DRILL TEAM

Uniform purchase is required. P.E. Equivalency credit is given during the fall semester of the first and second year. Fine Arts credit is given for additional years.

5625 DANCE 1 - DRILL TEAM

GRADE PLACEMENT: 9-12 TRYOUTS ONLY
CREDIT: 1 UNIT
03830100

5626 DANCE 2 - DRILL TEAM

GRADE PLACEMENT: 10-12 TRYOUTS ONLY**
CREDIT: 1 UNIT
03830200

5627 DANCE 3 - DRILL TEAM

GRADE PLACEMENT: 11-12 TRYOUTS ONLY**
CREDIT: 1 UNIT
03830300

5628 DANCE 4 - DRILL TEAM

GRADE PLACEMENT: 12
PREREQUISITE: TRYOUTS ONLY**
CREDIT: 1 UNIT
03830400

** All of these courses require participation in outside activities that show the student's dedication and academic success.

** Students who wish to try out must have been in marching band, pep squad, cheerleading, athletics or dance for one year. (*CHS Campus Only*)

FINE ARTS

MUSIC

In the fall semester, Marching Band counts as "P.E. substitution." P.E. credit is not awarded for the course, but rather P.E. equivalents are noted on the student's transcript to indicate completion of the P.E. requirement for graduation. Thus, students participating in Marching Band receive "P.E. substitution" in the fall semester in year 1 and 2 and "Fine Arts" credit in the spring semester.

Some activities may require personal expenses. The director/teacher of the program will furnish specific details upon request.

2701 MARCHING BAND/SYMPHONIC BAND 1

GRADE PLACEMENT: 9
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
PES00012

2702 MARCHING BAND/SYMPHONIC BAND 2

GRADE PLACEMENT: 10
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03150200

2703 MARCHING BAND/SYMPHONIC BAND 3

GRADE PLACEMENT: 11
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03150300

2704 MARCHING BAND/SYMPHONIC BAND 4

GRADE PLACEMENT: 12
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03150400

Provides public performance experience for students who have reached a high degree of performance ability. The marching season begins in August and continues through the end of football season. There will be performances and rehearsals that occur during non-school hours that are required. Marching band performances include football half-time shows, local parades, and one or more marching contests. Students also participate in several concerts each year and University Interscholastic League Band Contest. They are encouraged to participate in Solo and Ensemble Contest, All-Region and All-State Tryouts. A maintenance fee may be charged to students for the use of uniforms and school-owned instruments.

FINE ARTS

2756 SYM BAND ENS 1

GRADE PLACEMENT: 9
PREREQUISITE: 2701
CREDIT: 1 UNIT
03151700

2757 SYM BAND ENS 2

GRADE PLACEMENT: 10
PREREQUISITE: 2702
CREDIT: 1 UNIT
03151800

2758 SYM BAND ENS 3

GRADE PLACEMENT: 11
PREREQUISITE: 2703
CREDIT: 1 UNIT
03151900

2759 SYM BAND ENS 4

GRADE PLACEMENT: 12
PREREQUISITE: 2704
CREDIT: 1 UNIT
03152000

Affords these students the opportunity to develop their playing skills on their instruments more rapidly and more in depth. All prerequisites and course descriptions relating to symphonic band also are applicable to this class. Designed to be a special ensemble class for brass in the symphonic band.

2706 MARCHING BAND/CONCERT BAND 1

GRADE PLACEMENT: 9
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
PES00012

2707 MARCHING BAND/CONCERT BAND 2

GRADE PLACEMENT: 10
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03150200

2708 MARCHING BAND/CONCERT BAND 3

GRADE PLACEMENT: 11
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03150300

2709 MARCHING BAND/CONCERT BAND 4

GRADE PLACEMENT: 12
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03150400

Offers public performance experience for students who have reached a high degree of performance ability. The marching season begins in August and continues through the end of football season. There will be performances and rehearsals that occur during non-school hours that are required. Marching band performances include football half-time shows, local parades, and one or more marching contests. Students also participate in several concerts each year and University Interscholastic League Band Contest. They are encouraged to participate in Solo and Ensemble Contest, All-Region and All-State Tryouts. A maintenance fee may be charged to students for the use of uniforms and school-owned instruments.

FINE ARTS

2696 MARCHING BAND/VARSITY BAND 1

GRADE PLACEMENT: 9
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
PES00012

2697 MARCHING BAND/VARSITY BAND 2

GRADE PLACEMENT: 10
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03150200

2698 MARCHING BAND/VARSITY BAND 3

GRADE PLACEMENT: 11
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03150300

2699 MARCHING BAND/VARSITY BAND 4

GRADE PLACEMENT: 12
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03150400

Offers public performance experience for students who have reached a high degree of performance ability. The marching season begins in August and continues through the end of football season. There will be performances and rehearsals that occur during non-school hours that are required. Marching band performances include football half-time shows, local parades, and one or more marching contests. Students also participate in several concerts each year and University Interscholastic League Band Contest. They are encouraged to participate in Solo and Ensemble Contest, All-Region and All-State Tryouts. A maintenance fee may be charged to students for the use of uniforms and school-owned instruments.

2692 MARCHING BAND/WIND ENSEMBLE 1

GRADE PLACEMENT: 9
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
PES00012

2693 MARCHING BAND/WIND ENSEMBLE 2

GRADE PLACEMENT: 10
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03150200

2694 MARCHING BAND/WIND ENSEMBLE 3

GRADE PLACEMENT: 11
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03150300

2695 MARCHING BAND/WIND ENSEMBLE 4

GRADE PLACEMENT: 12
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03150400

Offers public performance experience for students who have reached a high degree of performance ability. The marching season begins in August and continues through the end of football season. There will be performances and rehearsals that occur during non-school hours that are required. Marching band performances include football half-time shows, local parades, and one or more marching contests. Students also participate in several concerts each year and University Interscholastic League Band Contest. They are encouraged to participate in Solo and Ensemble Contest, All-Region and All-State Tryouts. A maintenance fee may be charged to students for the use of uniforms and school-owned instruments.

FINE ARTS

2721 STAGE BAND/JAZZ BAND 1

GRADE PLACEMENT: 9
CREDIT: 1 UNIT
03151300

2722 STAGE BAND/JAZZ BAND 2

GRADE PLACEMENT: 10
CREDIT: 1 UNIT
03151400

2723 STAGE BAND/JAZZ BAND 3

GRADE PLACEMENT: 11
CREDIT: 1 UNIT
03151500

2724 STAGE BAND/JAZZ BAND 4

GRADE PLACEMENT: 12
CREDIT: 1 UNIT
03151600

Prerequisite: Audition and Concurrent Enrollment in Marching Band. Keyboard, guitar, and bass guitar by audition only. Seeks to explore different styles (Jazz, Latin, Rock, etc.) available to the Big Band setting. In addition to reading music, the students will work in the area of improvisation. A maintenance fee may be charged to students using school-owned instruments. There will be performances and rehearsals that occur during non-school hours that are required.

2761 CONCERT ORCHESTRA 1

GRADE PLACEMENT: 9
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03150500

2762 CONCERT ORCHESTRA 2

GRADE PLACEMENT: 10
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03150600

2763 CONCERT ORCHESTRA 3

GRADE PLACEMENT: 11
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03150700

2764 CONCERT ORCHESTRA 4

GRADE PLACEMENT: 12
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03150800

Emphasizes the continuing development of string techniques and quality tone production. Each student is instructed in methods of evaluating quality performances in himself, his classmates, the small ensemble, and the larger ensemble. Preparation for and participation in solos, ensembles and region tryouts are encouraged. Students are required to develop greater sensitivity to the qualities of good string sound, accuracy of pitch, proper stylistic playing, adherence to tempo markings, rhythmic accuracy, blend and balance with the ensemble, and careful attention to dynamics without distortion of good sound. Students participate in several concerts each year and University Interscholastic League Concert and Sight-reading. A maintenance fee may be charged to students for the use of uniforms and school-owned instruments.

This organization is for strings only.

FINE ARTS

2766 PHILHARMONIC ORCHESTRA 1

GRADE PLACEMENT: 9
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03150500

2767 PHILHARMONIC ORCHESTRA 2

GRADE PLACEMENT: 10
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03150600

2768 PHILHARMONIC ORCHESTRA 3

GRADE PLACEMENT: 11
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03150700

2769 PHILHARMONIC ORCHESTRA 4

GRADE PLACEMENT: 12
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03150800

Emphasizes the continuing development of string techniques and quality tone production. Each student is instructed in methods of evaluating quality performances in himself, his classmates, the small ensemble, and the larger ensemble. Preparation for and participation in solos, ensembles and region tryouts are encouraged. Students are required to develop greater sensitivity to the qualities of good string sound, accuracy of pitch, proper stylistic playing, adherence to tempo markings, rhythmic accuracy, blend and balance with the ensemble, and careful attention to dynamics without distortion of good sound. Students participate in several concerts each year and University Interscholastic League Concert and sight-reading. A maintenance fee may be charged to students for the use of uniforms and school-owned instruments.

This organization is primarily for strings; however, wind and percussion instruments may be added at the discretion of the director and as campus schedule permits.

This organization is for strings only.

2780 CAMERATA ORCHESTRA 1

GRADE PLACEMENT: 9
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03150500

2765 CAMERATA ORCHESTRA 2

GRADE PLACEMENT: 10
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03150600

2770 CAMERATA ORCHESTRA 3

GRADE PLACEMENT: 11
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03150700

2775 CAMERATA ORCHESTRA 4

GRADE PLACEMENT: 12
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03150800

Emphasizes the continuing development of string techniques and quality tone production. Each student is instructed in methods of evaluating quality performances in himself, his classmates, the small ensemble, and the larger ensemble. Preparation for and participation in solos, ensembles and region tryouts are encouraged. Students are required to develop greater sensitivity to the qualities of good string sound, accuracy of pitch, proper stylistic playing, adherence to tempo markings, rhythmic accuracy, blend and balance with the ensemble, and careful attention to dynamics without distortion of good sound. Students participate in several concerts each year and University Interscholastic League Concert and Sight-reading. A maintenance fee may be charged to students for the use of uniforms and school-owned instruments.

This organization is for strings only.

FINE ARTS

2771 SYMPHONIC ORCHESTRA 1

GRADE PLACEMENT: 9
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03150500

2772 SYMPHONIC ORCHESTRA 2

GRADE PLACEMENT: 10
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03150600

2773 SYMPHONIC ORCHESTRA 3

GRADE PLACEMENT: 11
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03150700

2774 SYMPHONIC ORCHESTRA 4

GRADE PLACEMENT: 12
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03150800

Gives the student the fullest possible experience in orchestra and develops desirable skills through rehearsal and performance of a variety of styles of music. The student will have rehearsal and performance opportunities with the string orchestra and/or the full orchestra. Students participate in several concerts each year and University Interscholastic League Concert and sight-reading. Students may be required to participate in one or more of the following orchestral activities as part of their total course requirement: 1) University Interscholastic League Solo and Ensemble Contest; 2) All-Region Orchestra auditions; 3) All-State Orchestra auditions. A maintenance fee may be charged to students for the use of uniforms and school-owned instruments.

This organization is primarily for strings; however, wind and percussion instruments may be added at the discretion of the director and as campus schedule permits.

2805 CHAMBER ORCHESTRA 1

GRADE PLACEMENT: 9
PREREQUISITE: NONE
CREDIT: 1 UNIT
03151700

2806 CHAMBER ORCHESTRA 2

GRADE PLACEMENT: 10
PREREQUISITE: NONE
CREDIT: 1 UNIT
03151800

2807 CHAMBER ORCHESTRA 3

GRADE PLACEMENT: 11
PREREQUISITE: NONE
CREDIT: 1 UNIT
03151900

2808 CHAMBER ORCHESTRA 4

GRADE PLACEMENT: 12
PREREQUISITE: NONE
CREDIT: 1 UNIT
03152000

Prerequisite: Concurrent enrollment in corresponding orchestra class by audition and/or director recommendation.

Affords string students the opportunity to develop stronger playing skills more rapidly and in more depth. All prerequisites and course descriptions relating to corresponding orchestra classes are also applicable to this class.

FINE ARTS

2776 MEN'S CONCERT CHOIR 1

GRADE PLACEMENT: 9
PREREQUISITE: NONE
CREDIT: 1 UNIT
03150900

2777 MEN'S CONCERT CHOIR 2

GRADE PLACEMENT: 10
PREREQUISITE: NONE
CREDIT: 1 UNIT
03151000

2778 MEN'S CONCERT CHOIR 3

GRADE PLACEMENT: 11
PREREQUISITE: NONE
CREDIT: 1 UNIT
03151100

2779 MEN'S CONCERT CHOIR 4

GRADE PLACEMENT: 12
PREREQUISITE: NONE
CREDIT: 1 UNIT
03151200

Develops and appreciation of choral music and desirable vocal skills through the rehearsal and performance of a variety of styles of appropriate choral literature. Fundamentals of Music Theory will be emphasized through sight reading and rhythmic drill exercises. The choir will perform at concerts and/or choral competitions ad deemed appropriate by the director. Preparation for and participation in University Interscholastic League Solo and Ensemble Contest and TMEA All-Region auditions is encouraged. A nominal non-refundable activity fee will be collected each year the student is enrolled in this course.

2781 WOMEN'S CONCERT CHOIR 1

GRADE PLACEMENT: 9
PREREQUISITE: NONE
CREDIT: 1 UNIT
03150900

2782 WOMEN'S CONCERT CHOIR 2

GRADE PLACEMENT: 10
PREREQUISITE: NONE
CREDIT: 1 UNIT
03151000

2783 WOMEN'S CONCERT CHOIR 3

GRADE PLACEMENT: 11
PREREQUISITE: NONE
CREDIT: 1 UNIT
03151100

2784 WOMEN'S CONCERT CHOIR 4

GRADE PLACEMENT: 12
PREREQUISITE: NONE
CREDIT: 1 UNIT
03151200

Develops and appreciation of choral music and desirable vocal skills through the rehearsal and performance of a variety of styles of appropriate choral literature. Fundamentals of Music Theory will be emphasized through sight reading and rhythmic drill exercises. The choir will perform at concerts and/or choral competitions ad deemed appropriate by the director. Preparation for and participation in University Interscholastic League Solo and Ensemble Contest and TMEA All-Region auditions is encouraged. A nominal non-refundable activity fee will be collected each year the student is enrolled in this course.

FINE ARTS

2786 WOMEN'S SELECT CHOIR 1

GRADE PLACEMENT: 9
PREREQUISITE: BY AUDITION
CREDIT: 1 UNIT
03150900

2787 WOMEN'S SELECT CHOIR 2

GRADE PLACEMENT: 10
PREREQUISITE: BY AUDITION
CREDIT: 1 UNIT
03151000

2788 WOMEN'S SELECT CHOIR 3

GRADE PLACEMENT: 11
PREREQUISITE: BY AUDITION
CREDIT: 1 UNIT
03151100

2789 WOMEN'S SELECT CHOIR 4

GRADE PLACEMENT: 12
PREREQUISITE: BY AUDITION
CREDIT: 1 UNIT
03151200

Extends experiences for vocal students who have proven, through audition, to be able to perform above average in the areas of vocal technique, sight-reading, intervallic, and rhythmic analysis while performing the most challenging literature for treble choirs. The choir prepares music from the Renaissance to the present and will perform at concerts and/or choral competitions including University Interscholastic League competitions. Students may be required to participate in one or more of the following choral activities as part of their total course requirement: 1) UIL Solo and Ensemble Contest; 2) All-Region Choir auditions; 3) vocal enrichment lessons. A nominal non-refundable activity fee will be collected each year the student is enrolled in this course.

2791 A CAPPELLA CHOIR 1

GRADE PLACEMENT: 9
PREREQUISITE: BY AUDITION
CREDIT: 1 UNIT
03150900

2792 A CAPPELLA CHOIR 2

GRADE PLACEMENT: 10
PREREQUISITE: BY AUDITION
CREDIT: 1 UNIT
03151000

2793 A CAPPELLA CHOIR 3

GRADE PLACEMENT: 11
PREREQUISITE: BY AUDITION
CREDIT: 1 UNIT
03151100

2794 A CAPPELLA CHOIR 4

GRADE PLACEMENT: 12
PREREQUISITE: BY AUDITION
CREDIT: 1 UNIT
03151200

Provides experiences for the advanced vocal student who has proven, through audition, to be able to excel in the areas of vocal technique, sight-reading, intervallic, and rhythmic analysis, while continuing to perform the most difficult music available for high school mixed choirs. The choir prepares music from the earliest Renaissance to the present. This choir performs at concerts and University Interscholastic League competitions. Students may be required to participate in one or more of the following choral activities as part of their total course requirement: 1) UIL Solo and Ensemble Contest; 2) All-Region Choir auditions; 3) vocal enrichment lessons. A non-refundable activity fee will be collected each year the student is enrolled in this course.

FINE ARTS

2801 VOCAL ENSEMBLE 1

GRADE PLACEMENT: 9
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03152100

2802 VOCAL ENSEMBLE 2

GRADE PLACEMENT: 10
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03152200

2803 VOCAL ENSEMBLE 3

GRADE PLACEMENT: 11
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03152300

2804 VOCAL ENSEMBLE 4

GRADE PLACEMENT: 12
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03152400

Prerequisite: Vocalists by audition and concurrent enrollment in A Cappella choir. Instrumentalists by audition only. Offers more talented student an opportunity to experience, through performance, methods and styles appropriate to the type of vocal ensemble (madrigals, jazz choir, show choir, pop choir, etc.). This ensemble performs a rigorous schedule of concerts and/or vocal competitions. Membership in this ensemble requires the purchase of a uniform. See the choir director for details.

2711 MUSIC THEORY 1

GRADE PLACEMENT: 10-11
PREREQUISITE: TEACHER RECOMMENDATION
CREDIT: 1 UNIT
03152700

2712 MUSIC THEORY 2

GRADE PLACEMENT: 11-12
PREREQUISITE: TEACHER RECOMMENDATION
CREDIT: 1 UNIT
03152800

Broadens the knowledge of the more serious student of music in fundamentals with emphasis on related skills in ear training, sight-singing and keyboard harmony and composition.

2715 AP MUSIC THEORY

GRADE PLACEMENT: 11-12
PREREQUISITE: MUSIC THEORY I OR TEACHER APPROVAL
CREDIT: 1 UNIT
A3150200

Introduces musicianship, theory, musical materials and procedure. It integrates aspects of melody, harmony, texture, rhythm, form, musical analysis, elementary composition, and to some extent, history and style. The student's ability to read and write musical notation is fundamental to such a course. Students are required to take the College Board's AP Examination in Music Theory.

FINE ARTS

1465 IB Music I (SL)

GRADE PLACEMENT: 11-12
PREREQUISITE: NONE
CREDIT: 1 UNIT
13250200

1466 IB Music II (HL)

GRADE PLACEMENT: 12
PREREQUISITE: NONE
CREDIT: 1 UNIT
13250200

Focuses on the study, analysis, and examination of music from various cultures with an emphasis on theory, history, composition, and performance. Previous musical experience is required. IB Music may fulfill one of the three required Standard Level or Higher Level components for the IB Diploma Candidate. All students participating in the course will be required to complete all IB assessments associated with this class. Students may choose to test for Advanced Placement credit.

IB Diploma Programme – at RHS campus only

2870 THEATRE ARTS I

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1 UNIT
03250100

Introduces the basic components of theatre skills through which the student begins to develop an appreciation of live theatre, the various performing arts, and a study of plays. Requires attendance of productions and minimal after school rehearsal.

2871 THEATRE ARTS 2

GRADE PLACEMENT: 10-12
PREREQUISITE: TEACHER RECOMMENDATION
CREDIT: 1 UNIT
03250200

Investigates the area of acting. Encompasses the study of character and play analysis, and basic technical skills. Encourages students to audition for school productions and take advantage of competitive dramatic events available to them. Requires attendance of productions, competitive activities and some after school rehearsal.

2872 THEATRE ARTS 3

GRADE PLACEMENT: 11-12
PREREQUISITE: TEACHER RECOMMENDATION AND AUDITION
CREDIT: 1 UNIT
03250300

Explores the highly complex area of theatre. Emphasizes performing a role, development of creative skill and relating to other actors in a meaningful way, with special emphasis on competitive work and department productions. Requires participation in production and competitive activities.

2873 THEATRE ARTS 4

GRADE PLACEMENT: 12
PREREQUISITE: TEACHER RECOMMENDATION AND AUDITION
CREDIT: 1 UNIT
03250400

Continues study of Theatre Arts 3 with emphasis on individual interests. Competition and production are required. Requires participation in production and competitive activities.

2874 THEATRE ARTS INDEPENDENT STUDY

GRADE PLACEMENT: 9-12
PREREQUISITE: TEACHER RECOMMENDATION
CREDIT: 1 UNIT (LOCAL)
84500874

Emphasizes performance and competitive activities and allows students who need more flexibility to focus independently on performance techniques. Requires participation in production and competitive activities.

FINE ARTS

1468 IB THEATRE ARTS SL

GRADE PLACEMENT: 9-12
PREREQUISITE: TEACHER RECOMMENDATION
CREDIT: 1 UNIT
I3750200

1469 IB THEATRE ARTS HL

GRADE PLACEMENT: 9-12
PREREQUISITE: TEACHER RECOMMENDATION
CREDIT: 1 UNIT
II3750300

Explores three interrelated areas of theatre from the perspective of dramaturg, director, performer, group ensemble, production team and spectator. Theatre in the making is on the process of theatre making rather than the presentation of theatre. It encompasses the acquisition and development of all skills required to create, present and observe theatre. It is exploratory in nature. Theatre in performance is on the application of skills developed in theatre in the making. This involves students in various aspects of presenting theatre, where their practical skills can be applied in different roles (as performers and as part of the production team, while also building knowledge they have acquired in other areas. Theatre in the world focuses on a practical and theoretical exploration of a range of theatre traditions and cultural practices around the world. It allows students to explore the origins and traditions of a variety of theatre conventions and practices from diverse cultural and historical contexts.

RHS campus only.

2875 TECHNICAL THEATRE 1

GRADE PLACEMENT: 9-12
PREREQUISITE:
CREDIT: 1 UNIT
03250500

Involves students in scenery construction, lighting, costumes, make-up, properties and sound reinforcement for an actual theatre production. Lab time required. Substitution of written work available by contract. Requires attendance of productions.

NOTE: INVOLVES AFTER SCHOOL PARTICIPATION

2876 TECHNICAL THEATRE 2

GRADE PLACEMENT: 10-12
CREDIT: 1 UNIT
03250600

Explores the technical and business aspects of the theatre and the application of these methods and procedures with the major portion of class time spent on actual work on a production. Encourages students to learn all aspects of technical production and then concentrate on those skills which are of most interest to them. Production work required. Requires attendance of productions, competitive activities and some after school rehearsal.

NOTE: INVOLVES AFTER SCHOOL PARTICIPATION

2877 TECHNICAL THEATRE 3

GRADE PLACEMENT: 11-12
PREREQUISITE: TECHNICAL THEATRE I & II AND TEACHER RECOMMENDATION
CREDIT: 1 UNIT
03251100

2878 TECHNICAL THEATRE 4

GRADE PLACEMENT: 11-12
PREREQUISITE: TECHNICAL THEATRE 1, 2, & 3 AND TEACHER RECOMMENDATION
CREDIT: 1 UNIT
03251200

Gives the student further opportunity to explore the highly complex world of technical theatre. Emphasizes continued development in all areas of technical theatre; including but not limited to design, leadership, departmental design, facility management, technical support, and production. Production work requires time outside the school day; sometimes weekends and holidays and participation in the actual production and department activities.

NOTE: INVOLVES AFTER SCHOOL PARTICIPATION

FINE ARTS

2880 THEATRE PRODUCTION 1

GRADE PLACEMENT: 9-12
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03250700

2881 THEATRE PRODUCTION 2

GRADE PLACEMENT: 10-12
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03250800

2882 THEATRE PRODUCTION 3

GRADE PLACEMENT: 11-12
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03250900

2883 THEATRE PRODUCTION 4

GRADE PLACEMENT: 12
PREREQUISITE: AUDITION
CREDIT: 1 UNIT
03251000

Theatre Production 1-4 is a co-curricular laboratory for exploration, development and synthesis of all the elements of production. Practical experiences in performance and stagecraft are provided through the preparation and public performances of one or more plays/musicals.

2827 TECHNICAL THEATRE INDEPENDENT STUDY

GRADE PLACEMENT: 11-12
PREREQUISITE: TEACHER RECOMMENDATION
CREDIT: 1 UNIT (LOCAL)
85000827

Continues technical study for students who need more flexibility. Emphasizes continued development in all areas of technical theatre and allows students to focus independently in their areas of interest. Some production work and lab time are REQUIRED. Occasional substitution of major research and/or design work is possible by contract. Requires participation in production.

SPEECH/DEBATE

2601 COMMUNICATION APPLICATIONS (SPEECH)

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1/2 UNIT
03241400

Improves interpersonal communications and public speaking skills. Students will explore the role of verbal communications, nonverbal communications, public speaking and rhetorical criticism.

9260 APPLIED COMMUNICATIONS APPLICATIONS

GRADE PLACEMENT: 9-12+
CREDIT: 1/2 UNIT
03241400

Student will focus on personal and public oral and written communication skills with an emphasis on obtaining needed information. Adapted to meet the needs outlined in student's IEP.

9160 DEVELOPMENTAL COMMUNICATIONS APPLICATIONS

CREDIT: 1/2 UNIT
03241400

Individualized instruction that emphasizes communication for students with severe cognitive and physical disabilities.

RLT campus only.

SPEECH/DEBATE

8811 PROFESSIONAL COMMUNICATIONS (SPEECH)

GRADE PLACEMENT: 9-12

PREREQUISITE: NONE

CREDIT: 1/2 UNIT

13009900

Blends written, oral, and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Within this context, students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research.

This course may be used to satisfy Speech credit.

2606 DEBATE 1 (NONCOMPETITIVE)

GRADE PLACEMENT: 9-12

PREREQUISITE: NONE

CREDIT: 1 UNIT

03240600

Helps students develop competence in reasoning, research skills, public speaking, and argumentation. Emphasizes improved analytical thinking and speaking skills. Competition is encouraged.

2607 DEBATE 1 (COMPETITIVE)

GRADE PLACEMENT: 9-12

PREREQUISITE: NONE

CREDIT: 1 UNIT

03240600

Prepares the novice debater who has an interest in competitive debate. Students are required to participate in tournaments in both argumentation events and public speaking events. Numerous research assignments, writing assignments and performance assignments will be required. In addition, each student will be expected to attend afternoon practice sessions.

2623 DEBATE 2

GRADE PLACEMENT: 10-12

PREREQUISITE: 2606

CREDIT: 1 UNIT

03240700

Prepares the advanced debate student who has proved through prior participation and teacher approval to be dedicated to an intense study of argumentation and debate. Students are required to participate in competitive debate situations throughout the year. Numerous research assignments must be completed both during and outside of the normal school day.

2665 DEBATE 3

GRADE PLACEMENT: 11-12

PREREQUISITE: 2623 AND TEACHER RECOMMENDATION

CREDIT: 1 UNIT

03240800

Emphasizes debate techniques, oratory and extemporaneous speaking and involvement in activities designed to stimulate the self-directed student's awareness of the effectiveness of good speaking techniques. Competition is required.

2666 DEBATE 4

GRADE PLACEMENT: 12

PREREQUISITE: DEBATE III

CREDIT: 1 UNIT (LOCAL)

85000666

Emphasizes debate techniques, oratory and extemporaneous speaking and involvement in activities designed to stimulate the self-directed student's awareness of the effectiveness of good speaking techniques. Competition is required.

JOURNALISM

2930 JOURNALISM I

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1 UNIT
03230100

Provides an introduction to the basics of Journalism. Includes forms and styles of journalistic writing, layout, design and production methods, processes of reporting, editing, basic principles of advertising, fundamentals of photography, production methods and organization of school publications. Skills of critical thinking and writing are emphasized.

2935 INDEPENDENT STUDY JOURNALISM (1ST TIME TAKEN)

GRADE PLACEMENT: 11-12
PREREQUISITE: INSTRUCTOR APPROVAL
CREDIT: 1 UNIT
03231000

2936 INDEPENDENT STUDY JOURNALISM (2ND TIME TAKEN)

GRADE PLACEMENT: 11-12
PREREQUISITE: INSTRUCTOR APPROVAL
CREDIT: 1/2 UNIT
03231011

Allows writers and photographers to experiment with journalistic expression in a variety of formats including journalistic writing and photography at an advanced level. Students may NOT take the course in place of regularly scheduled newspaper or yearbook courses, and may NOT enroll in the course without adviser approval.

2940 PHOTOJOURNALISM

GRADE PLACEMENT: 10-11
PREREQUISITE: TEACHER RECOMMENDATION
CREDIT: 1/2 UNIT
03230800

Acquaints the student with photojournalism. Includes introduction to basic camera techniques and photo composition. Different campuses may vary between traditional darkroom and digital photo labs so equipment, supply lists and **lab fees** will vary.

2950 ADVANCED JOURNALISM: NEWSPAPER PRODUCTION I

GRADE PLACEMENT: 10-12
PREREQUISITE: 2930 OR 2940 AND TEACHER RECOMMENDATION OR TEACHER RECOMMENDATION ONLY
CREDIT: 1 UNIT
03230140

Allows the student to participate in the actual production of a newspaper. Students practice basic skills under the conditions of a production situation. Used as a teaching instrument within the approved curriculum, the paper remains under the supervision of the instructor; but the students actually operate the production by working in one or more of the following areas: photography, editing/reporting, and business management/advertising. Some after school hours are required.

2955 ADVANCED JOURNALISM: NEWSPAPER PRODUCTION II

GRADE PLACEMENT: 11-12
PREREQUISITE: 2950 AND TEACHER RECOMMENDATION
CREDIT: 1 UNIT
03230150

Provides students opportunity to participate in leadership roles in the production of a school newspaper. Students learn all aspects of the production of a school newspaper as well as one of the following journalistic specialties: desktop publishing, photography, editing/reporting, or business management/advertising. Students practice and refine advanced writing and editing skills. Some after school hours are required.

JOURNALISM

2960 ADVANCED JOURNALISM: NEWSPAPER PRODUCTION III

GRADE PLACEMENT: 12
PREREQUISITE: 2955 AND TEACHER RECOMMENDATION
CREDIT: 1 UNIT
03230160

Provides opportunity for the advanced journalism student who displays a high degree of skill and motivation in the area of newspaper production. Students lead the journalism staff in the production of the school newspaper and develop advanced and specialized skills in at least one of the following areas: desktop publishing, photography, editing/reporting, or business management/advertising. Students practice and refine advanced writing and editing skills. Some after school hours are required.

2965 ADVANCED JOURNALISM: YEARBOOK I

GRADE PLACEMENT: 10 - 12
PREREQUISITE: 2930 OR 2940 AND TEACHER RECOMMENDATION OR TEACHER RECOMMENDATION ONLY
CREDIT: 1 UNIT
03230110

Emphasizes the production of a yearbook through comprehensive reporting and on-the-spot photojournalism. Students may elect to work in desktop publishing, layout-copy production, photography, or business/ advertising. Students use graphic arts skills. Some after school hours are required.

2970 ADVANCED JOURNALISM: YEARBOOK II

GRADE PLACEMENT: 11 - 12
PREREQUISITE: 2965 AND TEACHER RECOMMENDATION
CREDIT: 1 UNIT
03230120

Allows students the opportunity to participate in leadership roles in the production of a school yearbook. Students specialize in one of the areas of desktop publishing, layout-copy production, photography, or business/ advertising, and learn the basic skills of all areas of magazine production as well. Some after school hours are required.

2975 ADVANCED JOURNALISM: YEARBOOK III

GRADE PLACEMENT: 12
PREREQUISITE: 2970 AND TEACHER RECOMMENDATION
CREDIT: 1 UNIT
03230130

Assists the advanced journalism student who displays a high degree of skill and motivation in the area of yearbook/ magazine production, leading other students on the staff in the production of the school yearbook. Students must demonstrate a well-developed sense of responsibility, leadership, and management skills in order to succeed in this course. They develop advanced and specialized skills in one of the following areas: photojournalism, layout/copy production, or business/ advertising. Some after school hours are required.

8804 COMMERCIAL PHOTOGRAPHY

GRADE PLACEMENT: 10-12
PREREQUISITE:
CREDIT: 1 UNIT
13009100

Careers in commercial photography require skills that span all aspects of the industry from setting up a shot to delivering products in a competitive market. Students will develop an understanding of the commercial photography industry with a focus on creating quality photographs and pursuing a professional career in photography. Students have the option to pursue a professional level certification.

8803 ADVANCED COMMERCIAL PHOTOGRAPHY

GRADE PLACEMENT: 11-12
PREREQUISITE:
CREDIT: 1 UNIT
13009200

Careers in commercial photography span all aspects of the industry from setting up a shot to delivering products in a competitive market. Students will develop an advanced technical understanding of the commercial photography industry with a focus on producing, promoting, and presenting professional quality photographs and pursuing a professional career in photography. Students will pursue a professional level certification in Advanced Photography Programs.

WORLD LANGUAGES

3401 WORLD LANGUAGE LEVEL I – AMERICAN SIGN LANGUAGE

GRADE PLACEMENT: 11-12
PREREQUISITE: NONE
CREDIT: 1 UNIT
03980100

3402 WORLD LANGUAGE LEVEL II – AMERICAN SIGN LANGUAGE

GRADE PLACEMENT: 11-12
PREREQUISITE: 3401 AND/OR TEACHER RECOMMENDATION
CREDIT: 1 UNIT
03980200

Introduces basic signs, phrases and sentences using American Sign Language. Appreciation of the American Deaf culture will be emphasized.

**Dual Credit through BHC or distance learning only*

FRENCH

3604 WORLD LANGUAGE LEVEL I - FRENCH

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1 UNIT
03410100

Introduces basic speaking, reading, and writing skills. Emphasizes vocabulary building and the study of French culture.

3605 WORLD LANGUAGE LEVEL II - FRENCH

GRADE PLACEMENT: 10-12
PREREQUISITE: 3604
CREDIT: 1 UNIT
03410200

Emphasizes understanding the spoken word and speaking. Develops writing skills and reading for comprehension based on the people and cultures of France and francophone countries.

3606 PRE AP WORLD LANGUAGE LEVEL III - FRENCH

GRADE PLACEMENT: 11-12
PREREQUISITE: 3605
CREDIT: 1 UNIT
03410300

Develops reading skills in addition to listening comprehension, speaking and writing. Stresses a broader appreciation of French culture and civilization.

3607 AP WORLD LANGUAGE LEVEL IV – FRENCH

GRADE PLACEMENT: 12
PREREQUISITE: 3606
CREDIT: 1 UNIT
A3410100

Increases the amount of reading significantly and further develops writing skills. Continues an emphasis on French culture and civilization. Includes a survey of French literature, reading of literary selections, and literary analysis.

WORLD LANGUAGES

3608 WORLD LANGUAGE LEVEL V - FRENCH

GRADE PLACEMENT: 12
PREREQUISITE: FRENCH IV AND/OR TEACHER ADVISEMENT
CREDIT: 1 UNIT
03410500

Increases the amount of reading and writing significantly and refines use of grammar, sentence structure and vocabulary. Speaking with acceptable accuracy and fluency is emphasized as well. The study of literature and culture is included, but the main emphasis is on language skills and communication. Designed to prepare students for the AP French Language Exam.

1445 PRE DIPLOMA WORLD LANGUAGE FRENCH III

GRADE PLACEMENT: 11
PREREQUISITE: FRENCH II AND/OR IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT
03410300

Expands a student's study of the French language and culture. The main emphasis is on language acquisition and use in a range of contexts and for different purposes, and instruction will center upon the core elements of listening, speaking, reading, and writing. Pre-Diploma French 3 is intended to prepare the highly motivated, advanced student for future IB level coursework.

IB Diploma Programme at RHS campus only

1446 WORLD LANGUAGE IB FRENCH IV

GRADE PLACEMENT: 11-12
PREREQUISITE: PRE-DIPLOMA FRENCH III AND/OR IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT
13410400

Advances a student's study of the French language, literature, and culture. The main emphasis is on sophisticated language acquisition and use in a range of contexts and for different purposes, and instruction will center upon the core elements of listening, speaking, reading, and writing. IB French 4 may fulfill one of the three required Standard Level components for the IB Diploma Candidate. Students will be required to complete all IB assessments associated with this course. Students may choose to test for Advanced Placement credit.

IB Diploma Programme at RHS campus only

GERMAN

3700 WORLD LANGUAGE LEVEL I - GERMAN

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1 UNIT
03420100

Emphasizes language skills in listening, speaking, reading, and writing. Includes a study of German culture.

3701 WORLD LANGUAGE LEVEL II - GERMAN

GRADE PLACEMENT: 10-12
PREREQUISITE: 3700
CREDIT: 1 UNIT
03420200

Emphasizes understanding the spoken word and speaking. Develops writing skills and reading for comprehension based on German culture.

WORLD LANGUAGES

3702 PRE AP WORLD LANGUAGE LEVEL III - GERMAN

GRADE PLACEMENT: 11-12
PREREQUISITE: 3701
CREDIT: 1 UNIT
03420300

Develops writing skills in addition to skills in listening, comprehension, speaking, and reading. Involves study towards a further appreciation of German culture.

3703 AP WORLD LANGUAGE LEVEL IV - GERMAN

GRADE PLACEMENT: 11-12
PREREQUISITE: 3702
CREDIT: 1 UNIT
A3420400

Increases amount of reading and further develops writing skills. Emphasizes in-depth study of German culture and literature.

3704 WORLD LANGUAGE LEVEL V - GERMAN

GRADE PLACEMENT: 12
PREREQUISITE: 3703
CREDIT: 1 UNIT
03420500

Provides the student who will continue in a program consisting of discussion-level conversation, in-depth study of authentic German literature, advanced level writing skills and higher level listening activities which all combine to prepare the student for the German AP Test.

JAPANESE

3750 WORLD LANGUAGE LEVEL I - JAPANESE

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1 UNIT
03120100

Provides students with live experiences in comprehending, speaking, reading and writing in the Japanese language, as well as acquiring information about the customs and culture of Japan through contact with Japanese people.

3751 WORLD LANGUAGE LEVEL II - JAPANESE

GRADE PLACEMENT: 10-12
PREREQUISITE: 3750
CREDIT: 1 UNIT
03120200

Offers students live experiences in comprehending, speaking, reading and writing in the Japanese language, as well as acquiring information about the customs and culture of Japan through contact with Japanese people. Additional facility with the language.

3752 PRE AP WORLD LANGUAGE LEVEL III - JAPANESE

GRADE PLACEMENT: 11-12
PREREQUISITE: 3751
CREDIT: 1 UNIT
03120300

Provides students with oral and written language skills with concentration on understanding instruction delivered in Japanese. Students should understand that this college-level course will demand outside preparation and intensive study.

WORLD LANGUAGES

3753 AP WORLD LANGUAGE LEVEL IV - JAPANESE

GRADE PLACEMENT: 12
PREREQUISITE: 3752
CREDIT: 1 UNIT
3120400

Extends proficiency skills taught in Levels I-III so that students may continue their study of the language.

3754 WORLD LANGUAGE JAPANESE V LANGUAGE AND CULTURE

GRADE PLACEMENT: 11-12
PREREQUISITE: PRE-AP WORLD LANGUAGE JAPANESE IV (3753)
CREDIT: 1 UNIT
03120500

Improves the productive, receptive and cultural skills necessary to communicate with native speakers and writers of Japanese. Encourages critical reflection about the Japanese culture, society, and other social categories. Proficiency levels at the conclusion of the course are expected to reach the Intermediate Low to Intermediate Mid-range, as described in the American Council on the Teaching of Foreign Languages.

SPANISH

3807 WORLD LANGUAGE LEVEL I - SPANISH FOR NATIVE SPEAKERS

GRADE PLACEMENT: 9-12
PREREQUISITE: TEACHER RECOMMENDATION
CREDIT: 1 UNIT
03440110

Emphasizes standard spoken and written Spanish, grammar, listening skills, and reading comprehension based on the culture of the Hispanic world.

3808 WORLD LANGUAGE LEVEL I - SPANISH

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1 UNIT
03440100

Introduces basic listening, speaking, reading and writing skills. Emphasizes vocabulary building and includes the study of Hispanic culture.

3809 WORLD LANGUAGE LEVEL II – SPANISH FOR NATIVE SPEAKERS

GRADE PLACEMENT: 9-12
PREREQUISITE: 3807
CREDIT: 1 UNIT
03440220

Emphasizes standard spoken and written Spanish. Increases reading, grammar and writing skills as well as the study of the people and cultures of the Hispanic world.

3810 WORLD LANGUAGE LEVEL II - SPANISH

GRADE PLACEMENT: 9-12
PREREQUISITE: TEACHER RECOMMENDATION
CREDIT: 1 UNIT
03440200

Emphasizes understanding the spoken word and speaking. Develops writing skills and reading comprehension based on the culture of the Hispanic world.

WORLD LANGUAGES

1442 PRE-DIPLOMA WORLD LANGUAGE SPANISH II

GRADE PLACEMENT: 9-10
PREREQUISITE: SPANISH I
CREDIT: 1 UNIT
03440200

Continues a student's beginning study of the Spanish language and culture. This class is an advanced course intended for students who plan on pursuing Pre-Diploma Spanish 3 the following year. The main emphasis is on language acquisition and use in a range of contexts and for different purposes, and instruction will center upon the core elements of listening, speaking, reading, and writing.

IB Diploma Programme – at RHS campus only.

3819 PRE AP WORLD LANGUAGE LEVEL III- SPANISH FOR NATIVE SPEAKERS

GRADE PLACEMENT: 9-12
PREREQUISITE: TEACHER RECOMMENDATION
CREDIT: 1 UNIT
03440330

Increases vocabulary, reading skills and grammar in addition to listening comprehension, speaking and writing. Develops a greater appreciation of Hispanic culture and civilization.

3820 PRE-AP WORLD LANGUAGE LEVEL III SPANISH

GRADE PLACEMENT: 10-12
PREREQUISITE: 3810
CREDIT: 1 UNIT
03440300

Develops reading skills in addition to greater skills in listening, speaking and writing. Develops a fuller appreciation of Hispanic culture and civilization. Helps to prepare students for Spanish IV Pre AP

3822 WORLD LANGUAGE LEVEL IV – AP SPANISH LANGUAGE

GRADE PLACEMENT: 11-12
PREREQUISITE: 3820
CREDIT: 1 UNIT
A3440100

Increases the amount of original writing and reading. Class discussion in Spanish. Places a strong emphasis on Hispanic culture and civilization. Includes a survey of Hispanic literature, reading of literary selections, and literary analysis. This course prepares the student for the AP Language examination.

3823 WORLD LANGUAGE LEVEL V – AP SPANISH LITERATURE

GRADE PLACEMENT: 12
PREREQUISITE: SPANISH IV OR SPANISH FOR NATIVE SPEAKERS AND TEACHER RECOMMENDATION
CREDIT: 1 UNIT
A3440200

Includes a survey of Hispanic literature, reading of literary selections, and literary analysis. Students will prepare for the Spanish advanced placement test (literature portion).

WORLD LANGUAGES

1440 PRE DIPLOMA WORLD LANGUAGE SPANISH III

GRADE PLACEMENT: 10-11
PREREQUISITE: SPANISH II AND/OR IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT
03440300

Expands a student's study of the Spanish language and culture. The main emphasis is on language acquisition and use in a range of contexts and for different purposes, and instruction will center upon the core elements of listening, speaking, reading, and writing. Pre-Diploma Spanish 3 is intended to prepare the highly motivated, advanced student for future IB level coursework.

IB Diploma Programme at RHS campus only

1441 WORLD LANGUAGE IB SPANISH IV

GRADE PLACEMENT: 11-12
PREREQUISITE: SPANISH III AND/OR IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT
I3440400

Advances a student's study of the Spanish language, literature, and culture. The main emphasis is on sophisticated language acquisition and use in a range of contexts and for different purposes, and instruction will center upon the core elements of listening, speaking, reading, and writing. IB Spanish 4 will fulfill one of the three required Standard Level components for the IB Diploma Candidate. All students participating in the course will be required to complete all IB assessments associated with this class. Students may choose to test for Advanced Placement credit.

IB Diploma Programme at RHS campus only

1443 WORLD LANGUAGE IB SPANISH V

GRADE PLACEMENT: 11-12
PREREQUISITE: SPANISH IV AND/OR IB DIPLOMA
CREDIT: 1 UNIT
I3440500

Focuses on the learning of language through meaning. The following topics will be utilized as unifying concepts to guide the course: communication and media, global issues, social relationships, cultural diversity, science and technology, and literature.

Students in this course will: understand complex recorded or spoken information in Spanish; appreciate literary works in the target language; understand complex authentic written texts; communicate orally in the target language in order to explain in detail and defend a point of view, and accurately describe in detail experiences and events, as well as abstract ideas and concepts; produce clear texts in Spanish where the use of register, style, rhetorical devices and structural elements are appropriate to the audience and purpose; produce clear and convincing arguments in Spanish to support a point of view; demonstrate interaction that flows coherently with a degree of fluency and spontaneity; engage coherently in conversations in Spanish in a variety of situations; demonstrate intercultural engagement with the target language and culture(s).

IB Diploma Programme at RHS campus only

WORLD LANGUAGES

ECHS COURSES

3300 WORLD LANGUAGE BEGINNING SPANISH I

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1 UNIT
03440100

Introduces students to the Spanish language. This is the first semester of academic transfer Spanish. This course is an introductory course intended for students with little or no knowledge of the language. Its aim is to present essential vocabulary and grammar, and to develop the pronunciation, listening, reading, and writing skills necessary for basic communication and comprehension. Customs and cultural insights are also presented. This course is cross-listed as SPAN 1311, which is also used in Study Abroad programs. Students may register for either SPAN 1311 or SPAN 1411 but may receive credit for only one of the two. Brookhaven Course #1411

Offered for ECHS students only

3302 WORLD LANGUAGE BEGINNING SPANISH II

GRADE PLACEMENT: 9-12
PREREQUISITE: SPAN 1411 OR EQUIVALENT, OR SPANISH 1300 AND SPANISH 1311, OR DEMONSTRATED COMPETENCE
APPROVED BY INSTRUCTOR
CREDIT: 1 UNIT
03440200

Continuation of oral practice, reading, writing, grammar and cultural studies begun in Spanish 1411. This is the second semester of academic transfer Spanish. Students are expected to acquire a substantial amount of vocabulary and begin to deal with idiomatic language and more advanced syntax. This course is cross-listed as SPAN 1312, which is used *only* in Study Abroad programs. Students may register for either SPAN 1312 or SPAN 1412 but may receive credit for only one of the two. Brookhaven Course #1412

Offered for ECHS students only.

3304 WORLD LANGUAGE SPANISH III INTERMEDIATE SPANISH I AND INTERMEDIATE SPANISH II

GRADE PLACEMENT: 10-12
PREREQUISITE: SPANISH 1412 OR EQUIVALENT
CREDIT: 1 UNIT
03440300

Enables students to further develop overall language proficiency and cultural knowledge through more advanced reading, listening, speaking and writing exercises. This is the third semester of academic transfer Spanish. Grammatical concepts are reviewed and expanded. Brookhaven course #2311

Stresses reading, composition, grammatical complexities, and intense oral practice, with continued studies of the culture. This is the fourth semester of academic transfer Spanish and a continuation of SPAN 2311. Brookhaven course #2312

Offered for ECHS students only.

3823 WORLD LANGUAGE INTRODUCTION TO SPANISH LITERATURE

GRADE PLACEMENT: 12
PREREQUISITE: SPANISH 2312 OR THE EQUIVALENT
CREDIT: 1 UNIT
A3440200

Includes readings in Spanish literature, history, culture, art, and civilization. Brookhaven course #2322

WORLD LANGUAGES

CHINESE

3901 WORLD LANGUAGE LEVEL I – CHINESE (MANDARIN)

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1 UNIT
03490100

3902 WORLD LANGUAGE LEVEL II – CHINESE (MANDARIN)

GRADE PLACEMENT: 10-12
PREREQUISITE: 3901 OR TEACHER RECOMMENDATION
CREDIT: 1 UNIT
03490200

3903 PREAP WORLD LANGUAGE LEVEL III – CHINESE (MANDARIN)

GRADE PLACEMENT: 11-12
PREREQUISITE: 3902 OR TEACHER RECOMMENDATION
CREDIT: 1 UNIT
03490300

Provides students with experiences in comprehending, speaking, reading, and writing in the Chinese language. The student will also acquire information about the customs and culture of China.

**Newman Smith High School Only*

3904 WORLD LANGUAGE LEVEL IV – AP CHINESE (MANDARIN)

GRADE PLACEMENT: 11-12
PREREQUISITE: 3903 OR FLUENCY IN CHINESE
CREDIT: 1 UNIT
A3490400

Increases the amount of reading and writing and refines the usage of grammar, sentence structure, and vocabulary of the Chinese language. Discussion level conversations and high level listening skills will prepare the student for the advanced placement examination.

PHYSICAL EDUCATION/ATHLETICS/HEALTH

One credit of P.E. is required to graduate and a maximum of four (4) credits in P.E. are permitted towards meeting the state graduation requirements. A P.E. course may not be taken twice.

5594 AEROBIC ACTIVITIES/DANCE

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1 UNIT
PES00054

Explores various forms of low impact aerobics, high impact aerobics, and modern and traditional dance. Aerobic movements involve large muscle groups used in continuous rhythmic activities. Emphasis will be placed on activities that will promote healthy behaviors and an enjoyment of life-long physical activity.

This course may not be repeated for credit.

5597 INDIVIDUAL OR TEAM SPORTS (WEIGHTLIFTING)

GRADE PLACEMENT: 10-12
PREREQUISITE: APPROVAL FROM POWERLIFTING/WEIGHTLIFTING COACH ONLY
CREDIT: 1 UNIT
PES00055

Provides students with the opportunity to gain insight into power lifting, and weightlifting.

5600 FOUNDATIONS OF PERSONAL FITNESS

GRADE PLACEMENT: 9-10
PREREQUISITE: NONE
CREDIT: 1 UNIT
PES00052

Analyzes the components of physical fitness and the relationship between physical fitness activities and stress. They will examine nutritional practices as related to their health and how to be a wise consumer as it relates to physical fitness equipment. The course includes a conditioning program based on an understanding of the physiological factors and changes involved in various exercises that incorporate muscular endurance, flexibility, and cardiovascular or cardio respiratory endurance. This course may not be repeated for credit.

5601 INDIVIDUAL OR TEAM SPORTS

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1 UNIT
PES00055

Includes opportunities to improve skills for participation in lifetime physical activities. There will be opportunities to participate, learn rules and officiate in many lifetime activities and sports.

This course may not be repeated for credit.

5604 ADVENTURES/OUTDOOR EDUCATION

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1 PE UNIT
PES00053

Develops competency in outdoor education activities that provide opportunities for enjoyment and challenge, ensuring fitness throughout the lifespan. Outdoor education will include such curriculum as: trip planning, orienteering and wilderness survival skills, archery, first aid, conservation and environmental issues, outdoor cooking and camping, hunter and water safety, fishing and tackle crafts. Students will further engage in various outdoor life time fitness activities and games.

This course may not be repeated for credit.

PHYSICAL EDUCATION/ATHLETICS/HEALTH

5610 ADAPTED PE

GRADE PLACEMENT: 9-12
PREREQUISITE: TEACHER OR COUNSELOR APPROVAL
CREDIT: 1 UNIT
90005610

Provides physical activity to meet the needs of students who have a physical problem or disability.

5611 NON DISTRICT PROGRAM PE SUBSTITUTION 1

GRADE PLACEMENT: 9-12
PREREQUISITE: APPLICATION APPROVAL
CREDIT: 1/2 UNIT
PES00008

5612 NON DISTRICT PROGRAM PE SUBSTITUTION 2

GRADE PLACEMENT: 9-12
PREREQUISITE: APPLICATION APPROVAL
CREDIT: 1/2 UNIT
PES00009

5613 NON DISTRICT PROGRAM PE SUBSTITUTION 3

GRADE PLACEMENT: 9-12
PREREQUISITE: APPLICATION APPROVAL
CREDIT: 1/2 UNIT
PES00010

5614 NON DISTRICT PROGRAM PE SUBSTITUTION 4

GRADE PLACEMENT: 9-12
PREREQUISITE: APPLICATION APPROVAL
CREDIT: 1/2 UNIT
PES00011

Offers a cooperative arrangement between the district, the student, and an approved off-campus agency selected by the student who indicates a serious intent to obtain a high degree of proficiency in an activity not offered comprehensively through the physical education or athletic departments. Participation under professional supervision Category I Olympic Level requires a minimum fifteen hours per week, Category II Private or Commercially Sponsored requires a minimum of five hours per week, and a payment of \$125 semester fee is required.

Up to four credits can be awarded as PE substitution

5616 AEROBIC ACTIVITIES (PEP SQUAD)

GRADE PLACEMENT: 9-10
PREREQUISITE: NONE
CREDIT: 1 PE UNIT
PES00054

Introduces basic drill team skills including kicks, splits, dances, routines, and team-building activities. Tryout procedures and requirements will be addressed. Uniform purchase and commitments outside of the school day may be required.

PHYSICAL EDUCATION/ATHLETICS/HEALTH

5621 CHEERLEADING I (PE SUBSTITUTION)

GRADE PLACEMENT: 9
PREREQUISITE: TRYOUTS ONLY*
CREDIT: 1 UNIT
PES00013

5622 CHEERLEADING II (AEROBIC DANCE)

GRADE PLACEMENT: 10
PREREQUISITE: TRYOUTS ONLY*
CREDIT: 1 UNIT
PES00054

5623 CHEERLEADING III

GRADE PLACEMENT: 11
PREREQUISITE: TRYOUTS ONLY*
CREDIT: 1 UNIT (LOCAL)
85000618

5624 CHEERLEADING IV

GRADE PLACEMENT: 12
PREREQUISITE: TRYOUTS ONLY*
CREDIT: 1 UNIT (LOCAL)
85000618

Provides students the opportunity to perform in numerous arenas including pep rallies, football-basketball-soccer games, wrestling matches, parades, competitions, spring show, and summer camp. Cheers, chants, jumps, pyramids, tumbling and conditioning will be performed. Opportunities to build school spirit, develop individual technique, and teamwork skills will be provided. **UNIFORM DEPOSIT AND ASSOCIATED COST IS REQUIRED.**

ATHLETICS

Credits earned in Athletic Training and Athletics count as "P.E. Equivalent" credits. One credit of P.E. is required to graduate and a maximum of four (4) credits of Athletics are permitted towards meeting the state graduation requirement.

The following courses are offered as competitive athletics and/or off-season athletic/physical education courses and are governed by the rules and regulations of the University Interscholastic League.

GRADE PLACEMENT: 9-12

5805	Football 1	5831	B-Soccer 2	5857	Baseball 3
5806	Football 2	5832	B-Soccer 3	5858	Baseball 4
5807	Football 3	5833	B-Soccer4	5860	Softball 1
5808	Football 4	5835	G-Soccer 1	5861	Softball 2
5810	B-Basketball 1	5836	G-Soccer 2	5862	Softball 3
5811	B-Basketball 2	5837	G-Soccer 3	5863	Softball 4
5812	B-Basketball 3	5838	G-Soccer 4	5865	G-Basketball 1
5813	B-Basketball 4	5840	Tennis 1	5866	G-Basketball 2
5815	Wrestling 1	5841	Tennis 2	5867	G-Basketball 3
5816	Wrestling 2	5842	Tennis 3	5868	G-Basketball 4
5817	Wrestling 3	5843	Tennis 4	5875	G-Track 1
5818	Wrestling 4	5845	Golf 1	5876	G-Track 2
5820	Cross Country 1	5846	Golf 2	5877	G-Track 3
5821	Cross Country 2	5847	Golf 3	5878	G-Track 4
5822	Cross Country 3	5848	Golf 4	5880	Volleyball 1
5823	Cross Country 4	5850	Swim/Dive 1	5881	Volleyball 2
5825	B-Track 1	5851	Swim/Dive 2	5882	Volleyball 3
5826	B-Track 2	5852	Swim/Dive 3	5883	Volleyball 4
5827	B-Track 3	5853	Swim/Dive4		
5828	B-Track 4	5855	Baseball 1		
5830	B-Soccer 1	5856	Baseball 2		

PHYSICAL EDUCATION/ATHLETICS/HEALTH

MILITARY SCIENCE

5895 RESERVE OFFICERS TRAINING CORPS PE SUBSTITUTION I

GRADE: 9-12
CREDIT: 1 UNIT (ELECTIVE OR PE)
03160100

Introduces students to the importance of good citizenship, promotes patriotism, develops informed and responsible citizens, promotes habits of orderliness precision and develops a high degree of personal honor, self-reliance, self-discipline, and leadership. This course is also designed to provide incentives to live a healthy and drug free lifestyle through physical fitness as well as promote high school completion while developing a respect for and understanding of the need for a constituted authority in a democratic society.

RLT campus only.

5896 RESERVE OFFICERS TRAINING CORPS II

GRADE: 10-12
PREREQUISITE: JROTC I AND INSTRUCTOR APPROVAL
CREDIT: 1 UNIT (ELECTIVE OR PE)
03160200

5897 RESERVE OFFICERS TRAINING CORPS III

GRADE: 11-12
PREREQUISITE: JROTC I & II AND INSTRUCTOR APPROVAL
CREDIT: 1 UNIT (ELECTIVE OR PE)
03160300

5898 RESERVE OFFICERS TRAINING CORPS IV

GRADE: 11-12
PREREQUISITE: JROTC I, II & III AND INSTRUCTOR APPROVAL
CREDIT: 1 UNIT (ELECTIVE OR PE)
03160400

Continues to develop leadership and maritime related skills. Extensively looks at meteorology, navigation, world affairs and survival training. Extra-curricular activities include marksmanship programs, exhibition marching drill teams, ceremonial color guard and other sports and social events. Most expenses associated with activities and field trips are taken care of by the Navy, the school, or NJROTC fund-raising activities.

RLT campus only

5899 ROTC COMPETITION RIFLE TEAM

GRADE: 9-12
PREREQUISITE: INSTRUCTOR APPROVAL; CONCURRENT ENROLLMENT IN ROTC I, II, III, IV
CREDIT: 1 LOCAL UNIT (PE SUBSTITUTION CREDIT)
PES00004

Develops basic and advanced knowledge and marksmanship skills for students who compete in local/regional JROTC rifle competitions.

RLT campus only.

PHYSICAL EDUCATION/ATHLETICS/HEALTH

5900 JROTC COMPETITION DRILL TEAM

GRADE: 9-12
PREREQUISITE: INSTRUCTOR APPROVAL; CONCURRENT ENROLLMENT IN JROTC I, II, III, IV
CREDIT: 1 LOCAL UNIT (ELECTIVE OR PE)
85000590

Develops basic and advanced knowledge and marching skills for students who compete in local/regional JROTC drill competitions.

RLT campus only.

5910 HEALTH

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1/2 UNIT
03810100

Provides knowledge and understanding of the following areas; physical fitness and nutrition, consumer education, diseases and their prevention, mental health, drugs, family planning and living, environmental health, and safety and emergency procedures.

9250 APPLIED HEALTH

GRADE PLACEMENT: 9-12
CREDIT: 1/2 UNIT
03810100

Student will focus on making healthy lifestyle decisions including personal development strategies to use in addressing personal health and hygiene issues, and social skills development. Adapted to meet the needs outlined in student's IEP.

9251 APPLIED HEALTH PLUS

GRADE PLACEMENT: 10-12+
CREDIT: 1/2 UNIT
84300251

Student will continue to study health awareness and its application to current events, access to health and social services within the community, wellness strategies, mental health awareness, and substance abuse. Adapted to meet the needs outlined in student's IEP.

9150 DEVELOPMENTAL HEALTH

CREDIT: 1/2 UNIT
03810100

Individualized instruction that emphasizes the environment for students with severe cognitive and physical disabilities.
RLT campus only.

CAREER AND TECHNICAL EDUCATION

AGRICULTURE, FOOD AND NATURAL RESOURCES

8217 PRINCIPLES OF AGRICULTURE, FOOD & NATURAL RESOURCES

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1/2 UNIT
13000200

Enhances the agricultural comprehension of young adults. Includes agricultural career development, leadership, communications and personal finances. This course also includes the overview of soil and plants, animals, and agricultural construction. This course may count as Communications (Speech) credit.

RLT and CHS only.

8228 SMALL ANIMAL MANAGEMENT

GRADE PLACEMENT: 9-12
PREREQUISITE: PRINCIPLES OF AGRICULTURE, FOOD AND NATURAL RESOURCES
CREDIT: 1/2 UNIT
13000400

Focuses on working in small animal industry, animal rights and welfare, career opportunity in small animal care. This course is recommended for those that have an interest in the Veterinary Science field.

RLT and CHS only.

8223 WILDLIFE, FISHERIES & ECOLOGY MANAGEMENT

GRADE PLACEMENT: 9-12
PREREQUISITE: PRINCIPLES OF AGRICULTURE, FOOD AND NATURAL RESOURCES.
CREDIT: 1/2 UNIT
13001500

Examines the importance of wildlife and outdoor recreation with emphasis on using wildlife and natural resources. Students will also examine the management of game and non-game wildlife species, fish, and aqua crops and their ecological needs. Students are able to obtain their Hunter Safety Certification during this course if they pass their exam.

RLT and CHS only.

8219 LIVESTOCK PRODUCTION

GRADE PLACEMENT: 10-12
PREREQUISITE: PRINCIPLES OF AGRICULTURE, FOOD AND NATURAL RESOURCES
CREDIT: 1/2 UNIT
13000300

Introduces the common veterinary skills and procedures used on livestock, anatomy of livestock, genetics and reproduction, and diseases that can affect all livestock animals. This course is recommended for those that have an interest in the Veterinary Science field.

RLT campus only.

8222 EQUINE SCIENCE

GRADE PLACEMENT: 10-12
PREREQUISITE: PRINCIPLES OF AGRICULTURE, FOOD AND NATURAL RESOURCES
CREDIT: 1/2 UNIT
13000500

Develop knowledge and skills pertaining to the selection, nutrition, reproduction, health, and management of horses. This course is recommended for those that have an interest in the Veterinary Science field.

RLT campus only.

CAREER AND TECHNICAL EDUCATION

8218 AGRICULTURAL MECHANICS & METAL TECHNOLOGIES

GRADE PLACEMENT: 10-12
PREREQUISITE: PRINCIPLES OF AGRICULTURE, FOOD AND NATURAL RESOURCES
CREDIT: 1/2 UNIT
13002200

Develops proficiency in many welding skills. Students will be expected to use the cutting torch and MIG Welders. Welding in several positions, which include flat, horizontal, and vertical. The course develops an understanding of tool operation, electrical wiring, plumbing, carpentry, and metal working techniques.

RLT campus only.

8230 AGRICULTURAL FACILITIES DESIGN & FABRICATION

GRADE PLACEMENT: 11-12
PREREQUISITE: PRINCIPLES OF AGRICULTURE, FOOD AND NATURAL RESOURCES
CREDIT: 1 UNIT
13002300

Introduce and develop principles of electricity, Geographic Information Systems (GIS), working with concrete, water-management systems, masonry, drywall, and roofing materials.

RLT campus only

8227 ADVANCED PLANT & SOIL SCIENCE

GRADE PLACEMENT: 12
PREREQUISITE: PRINCIPLES OF AGRICULTURE, FOOD AND NATURAL RESOURCES
CREDIT: 1 UNIT
13002100

Students will investigate the importance of plant and soil science and its relationship affecting the production of food and fiber industry. Students will assess the plant ecosystem, Erosion processes, petroleum energy, crop production, and genetically engineered plants and their importance to solving world hunger. This class will have 40% of class time instruction to conduct field experiments, laboratory investigation.

8229 ADVANCED ANIMAL SCIENCE

GRADE PLACEMENT: 12
PREREQUISITE: PRINCIPLES OF AGRICULTURE, FOOD AND NATURAL RESOURCES, BIOLOGY OR CHEMISTRY, AND EITHER EQUINE SCIENCE, SMALL ANIMAL MANAGEMENT OR LIVESTOCK PRODUCTION
CREDIT: 1 UNIT
13000700

Develop and investigate the scientific and technological dimensions of scientific animal agriculture, genetics and reproduction, anatomy and physiology of various livestock species, nutritional requirements, and disease and parasites of livestock. This class is recommended for those students with an interest in Veterinary Science. This course counts as a 4th science credit.

8231 MATHEMATICAL APPLICATIONS IN AGRICULTURE, FOOD AND NATURAL RESOURCES

GRADE PLACEMENT: 12
PREREQUISITE: PRINCIPLES OF AGRICULTURE, FOOD AND NATURAL RESOURCES
CREDIT: 1 UNIT
13001000

Students demonstrate mathematics skill to solve problems related to agriculture, food, and natural resources industry. Solve problems related to career opportunities, environmental service system, food products and processing, natural resources, power and structural skills. Can be used as 4th year Math.

RLT campus only

CAREER AND TECHNICAL EDUCATION

8220 VETERINARY MEDICAL APPLICATIONS (VET MED ASST. I)

GRADE PLACEMENT: 11-12

PREREQUISITE: PRINCIPLES OF AGRICULTURE, FOOD AND NATURAL RESOURCES, BIOLOGY OR CHEMISTRY, AND EITHER EQUINE SCIENCE, SMALL ANIMAL MANAGEMENT OR LIVESTOCK PRODUCTION

CREDIT: 1 UNIT

13000600

Develop and expand the knowledge, techniques and skills pertaining to Veterinary Technical Assistant area. This course is designed as a laboratory-orient course that allows students hands-on experience within the area of diagnostic testing, client records, employer/employee relationship, and techniques used in surgical practices. Students are required to complete an internship with a licensed Veterinarian in order to take the state Certification test for Veterinary Assistant Level I.

RLT campus only.

8221 PRACTICUM IN AGRICULTURE, FOOD & NATURAL RESOURCES (VET MED ASST. II)

GRADE PLACEMENT: 12

PREREQUISITE: VETERINARY MEDICAL APPLICATIONS AND PRINCIPLES OF AGRICULTURE, FOOD AND NATURAL RESOURCES

CREDIT: 2 UNIT

13002500

Provides students with a non-paid internship arrangement between the high school and agriculture industry. It provides juniors and seniors with a professional internship experience. Students recognize the value of effective work ethics and attitudes and develop communications and problem solving skills. This course is for those individuals that have completed Veterinary Medical Application and their state Veterinary Assistant Level I Certification. Students enrolled in this course are eligible to take the State Certification for Veterinary Assistant Level II.

RLT campus only.

ARCHITECTURE AND CONSTRUCTION

8291 PRINCIPLES OF ARCHITECTURE AND CONSTRUCTION

GRADE PLACEMENT: 9-12

PREREQUISITE: NONE

CREDIT: 1/2 UNIT

13004200

Introduces students to the basic knowledge and skills related to the career opportunities and training in the architecture and construction fields.

8200 INTERIOR DESIGN

GRADE PLACEMENT: 10-12

PREREQUISITE: NONE

CREDIT: 1 UNIT

13004300

Addresses the needs of individuals by enhancing the environment in which they live and work. Students will use knowledge and skills related to interior and exterior environments, construction, and furnishings to make wise consumer decisions, increase productivity, and prepare for careers in the interior design field.

CAREER AND TECHNICAL EDUCATION

8241 ARCHITECTURAL DESIGN

GRADE PLACEMENT: 10-12
PREREQUISITE: REQUIRED: ENGINEERING DESIGN; RECOMMENDED: ALGEBRA I, GEOMETRY
CREDIT: 1 UNIT
13004600

In Architectural Design, students gain knowledge and skills specific to those needed to enter a career in architecture or prepare a foundation toward a postsecondary degree in architecture, construction science, drafting, interior design and landscape architecture. Architectural Design includes the design, design history, techniques, and tools related to the production of drawings, renderings and scale models for residential architectural purposes.

8242 ADVANCED ARCHITECTURAL DESIGN

GRADE PLACEMENT: 11-12
PREREQUISITE: ENGINEERING DESIGN AND PRESENTATION AND ARCHITECTURAL DESIGN
CREDIT: 2 UNITS
13004700

In Advanced Architectural Design, students gain advanced knowledge and skills specific to those needed to enter a career in architecture and construction or prepare a foundation toward a postsecondary degree in architecture, construction science, drafting, interior design, and landscape architecture. Advanced Architectural Design includes the advanced knowledge of the design, design history, techniques, and tools related to the production of drawings, renderings, and scaled models for commercial or residential architectural purposes.

8292 CONSTRUCTION TECHNOLOGY (BUILDING TRADES I)

GRADE PLACEMENT: 10-12
PREREQUISITE: NONE
CREDIT: 2 UNITS
13005100

Students will gain knowledge and skills related to various careers in the construction trade. Student acquire knowledge in areas such as; safety, measuring, laying-out, hand tools/power tools, and assembling. Students will participate in hands-on lab activities, such as; blueprint reading, framing, roofing, etc.

N. Smith only

8293 ADVANCED CONSTRUCTION TECHNOLOGY (BUILDING TRADES II)

GRADE PLACEMENT: 11-12
PREREQUISITE: CONSTRUCTION TECHNOLOGY
CREDIT: 2 UNITS
13005200

Students will gain advanced knowledge and skills related to various careers in construction trades. Advanced students will be expected to demonstrate good safety practices, craftsmanship, and leadership abilities to the first year students. Advanced students will be expected to participate at a high level in hands-on lab activities related to the construction trades.

N. Smith only

CAREER AND TECHNICAL EDUCATION

ARTS, A/V TECHNOLOGY AND COMMUNICATION

8245 GRAPHIC DESIGN AND ILLUSTRATION

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1 UNIT
13008800

Careers in graphic design and illustration span all aspects of the advertising and visual communication industries. Within this context, in addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design.

8345 ADVANCED GRAPHIC DESIGN AND ILLUSTRATION

GRADE PLACEMENT: 10-12
PREREQUISITE: GRAPHIC DESIGN AND ILLUSTRATION
CREDIT: 2 UNIT
13008900

Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology and Communications career cluster, students will be expected to develop an advanced understanding of the industry with a focus on mastery of content knowledge and skills.

8811 PROFESSIONAL COMMUNICATIONS

GRADE PLACEMENT: 11-12
PREREQUISITE: NONE
CREDIT: 1/2 UNIT
13009900

Blends written, oral, and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Within this context, students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research.

This course may be used to satisfy Speech credit.

8244 ANIMATION

GRADE PLACEMENT: 10-12
PREREQUISITE: ART I OR GRAPHIC DESIGN ILLUSTRATION RECOMMENDED
CREDIT: 1 UNIT
13008300

Careers in animation span all aspects of motion graphics. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an understanding of the history and techniques of the animation industry.

CAREER AND TECHNICAL EDUCATION

8201 FASHION DESIGN

GRADE PLACEMENT: 10-12
PREREQUISITE: NONE
CREDIT: 1 UNIT
13009300

This laboratory course focuses on careers in the fashion and textile/apparel industries. Students will be exposed to the apparel production process from design concept to finished product. Course content includes apparel construction, care, and maintenance.

8243 ADVANCED ANIMATION

GRADE PLACEMENT: 11-12
PREREQUISITE: ANIMATION
CREDIT: 2 UNITS
13008400

Careers in animation span all aspects of motion graphics. Within this context, in addition to developing Advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to create two and three dimensional animations. The instruction also assists students seeking careers in the animation industry.

8806 PRINCIPLES OF ARTS, VIDEO TECHNOLOGY, AND COMMUNICATION

GRADE PLACEMENT: 9-11
PREREQUISITE:
CREDIT: 1 UNIT
13008200

Introduces students to careers in the Arts, Audio/Video Technology, and Communications career cluster. Students should have a creative aptitude, background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.

RLT – AMAT campus only

8807 AUDIO VIDEO PRODUCTION

GRADE PLACEMENT: 10-12
PREREQUISITE: PRINCIPLES OF ARTS, AUDIO/VIDEO TECHNOLOGY, AND COMMUNICATIONS
CREDIT: 1 UNIT
13008500

Develop technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster. Students will be expected to develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video activities.

RLT campus only

CAREER AND TECHNICAL EDUCATION

8809 PRACTICUM IN GRAPHIC DESIGN AND ILLUSTRATION

GRADE PLACEMENT: 12
PREREQUISITE: GRAPHIC DESIGN AND ILLUSTRATION OR ANIMATION
CREDIT: 2 UNIT
13009000

Develop technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster. Students will be expected to develop a technical understanding of the industry with a focus on skill proficiency. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

RLT campus only

8808 PRACTICUM IN AUDIO/VIDEO PRODUCTION

GRADE PLACEMENT: 12
PREREQUISITE: AUDIO/VIDEO PRODUCTION OR DIGITAL INTERACTIVE MEDIA
CREDIT: 2 UNITS
13008700

Develop advanced skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster. Students will be expected to develop an increasing understanding of the industry with a focus on applying pre-production, production, and post-production audio and video activities in a studio environment. This course may be implemented in an advanced audio, video, or animation format. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

RLT campus only

BUSINESS, MANAGEMENT AND ADMINISTRATION

8261 TOUCH SYSTEM DATA ENTRY

GRADE PLACEMENT: 9-10
PREREQUISITE: NONE
CREDIT: 1/2 UNIT
13011300

Students apply technical skills to address business applications of emerging technologies. Students enhance reading, writing, computing, communication, and reasoning skills through use of proper keyboarding technique while developing speed and accuracy.

8263 BUSINESS LAW

GRADE PLACEMENT: 11-12
PREREQUISITE: NONE
CREDIT: 1/2 UNIT
13011700

Students analyze the evolution and development of laws that govern business in our society. Students apply technical skills to address business applications of contemporary legal issues and analyze the social responsibility of business and industry.

8267 PRINCIPLES OF BUSINESS, MARKETING & FINANCE

GRADE PLACEMENT: 9-11
PREREQUISITE: NONE
CREDIT: 1/2 UNIT
13011200

Students are introduced to knowledge and skills of economics and private enterprise systems, impact of global business, marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles.

CAREER AND TECHNICAL EDUCATION

8268 PRINCIPLES OF BUSINESS, MARKETING & FINANCE

GRADE PLACEMENT: 9-11
PREREQUISITE: NONE
CREDIT: 1 UNIT
13011200

Students are introduced to knowledge and skills of economics and private enterprise systems, impact of global business, marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles.

**RLT ILEAD*

8269 BUSINESS INFORMATION MANAGEMENT I

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1 UNIT
13011400

Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make successful transition to the workforce and post-secondary education. Students will apply technical skills through word-processing, spreadsheet, database, and electronic presentation software.

9341 FUNDAMENTALS OF BIM I

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT
03011400

Prepares students with knowledge to apply technology skills to strengthen individual performance in the workplace and society. Students will be introduced to emerging technologies and software including word processing, spreadsheet, database, desktop publishing, and presentation management. Adapted to meet the needs outlined in student's IEP.

9245 APPLIED BIM I

GRADE PLACEMENT: 9+
CREDIT: 1 UNIT
84700245

Prepares students with knowledge to apply basic technology skills to strengthen individual performance in the classroom, workplace, and society. Students will be introduced to basic word processing, spreadsheets, and data entry. Students will utilize educational technology to foster independence. Adapted to meet the needs outlined in the student's IEP. Satisfies technology credit for graduation.

9345 DEVELOPMENTAL BIM I

GRADE PLACEMENT: 9+
CREDIT: 1 UNIT
84700345

Students apply basic technology skills to strengthen individual performance in the classroom, and utilize educational technology to foster independence. Adapted to meet the needs outlined in the student's IEP. Satisfies technology credit for graduation.
RLT campus only.

8270 BUSINESS INFORMATION MANAGEMENT II

GRADE PLACEMENT: 11-12
PREREQUISITE: BUSINESS INFORMATION MANAGEMENT I
CREDIT: 1 UNIT
13011500

Students implement personal and interpersonal skills to strengthen individual performance in the workplace and post-secondary education. Students will apply complex technical skills through word-processing and spreadsheet, and developing electronic presentations using multimedia software.

CAREER AND TECHNICAL EDUCATION

9342 FUNDAMENTALS OF BIM II

GRADE PLACEMENT: 10-12
CREDIT: 1 UNIT
90009342

Prepares students with knowledge to apply technology skills to strengthen individual performance in the workplace and society. Students will continue to use emerging technologies and build upon knowledge of software including word processing, spreadsheet, database, desktop publishing, and presentation management. Adapted to meet the needs outlined in student's IEP.

8262 BUSINESS MANAGEMENT

GRADE PLACEMENT: 10-12
PREREQUISITE: NONE
CREDIT: 1 UNIT
13012100

Students develop a foundation in the economic, financial, technological, international, social and ethical aspects of business to become competent managers, employees, and entrepreneurs. Students incorporate a broad range of knowledge that includes legal, managerial, marketing, financial, ethical and international dimensions of business to make appropriate management decisions.

8266 GLOBAL BUSINESS

GRADE PLACEMENT: 10-12
PREREQUISITE: NONE
CREDIT: 1/2 UNIT
13011800

Students develop a foundation in financial, technical, international, social and ethical aspects of business. Students will study the global, competitive nature of business and develop reading, writing, communication and reasoning skills and apply them to the business environment. The skills obtained will assist them in making a successful transition to the workforce or post-secondary study.

8271 HUMAN RESOURCES MANAGEMENT

GRADE PLACEMENT: 11-12
PREREQUISITE: NONE
CREDIT: 1/2 UNIT
13011900

Students analyze the primary functions of human resources management, which include recruitment, selection, training, development, and compensation. Topics will incorporate social responsibility of business and industry. Students develop a foundation in the economic, financial, technological, international, social, and ethical aspects of human resources in order to become competent managers, employees, and entrepreneurs.

* *RLT ILEAD*

8272 VIRTUAL BUSINESS

GRADE PLACEMENT: 11-12
PREREQUISITE: BUSINESS INFORMATION MANAGEMENT I RECOMMENDED
CREDIT: 1/2 UNIT
13012000

Students will be able to identify steps needed to locate customers, set fees and develop client contracts. Students will be able to provide administrative, creative, and technical services using advanced technological modes of communication and data delivery. The student builds a functional website that incorporates the essentials of a virtual business.

CAREER AND TECHNICAL EDUCATION

8263 BUSINESS LAW

GRADE PLACEMENT: 11-12
PREREQUISITE: NONE
CREDIT: 1/2 UNIT
13011700

Students analyze the evolution and development of laws that govern business in our society. Students apply technical skills to address business applications of contemporary legal issues and analyze the social responsibility of business and industry.

8264 BUSINESS LAW (IBA)

GRADE PLACEMENT: 12
PREREQUISITE: NONE
CREDIT: 1/2 UNIT
13011700

Students analyze the evolution and development of laws that govern business in our society. Students apply technical skills to address business applications of contemporary legal issues and analyze the social responsibility of business and industry.

NS campus only. International Business Academy.

8265 BUSINESS ENGLISH

GRADE PLACEMENT: 12
PREREQUISITE: NONE
CREDIT: 1 UNIT
13011600

Students enhance reading, writing, computing, communications, and reasoning skills and apply them to the business environment. Students plan, draft, and complete written compositions on a regular basis and edit their papers for clarity, engaging language, and the correct use of conventions and mechanics of written English. May be used as a 4th year of English.

8275 PRACTICUM IN BUSINESS MANAGEMENT I

GRADE PLACEMENT: 11-12
PREREQUISITE: AT LEAST ONE LOWER LEVEL COURSE FROM BUSINESS, MANAGEMENT, AND ADMINISTRATION CLUSTER
CREDIT: 3 UNITS
13012200

Gives students supervised practical application of previously studied knowledge and skills. Practicum experiences occur in a paid community based work site application. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society, to make a successful transition to the workforce or post-secondary education.

8276 PRACTICUM IN BUSINESS MANAGEMENT II

GRADE PLACEMENT: 12
PREREQUISITE: PRACTICUM IN BUSINESS I MANAGEMENT I
CREDIT: 3 UNITS
13012210

Gives students supervised practical application of previously studied knowledge and skills. Practicum experiences occur in a paid community based work site application. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society to make a successful transition to the workforce or post-secondary education.

CAREER AND TECHNICAL EDUCATION

8273 PROBLEMS AND SOLUTIONS (TIP)

GRADE PLACEMENT: 11-12
PREREQUISITE: TECHNOLOGY CREDIT AND TEACHER APPROVAL
CREDIT: 1 UNIT
13012200

8274 PROBLEMS AND SOLUTIONS 2 (TIP)

GRADE PLACEMENT: 12
PREREQUISITE: PROBLEMS AND SOLUTIONS I
CREDIT: 1 UNIT
12701510

Designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences occur in an unpaid arrangement and a variety of locations appropriate to the nature and level of experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies. Students develop a foundation in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students incorporate a broad base of knowledge that includes the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decisions. Students must provide their own transportation.

**RLT Internship*

EDUCATION AND TRAINING

8202 INSTRUCTIONAL PRACTICES IN EDUCATION AND TRAINING

GRADE PLACEMENT: 11-12
PREREQUISITE: TEACHER/COUNSELOR APPROVAL; CHILD DEVELOPMENT RECOMMENDED
CREDIT: 2 UNITS
13014400

A field-based internship that provides students with background knowledge of child and adolescent development as well as principles of effective teaching practices. Students will work under the joint direction and supervision of a teacher who has expertise in the areas of child development and educational methodology and an exemplary educator who is working in an instruction role in an elementary/middle/high school setting. Students will learn to plan and direct individualized instruction and group activities, prepare instructional materials, develop materials for educational environments, assist with record keeping, and complete other responsibilities of teachers.

8815 PRINCIPLES OF EDUCATION AND TRAINING

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1/2 UNIT
13014200

Introduces learners to the various careers available within the education and training career cluster. Students use self-knowledge and educational and career information to analyze various careers within the education and training career cluster. Students will also gain an understanding of the basic knowledge and skills essential to careers within the education and training career cluster. Students will develop a graduation plan that leads to a specific career choice in the student's interest area.

RLT campus only

CAREER AND TECHNICAL EDUCATION

8816 HUMAN GROWTH AND DEVELOPMENT

GRADE PLACEMENT: 10-12
PREREQUISITE: PRINCIPLES OF EDUCATION AND TRAINING
CREDIT: 1 UNIT
13014300

Examine human development across the life span with emphasis upon research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones. The course covers material that is generally taught in a postsecondary, one-semester introductory course in developmental psychology or human development.

RLT campus only

8817 PRACTICUM IN EDUCATION AND TRAINING

GRADE PLACEMENT: 12
PREREQUISITE: INSTRUCTIONAL PRACTICES IN EDUCATION
CREDIT: 2 UNITS
13014500

Extends training for teacher aides at the elementary level by serving as a teacher's aide in various programs in C-FBISD including pre-kindergarten, deaf education, art, music, speech pathology, and other special programs. This is a continuation of Instructional Practices in Education.

RLT campus only

FINANCE

8280 BANKING AND FINANCIAL SERVICES

GRADE PLACEMENT: 10-12
PREREQUISITE: PRINCIPLES OF BUSINESS, MARKETING AND FINANCE
CREDIT: 1 UNIT
13016300

Students develop knowledge and skills in the economic, financial, technological, international, social, and ethical aspects of banking to become competent consumers, employees, and entrepreneurs. Students incorporate a broad base of knowledge that includes the operations, sales, and management of banking institutions to gain a complete understanding of how banks function within society.

8277 ACCOUNTING I

GRADE PLACEMENT: 10-12
PREREQUISITE: PRINCIPLES OF BUSINESS, MARKETING, AND FINANCE
CREDIT: 1 UNIT
13016600

Students investigate the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students reflect on this knowledge as they engage in the process of recording, classifying, summarizing, analyzing, and communicating accounting information. Students formulate and interpret financial information for use in management decision making.

CAREER AND TECHNICAL EDUCATION

8278 ACCOUNTING I (IBA)

GRADE PLACEMENT: 11
PREREQUISITE: PRINCIPLES OF BUSINESS, MARKETING AND FINANCE
CREDIT: 1 UNIT
13016600

Students investigate the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students reflect on this knowledge as they engage in the process of recording, classifying, summarizing, analyzing, and communicating accounting information. Students formulate and interpret financial information for use in management decision making.

NS campus only. International Business Academy

8279 ACCOUNTING II

GRADE PLACEMENT: 11-12
PREREQUISITE: ACCOUNTING I
CREDIT: 1 UNIT
13016700

Students continue the investigation of the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students reflect on this knowledge as they engage in various managerial and cost accounting activities. Students formulate and interpret financial information for use in management decision making.

8281 STATISTICS AND RISK MANAGEMENT

GRADE PLACEMENT: 11-12
PREREQUISITE: ACCOUNTING I AND ALGEBRA II
CREDIT: 1 UNIT
13016900

Students will use a variety of graphical and numerical techniques to analyze patterns and departures from patterns to identify and manage risk that could impact an organization. Students will use probability as a tool for anticipating and forecasting data within business models to make decisions. Students will determine the appropriateness of methods used to collect data to ensure conclusions are valid. Can count as 4th year of mathematics.

GOVERNMENT AND PUBLIC ADMINISTRATION

8152 PRINCIPLES OF GOVERNMENT AND PUBLIC ADMINISTRATION

GRADE PLACEMENT: 9-11
PREREQUISITE: NONE
CREDIT: 1/2 UNIT
13018200

Introduces students to the three branches of the U.S. government (legislative, executive, and judicial). Students will examine governmental documents such as the U.S. Constitution with special emphasis on the Bill of Rights. Students will also interpret and apply concepts of governance to assess public administration in society.

CAREER AND TECHNICAL EDUCATION

8155 PRINCIPLES OF GOVERNMENT AND PUBLIC ADMINISTRATION

GRADE PLACEMENT: 9-11
PREREQUISITE: NONE
CREDIT: 1 UNIT
13018200

Introduces students to the three branches of the U.S. government (legislative, executive, and judicial). Students will examine governmental documents such as the U.S. Constitution with special emphasis on the Bill of Rights. Students will also interpret and apply concepts of governance to assess public administration in society.

8148 POLITICAL SCIENCE I

GRADE PLACEMENT: 10-12
PREREQUISITE: PRINCIPLES OF GOVERNMENT AND PUBLIC ADMINISTRATION
CREDIT: 1 UNIT
13018300

Familiarize the student with political theory through the study of governments, public policies, and political processes, systems, and behavior.

RLT campus only

8149 POLITICAL SCIENCE II

GRADE PLACEMENT: 11-12
PREREQUISITE: PRINCIPLES OF GOVERNMENT AND PUBLIC ADMINISTRATION AND POLITICAL SCIENCE I
CREDIT: 1 UNIT
13018400

Uses a variety of methodological approaches to examine the process, systems, and political dynamics of the United States and other nations. The dynamic component of this course includes study of current United States and world events.

RLT campus only.

8154 PRACTICUM IN LOCAL, STATE, AND FEDERAL GOVERNMENT

GRADE PLACEMENT: 12
PREREQUISITE: AT LEAST ONE LOWER LEVEL COURSE FROM THE BUSINESS, MANAGEMENT, AND ADMINISTRATION CLUSTER
CREDIT: 2 UNIT
13019000

Learn advanced concepts of political science in the classroom setting. In addition, students will apply technical skills pertaining to government and public administration in a direct mentorship by individuals in professional settings such as government, public management and administration, national security, municipal planning, foreign service, revenue, taxation, and regulation. The practicum course is a paid or unpaid capstone experience for students.

RLT campus only

CAREER AND TECHNICAL EDUCATION

HEALTH SCIENCE

8232 PRINCIPLES OF HEALTH SCIENCE

GRADE PLACEMENT: 9
PREREQUISITE: NONE
CREDIT: 1 UNIT
13020200

Provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry.

RLT campus only. Bio Medical Academy

8233 HEALTH SCIENCE

GRADE PLACEMENT: 10
PREREQUISITE: PRINCIPLES OF HEALTH SCIENCE AND/OR TEACHER PERMISSION
CREDIT: 1 UNIT
13020400

Provides for the development of advanced knowledge and skills related to a wide variety of health careers. Students will have hands-on experiences for continued knowledge and skill development. The course may be taught by different methodologies such as clinical rotation and career preparation learning. This course may substitute for Health credit.

RLT campus only. Bio Medical Academy

6637 ANATOMY & PHYSIOLOGY

GRADE PLACEMENT: 11-12
PREREQUISITE: BIOLOGY I AND CHEMISTRY I AND/OR
TEACHER RECOMMENDATION. ALSO OPEN TO SENIORS NOT ENROLLED IN BIO MEDICAL ACADEMY
CREDIT: 1 UNIT
13020600

Extends understanding of the structure and function of the human body. Students will explore physiological systems and associated pathologies. Higher order thinking is stressed through assessment and synthesis of the anatomical knowledge combined with exposure to clinical analysis. Principles of physiology will be applies to human health and well-being. Can be used as 4th year Science course.

CAREER AND TECHNICAL EDUCATION

8238 WORLD HEALTH RESEARCH

GRADE PLACEMENT: 11-12
PREREQUISITE: BIOLOGY I AND CHEMISTRY I AND/OR TEACHER RECOMMENDATION
CREDIT: 1 UNIT
13020900

Examines major world health problems and emerging technologies as solutions to these medical concerns. The course is designed to improve students' understanding of the cultural, infrastructural, political, educational, and technological constraints and inspire ideas for appropriate technological solutions to global medical care issues.

RLT campus only. Bio Medical Academy

RLT campus only.

8235 PRACTICUM IN HEALTH SCIENCE (CNA)

GRADE PLACEMENT: 12
PREREQUISITE: BIOLOGY, CHEMISTRY AND AT LEAST ONE COURSE FROM THE HEALTH SCIENCE CLUSTER
CREDIT: 2 UNITS
13020500

This course is designed to give students practical application of previously studied knowledge and skills. Practicum experience will include skills lab and practical experience at a nursing home facility. Students will prepare for and take the certification exam at the end of the course. Students must have a social security number in order to participate in the clinical portion of the course and must be 17 prior to taking the certification exam.

RLT campus only. Bio Medical Academy

8236 PRACTICUM IN HEALTH SCIENCE (PHARMACY TECH)

GRADE PLACEMENT: 11-12
PREREQUISITE: CHEMISTRY, AND AT LEAST ONE OTHER COURSE FROM THE HEALTH SCIENCE CLUSTER
CREDIT: 2 UNITS
13020500

This course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences will occur at the facilities prearranged by the instructor. Students will prepare and take the Pharmacy Technician certification exam at the end of the course.

RLT campus only. Bio Medical Academy

8234 PRACTICUM IN HEALTH SCIENCE (EMT)

GRADE PLACEMENT: 12
PREREQUISITE: BIOLOGY I, CHEMISTRY AND AT LEAST ONE COURSE FROM THE HEALTH SCIENCE CLUSTER
CREDIT: 2 UNITS
13020500

This course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences will be arranged by the instructor. This course is available for college credit for students completing the requirements. Students will be prepared and will take the certification exam for EMT Basic at the end of the course.

RLT campus only. Bio Medical Academy

8237 PRACTICUM IN HEALTH SCIENCE (HOSPITAL ROTATIONS)

GRADE PLACEMENT: 11-12
PREREQUISITE: BIOLOGY I, CHEMISTRY, AT LEAST ONE COURSE FROM THE HEALTH SCIENCE CLUSTER AND TEACHER RECOMMENDATION
CREDIT: 2 UNITS
13020500

This course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences will be arranged by the instructor at a local hospital facility. Students will have the opportunity to explore various occupations within the hospital setting by shadowing health professionals. Students will be expected to follow the hospital guidelines for dress code and conduct. This course is meant to be a precursor to the certification courses offered (EMT, Pharm Tech and CNA).

RLT Bio Medical Only

****Please note that students are allowed to take only two Practicum in Health Science courses. ****

CAREER AND TECHNICAL EDUCATION

HOSPITALITY AND TOURISM

8813 PRINCIPLES OF HOSPITALITY AND TOURISM

GRADE PLACEMENT: 9-11
PREREQUISITE: NONE
CREDIT: 1 UNIT
13022200

The hospitality and tourism industry encompasses lodging; travel and tourism; recreation, amusements, attractions, and resorts; and restaurants and food beverage service. The hospitality and tourism industry maintains the largest national employment base in the private sector. Students use knowledge and skills that meet industry standards to function effectively in various positions within this multifaceted industry. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

8204 CULINARY ARTS

GRADE PLACEMENT: 11-12
PREREQUISITE: TEACHER/COUNSELOR APPROVAL
CREDIT: 2 UNITS
13022600

This laboratory-based course begins with the fundamentals and principles of the art of food preparation and includes management and production skills and techniques. Students can pursue a national sanitation certification and other appropriate industry certifications. The knowledge and skills required for careers in the restaurant, food, and beverage industry are practiced as food is prepared for campus based restaurant.

Newman Smith campus only.

8203 RESTAURANT MANAGEMENT

GRADE PLACEMENT: 10-12
PREREQUISITE: NONE
CREDIT: 1 UNIT
13022400

Emphasizes the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. Students will gain insight into the operation of a well-run restaurant.

Newman Smith campus only.

8205 PRACTICUM IN CULINARY ARTS

GRADE PLACEMENT: 12
PREREQUISITE: TEACHER/COUNSELOR APPROVAL; CULINARY ARTS
CREDIT: 2 UNITS
13022700

Designed to be a continuation of the Culinary Arts program. Students continue to refine their knowledge and skills required for careers in the restaurant, food, and beverage industry. Students can pursue a national sanitation certification and other appropriate industry certifications in this laboratory-based course. Laboratory activities involve food production for a campus based restaurant.

NS campus only

8239 FOOD SCIENCE

GRADE PLACEMENT: 12
PREREQUISITE: 3 YEARS OF SCIENCE AND TEACHER APPROVAL
CREDIT: 1 UNIT
13023000

Provides an introductory laboratory course in food science. Students will investigate the study of scientific principles and procedures stressing safety and manipulative laboratory skills. Included are laboratory activities which enhance creativity, provide individual research opportunities and field investigation.

CAREER AND TECHNICAL EDUCATION

HUMAN SERVICES

8215 PRINCIPLES OF HUMAN SERVICES

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1 UNIT
13024200

Enables students to investigate careers in the human services career cluster, including counseling and mental health, early childhood development, family and community, and personal care services. Each student is expected to complete the knowledge and skills essential for success in high-skill, high-wage, or high-demand human services careers in this laboratory course.

9254 APPLIED PRINCIPLES OF HUMAN SERVICES

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT
84900254

Enables students to investigate careers in the human services career cluster, including early childhood development, family and community, and personal care services. Students will learn to apply skills to foster their own independence. Adapted to meet the needs outlined in the student's IEP.

9255 APPLIED PRINCIPLES OF HUMAN SERVICES PLUS

GRADE PLACEMENT: 10-12+
CREDIT: 1 UNIT
84900255

Students will continue to investigate careers in the human services career cluster, including early childhood development, family and community, and personal care services. Students will continue applying skills to foster their own independence. Adapted to meet the needs outlined in the student's IEP.

8212 PARENTING EDUCATION FOR SCHOOL AGE PARENTS I

GRADE PLACEMENT: 9-12
PREREQUISITE: TEACHER/COUNSELOR APPROVAL
CREDIT: 1 UNIT
N1302536

Addresses the special needs and interests of male and female students who are parents or who are pregnant and will become parents in the near future. Special emphasis is placed on prenatal care and development, postnatal care, child development, infant care, and parenting skills.

8814 CHILD GUIDANCE

GRADE PLACEMENT: 10-12
PREREQUISITE: PRINCIPLES OF HUMAN SERVICES
CREDIT: 1 UNIT
13024800

Addresses the knowledge and skills related to child growth and guidance equipping students to develop positive relationships with children and effective caregiver skills. Students use these skills to promote the well-being and healthy development of children, strengthen a culturally diverse society, and pursue careers related to the care, guidance, and education of children. Students in the 12th grade may begin compiling documentation for the Child Development Associate certification.

RLT campus only

CAREER AND TECHNICAL EDUCATION

8816 HUMAN GROWTH AND DEVELOPMENT

GRADE PLACEMENT: 10-12
PREREQUISITE: PRINCIPLES OF EDUCATION AND TRAINING
CREDIT: 1 UNIT
13014300

Examine human development across the life span with emphasis upon research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones. The course covers material that is generally taught in a postsecondary, one-semester introductory course in developmental psychology or human development.

RLT campus only

8213 PARENTING EDUCATION FOR SCHOOL AGE PARENTS II

GRADE PLACEMENT: 9-12
PREREQUISITE: TEACHER/COUNSELOR APPROVAL
CREDIT: 1 UNIT
N1302537

Addresses the special needs and interests of male and female students who are parents or who are pregnant and will become parents in the near future. Special emphasis is placed on prenatal care and development, postnatal care, child development, infant care, and parenting skills.

8206 CHILD DEVELOPMENT

GRADE PLACEMENT: 10-12
PREREQUISITE: NONE
CREDIT: 1 UNIT
13024700

Addresses the knowledge and skills related to child growth and development from prenatal through school-age children. Students will become equipped with child development knowledge that can be used to promote the well-being and healthy development of children and to investigate careers related to the care and education of children.

8207 LIFETIME NUTRITION AND WELLNESS

GRADE PLACEMENT: 10-12
PREREQUISITE: NONE
CREDIT: 1/2 UNIT
13024500

Allows students to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness as well as pursue careers related to hospitality, human services, and health sciences. Laboratory experiences will focus on the integration of nutrition and wellness knowledge with basic food preparation and management skills.

9265 APPLIED NUTRITION AND FOOD SCIENCE

GRADE PLACEMENT: 10-12+
CREDIT: 1/2 UNIT
84900265

Allows students to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness as well as pursue careers related to hospitality, human services, and health sciences. Practical activities will focus on the integration of nutrition and wellness knowledge with basic food preparation skills. Based on an alternate version of the TEKS. Adapted to meet the needs outlined in the student's IEP.

CAREER AND TECHNICAL EDUCATION

9266 APPLIED FOOD SCIENCE PLUS

GRADE PLACEMENT: 10-12
PREREQUISITE: DETERMINED BY ARD
CREDIT: 1/2 UNIT
84900266

Students will continue to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness as well as pursue careers related to hospitality, human services, and health sciences. Practical activities will focus on the integration of nutrition and wellness knowledge with basic food preparation skills. Based on an alternate version of the TEKS. Adapted to meet the needs outlined in the student's IEP.

8208 INTERPERSONAL STUDIES

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1/2 UNIT
13024400

Examines how the relationships between individuals and among family members significantly affect the quality of life. Students use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles, and pursue careers related to counseling and mental health services.

8209 DOLLARS AND SENSE

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1/2 UNIT
13024300

Focuses on consumer practices and responsibilities, the money management process, decision-making skills, the impact of technology on financial management, and preparation for human services careers.

9415 FUNDAMENTALS OF DOLLARS AND SENSE

GRADE PLACEMENT: 12
CREDIT: 1 UNIT
84900415

Develops job-related math skills for everyday living. Continues to include bookkeeping, record keeping, budgeting, taxes, installment buying, expenses related to income, and basic arithmetic as required for job and banking procedures. Adapted to meet the needs outlined in student's IEP.

8214 FAMILY AND COMMUNITY SERVICES

GRADE PLACEMENT: 11-12
PREREQUISITE: TEACHER/COUNSELOR APPROVAL
CREDIT: 1 UNIT
13024900

Designed to involve students in realistic and meaningful community-based activities through direct service experiences. Students are provided opportunities to interact and provide services to individuals, families, and the community through community or volunteer services. Students will be under the supervision of a community, service based mentor and a classroom instructor. Emphasis is placed on developing and enhancing organizational and leadership skills.

CAREER AND TECHNICAL EDUCATION

8296 INTRODUCTION TO COSMETOLOGY

GRADE PLACEMENT: 9-10
PREREQUISITE: NONE
CREDIT: 1 UNIT
13025100

Provides students with introductory theory needed to achieve their Texas Cosmetology License. Beginning in the 2013-14 school year this course will be the entry level course for students entering the Cosmetology program. This curriculum has been designed in compliance with the rules of the Texas Department of Licensing and Regulation and Public Secondary Programs for High School Students. Students are required to purchase a cosmetology text book, study guide and a student permit from TDLR. (approximate cost \$70) The students must clock a minimum of 150 hours during this year to progress to Cosmetology I. (2013-14 will be the last year for students to enter the program during their junior year)

RLT Campus only

8294 COSMETOLOGY I

GRADE PLACEMENT: 10-11
PREREQUISITE: INTRODUCTION TO COSMETOLOGY
CREDIT: 3 UNITS
13025200

Provides students with hands on education through a sequential set of learning steps that address specific tasks necessary for state board preparation, graduation and entry level job skills. Each student is required to purchase a Cosmetology kit, Uniform, and Student Permit by the first week of school.(approximate cost \$500) The tools in the kit will be used during the remaining two years students are in the program. Students must clock a minimum of 600 hours to advance to Cosmetology II. Students will be subjected to weekly grade checks throughout the school year. Make up hours can be completed from 7:20am-8:20am before school. Students will be required to transfer to RLT to take this class.

RLT campus only.

8295 COSMETOLOGY II

GRADE PLACEMENT: 12
PREREQUISITE: COSMETOLOGY I
CREDIT: 3 UNITS
13025300

Provides students with a better understanding of the knowledge, skills, and training needed to succeed in the cosmetology profession. Each student will receive instruction that relates to the performance of useful, creative and productive career-oriented activities that will prepare them to service outside clientele. This course requires students to pass their core courses to obtain 500 academic hours (English, science, math, etc.) and clock 1,000 hours in the cosmetology classroom in order to take their Cosmetology exam from the Texas Department of Licensing and Regulations. Taking the written state board test is mandatory and will be part of the final grade for the last semester prior to graduation. Make up hours can be completed from 7:20am-8:20am before school. Student's grades will be monitored by weekly grade checks throughout the school year. Students are required to purchase a test prep application and a new mannequin for state board. (Approximate cost \$50). Students are required to transfer to RLT to take this course.

RLT campus only.

8210 PRACTICUM IN HUMAN SERVICES I

GRADE PLACEMENT: 11-12
PREREQUISITE: TEACHER/COUNSELOR APPROVAL
CREDIT: 3 UNITS
13025000

Provides occupationally specific training and focuses on the development of careers in the areas of consumer services, early childhood development and services, counseling, nutrition and wellness, hospitality and food services, fashion and interior design, and family and community services. Content is designed to meet the occupational preparation needs and interests of students by placing them in a paid employment setting.

CAREER AND TECHNICAL EDUCATION

8211 PRACTICUM IN HUMAN SERVICES II

GRADE PLACEMENT: 12
PREREQUISITE: TEACHER/COUNSELOR APPROVAL; PRACTICUM IN HUMAN SERVICES I
CREDIT: 3 UNITS
13025010

Provides occupationally specific training and focuses on the development of careers in the areas of consumer services, early childhood development and services, counseling, nutrition and wellness, hospitality and food services, fashion and interior design, and family and community services. Content is designed to meet the occupational preparation needs and interests of students by placing them in a paid employment setting.

INFORMATION TECHNOLOGY

8282 DIGITAL AND INTERACTIVE MEDIA

GRADE PLACEMENT: 10-12
PREREQUISITE: NONE
CREDIT: 1 UNIT
13027800

Studies digital and interactive media and its application in information technology, students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students enhance reading, writing, computing, communication, and critical thinking and apply them to the information technology environment.

8216 WEB TECHNOLOGIES

GRADE PLACEMENT: 10-12
PREREQUISITE: TEACHER APPROVAL
CREDIT: 1 UNIT
13027900

Studies web technologies and design, students learn to make informed decisions and apply the decisions to the field of information technology. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students enhance reading, writing, computing, communication, and critical thinking and apply them to the information technology environment.

8170 PRINCIPLES OF INFORMATION TECHNOLOGY

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1 UNIT
13027200

Develop computer literacy skills to adapt to emerging technologies used in the global marketplace. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the information technology environment.

RLT and Ranchview Campuses only

8171 COMPUTER PROGRAMMING

GRADE PLACEMENT: 10-12
PREREQUISITE: NONE
CREDIT: 1 UNIT
13027600

Acquire knowledge of structured programming techniques and concepts appropriate to developing executable programs and creating appropriate documentation. Students analyze the social responsibility of business and industry regarding the significant issues relating to the environment, ethics, health safety, and diversity in society and in the workplace as it relates to computer programming. Students apply technical skills to address business applications of emerging technologies.

**Can count as foreign language*

CAREER AND TECHNICAL EDUCATION

8172 ADVANCED COMPUTER PROGRAMMING

GRADE PLACEMENT: 11-12
PREREQUISITE: COMPUTER PROGRAMMING
CREDIT: 1 UNIT
13027700

Expand knowledge and skills in structured programming techniques and concepts by addressing more complex problems and developing comprehensive programming solutions. Students analyze the social responsibility of business and industry regarding the significant issues relating to environment, ethics, health, safety, and diversity in society and in the workplace as it relates to computer.

**Can count as foreign language*

8173 RESEARCH IN INFORMATION TECHNOLOGY SOLUTIONS

GRADE PLACEMENT: 12
PREREQUISITE: ANY OTHER COURSE IN THE INFORMATION TECHNOLOGY CLUSTER
CREDIT: 2 UNITS
13028010

Prepares students for success in a technology-driven society with knowledge and skills in the proper use of analytical skills and application of information technology concepts and standards. Critical thinking, information technology experience, and product development may be conducted in a classroom setting with an industry mentor, as an unpaid internship, or as career preparation.

8402 GAME PROGRAMMING AND DESIGN

GRADE PLACEMENT: 10-12
PREREQUISITE: NONE
CREDIT: 1 UNIT
03580380

Game Programming and Design will foster student creativity and innovation by presenting students with opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve gaming problems. Through data analysis, students will include the identification of task requirements, plan search strategies, and use programming concepts to access, analyze, and evaluate information needed to design games. By acquiring programming knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will create a computer game that is presented to an evaluation panel.

8403 MOBILE APPLICATION DEVELOPMENT

GRADE PLACEMENT: 10-12
PREREQUISITE: NONE
CREDIT: 1 UNIT
03580390

Mobile Application Development will foster students' creativity and innovation by presenting opportunities to design, implement, and deliver meaningful projects using mobile computing devices. Students will collaborate with one another, their instructor, and various electronic communities to solve problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use software development concepts to access, analyze, and evaluate information needed to program mobile devices. By using software design knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of mobile application development through the study of development platforms, programming languages, and software design standards.

CAREER AND TECHNICAL EDUCATION

8404 WEB GAME DEVELOPMENT

GRADE PLACEMENT: 11-12
PREREQUISITE: WEB TECHNOLOGIES
CREDIT: 1 UNIT
03580830

Through the study of web game development, students learn to make higher level informed decisions and apply the decisions to the field of information technology and gaming. Students implement personal and interpersonal skills to prepare for a rapidly evolving technology environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students enhance reading, writing, computing, communication, and critical thinking and apply them to the information technology environment.

LAW, PUBLIC SAFETY, CORRECTIONS AND SECURITY

7378 FOUNDATIONS OF THE AMERICAN LEGAL SYSTEM

GRADE PLACEMENT: 9
PREREQUISITE: NONE
CREDIT: 1/2 UNIT
03380002

Introduces students to basic law concepts and our legal system, the process by which laws are made and the role the citizen has in this process. Explores possible career opportunities in all aspects of the legal field.

CHS Law and Criminal Justice Academy only.

8298 LAW ENFORCEMENT I

GRADE PLACEMENT: 10
PREREQUISITE: PRINCIPLES OF LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY
CREDIT: 1 UNIT
13029300

Includes the role of constitution law, the United States legal system, criminal law, law enforcement terminology, and the classification and elements of crime. Law Enforcement I is an overview of the history, organization, and functions of local, state, and federal law enforcement.

CHS Law and Criminal Justice Academy only.

8151 COURT SYSTEMS AND PRACTICES

GRADE PLACEMENT: 10-12
PREREQUISITE: LAW ENFORCEMENT I
CREDIT: 1 UNIT
13029600

Identifies the roles of judicial officers and the trial processes from pretrial to sentencing and examines the types and rules of evidence. Emphasis is placed on constitutional laws for criminal procedures such as search and seizure, stop and frisk, and interrogation. Court Systems and Practices is an overview of the federal and state court systems.

CHS Law and Criminal Justice Academy only.

9703 MOCK TRIAL

GRADE PLACEMENT: 10-12
PREREQUISITE: NONE
CREDIT: 1 UNIT
03241200

Involves students in the preparation for and the participation in mock trial competition.

CHS Law and Criminal Justice Academy

CAREER AND TECHNICAL EDUCATION

2667 PUBLIC SPEAKING (STUDENT CONGRESS)

GRADE PLACEMENT: 10-12
PREREQUISITE: DEBATE I; TEACHER APPROVAL
CREDIT: 1 UNIT
03240900

Provides opportunities to prepare for full participation in the democratic process. Students will gain an understanding of public dialogue. Students will learn the concepts and skills related to preparing and presenting public messages and to analyzing and evaluating the messages of others. Within this process, students will gain skills in reading, writing, speaking, listening, and thinking; and will examine areas such as invention, organization, style, memory and delivery. Competition is required.

CHS Law and Criminal Justice Academy

8150 FORENSIC PSYCHOLOGY

GRADE PLACEMENT: 10-12
PREREQUISITE: BIOLOGY, CHEMISTRY AND/OR TEACHER RECOMMENDATION
CREDIT: 1 UNIT
N1303012

Forensic psychology is the intersection between psychology and the criminal justice system. It involves understanding criminal law in the relevant jurisdictions in order to be able to interact appropriately with judges, attorneys and other legal professionals. An important aspect of forensic psychology is the ability to testify in court, reformulating psychological findings into the legal language of the courtroom, proving information to legal personnel in a way that can be understood.

CHS Law and Criminal Justice Academy only.

7383 FORENSIC SCIENCE

GRADE PLACEMENT: 11-12
PREREQUISITE: BIOLOGY AND CHEMISTRY WITH A RECOMMENDATION OF PRINCIPLES OF LAW, PUBLIC SAFETY, CORRECTIONS AND SECURITY AND/OR LAW ENFORCEMENT I
CREDIT: 1 UNIT
13029500

Allows students to participate in the collection and preservation of crime scene evidence, crime laboratory techniques and the human anatomy and physiology necessary for the analysis of evidence.

7380 LEGAL ISSUES SEMINAR

GRADE PLACEMENT: 11-12
PREREQUISITE: 7378
CREDIT: 1/2 UNIT
03380022

Explores contemporary topics of law, public and social policy. Some of the topics will include attorney-client relationships, ethical litigation, judicial ethics and issues raised by scientific developments as they relate to the legal world.

CHS Law and Criminal Justice Academy only.

8263 BUSINESS LAW

GRADE PLACEMENT: 11-12
PREREQUISITE: NONE
CREDIT: 1/2 UNIT
13011700

Students analyze the evolution and development of laws that govern business in our society. Students apply technical skills to address business applications of contemporary legal issues and analyze the social responsibility of business and industry.

8153 PRINCIPLES OF LAW, PUBLIC SAFETY, CORRECTIONS AND SECURITY

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1/2 UNIT
13029200 (PRINLPCS)

Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services. The course provides students with an overview of the skills necessary for careers in law enforcement, fire service, security, and corrections.

CHS Law and Criminal Justice Academy only

CAREER AND TECHNICAL EDUCATION

8299 CORRECTIONAL SERVICES

GRADE PLACEMENT: 11-12
PREREQUISITE: PRINCIPLES OF LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY
CREDIT: 1 UNIT
13029700

In Correctional Services, students prepare for certification required for employment as a correctional officer. The student will learn the role and responsibilities of a correctional officer; discuss relevant rules, regulations, and laws; and discuss defensive tactics, restraint techniques, and first aid procedures as used in the correctional setting. The student will analyze rehabilitation and alternatives to institutionalization.

CHS Law and Criminal Justice Academy only

MANUFACTURING

8247 PRINCIPLES OF MANUFACTURING (AMATROL)

GRADE PLACEMENT: 9-12
PREREQUISITE: CONCEPTS OF ENGINEERING AND TECHNOLOGY (TECH SYSTEMS) OR TEACHER RECOMMENDATION
CREDIT: 1/2 UNIT
13032200

Provides exploration which addresses the knowledge and skills important in manufacturing technology and related careers in manufacturing. Students study common manufacturing tools, machines, materials and processes in the laboratory. Projects allow students to explore robotics, quality control, electronics, hydraulics and pneumatics.

8248 PRACTICUM IN MANUFACTURING I

GRADE PLACEMENT: 11-12
PREREQUISITE: PRINCIPLES OF MANUFACTURING OR TEACHER RECOMMENDATION
CREDIT: 3 UNITS
13033000

Combines occupationally related classroom instruction and on-the-job training experiences in an unpaid or paid manufacturing environment. In addition to general academic and technical knowledge and skills, students gain an understanding of career opportunities available in manufacturing and what employers require to gain and maintain employment in these careers.

8249 PRACTICUM IN MANUFACTURING II

GRADE PLACEMENT: 12
PREREQUISITE: PRACTICUM IN MANUFACTURING I
CREDIT: 3 UNITS
13033010

Combines occupationally related classroom instruction and on-the-job training experiences in an unpaid or paid manufacturing environment. In addition to general academic and technical knowledge and skills, students gain an understanding of career opportunities available in manufacturing and what employers require to gain and maintain employment in these careers.

8168 WELDING

GRADE PLACEMENT: 10-12
PREREQUISITE: NONE
CREDIT: 1 UNIT
13032300

Provides the knowledge, skills, technologies required for employment in metal technology systems.

RLT campus only

CAREER AND TECHNICAL EDUCATION

MARKETING

8286 RETAILING AND E-TAILING

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1/2 UNIT
13034500

Students will develop skills that involve electronic media techniques necessary for a business to compete in a global economy. Students will coordinate online and off-line marketing. Students will demonstrate critical-thinking skills used in decision-making models, case studies, various technologies, and business scenarios.

8288 FASHION MARKETING

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1/2 UNIT
13034300

Designed to provide students with knowledge of various business functions in the fashion industry. Students in Fashion Marketing will gain a working knowledge of promotion, textiles, merchandising, mathematics, selling, visual merchandising, and career opportunities.

8285 ADVERTISING AND SALES PROMOTION

GRADE PLACEMENT: 10-12
PREREQUISITE: NONE
CREDIT: 1/2 UNIT
13034200

Advertising and Sales Promotion are key elements to any business that markets a product or service. Students will discover the goals and objectives of various types of advertising and promotion identify and analyze advertisements and promotional campaigns, select media and develop advertisements. Students will learn about the different types of advertising media, measure the effectiveness of that media and determine the costs involved. Students will learn about the promotional mix and well as the importance of public relations.

NS campus only.

8283 ENTREPRENEURSHIP

GRADE PLACEMENT: 10-12
PREREQUISITE: NONE
CREDIT: 1/2 UNIT
13034400

Focuses on the options for business ownership, steps for starting a business, sources of information and technical assistance, types of business plans, qualities of an entrepreneur, the importance of entrepreneurs, and the advantages and disadvantages of owning one's own business.

8284 ENTREPRENEURSHIP (IBA)

GRADE PLACEMENT: 10
PREREQUISITE: NONE
CREDIT: 1/2 UNIT
13034400

Focuses on the options for business ownership, steps for starting a business, sources of information and technical assistance, types of business plans, qualities of an entrepreneur, the importance of entrepreneurs, and the advantages and disadvantages of owning one's own business.

NS campus only. International Business Academy

CAREER AND TECHNICAL EDUCATION

8287 SPORTS AND ENTERTAINMENT MARKETING

GRADE PLACEMENT: 10-12
PREREQUISITE: NONE
CREDIT: 1/2 UNIT
13034600

Explores the sports and entertainment industry. This is a growing industry and employs athletes, musicians, stage crews, advertising agents, promotion agents, event planners, and numerous other related professions. The purpose of this course is to provide students with the fundamental principles and concepts identified with these industries and to develop critical-thinking and decision making skills through the application of marketing principles. This course will feature quest speakers, design of logos for sports teams and entertainment groups (musicians, stars, athletes, etc. and design of stadiums, organization of sports camps, and field trips to appropriate entertainment facilities.

8289 MARKETING DYNAMICS (MARKETING CAREER PREP I)

GRADE PLACEMENT: 11-12
PREREQUISITE: AT LEAST ONE OTHER COURSE IN THE MARKETING CLUSTER
CREDIT: 3 UNITS
13034700

Students will gain knowledge and skills that help them to be proficient in one or more of the marketing functions. Students will integrate skills from academic subjects, information technology, interpersonal communication, and management training to make responsible decisions.

8290 PRACTICUM IN MARKETING DYNAMICS I (MARKETING CAREER PREP II)

GRADE PLACEMENT: 12
PREREQUISITE: MARKETING DYNAMICS
CREDIT: 3 UNITS
13034800

An occupationally specific course designed to focus on the study of marketing concepts and principles and their practical applications. Students will gain a real world working knowledge of the marketing concepts through application. This class is partial classroom instruction and partial community work site application. Students secure a job for the entire school year, which is evaluated by the classroom instructor and their work supervisor. Students are required to work a minimum of 15 hours per week, with 10 of the hours worked Monday-Friday and the job must be in marketing, sales, or retail. Problem solving skills, higher-level thinking, and work application techniques are enhanced through this class format. Enrichment activities include special projects, guest speakers, and field trips. Students get paid for their job and receive classroom credit.

CAREER AND TECHNICAL EDUCATION

SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS

8258 (PLTW) BIOTECHNICAL ENGINEERING (METS A)

GRADE PLACEMENT: 11-12
PREREQUISITE: PRINCIPLES OF ENGINEERING
CREDIT: 1 UNIT
N1303746

Uses relevant projects from the diverse fields of bio-technology, bio-engineering, bio-medical engineering, and bio-molecular engineering to enable students to apply and concurrently develop secondary level knowledge and skills in biology, physics, technology, and mathematics.

**RLT ONLY*

8257 (PLTW) CIVIL ENGINEERING AND ARCHITECTURE (METS A)

GRADE PLACEMENT: 11-12
PREREQUISITE: PRINCIPLES OF ENGINEERING
CREDIT: 1 UNIT
N1303747

Provides an overview of the fields of Civil Engineering and Architecture, while emphasizing the interrelationship and dependence of both fields on each other. Teams of students collaborate on the development of community-based building project and conceptual design for project presentations.

**RLT ONLY*

8260 (PLTW) COMPUTER INTEGRATED MANUFACTURING (METS A)

GRADE PLACEMENT: 11-12
PREREQUISITE: PRINCIPLES OF ENGINEERING
CREDIT: 1 UNIT
N1303748

Applies principles of robotics and automation – students build on computer solid modeling skills learned in Introduction to Engineering Design and use CNC equipment to produce actual models of their three-dimensional designs. They use automation, control systems, sensing devices, computer programming and robotics to efficiently mass produce a product. Trouble-shooting is emphasized throughout the course.

**RLT ONLY*

8259 DIGITAL ELECTRONICS

GRADE PLACEMENT: 11-12
PREREQUISITE: PRINCIPLES OF ENGINEERING
CREDIT: 1 UNIT
N1303744

Emphasizes the design process, engineering systems, materials use and testing, as well as the production process and quality control. Students use computer simulation to learn about the logic of electronics as they design, test and construct real circuits and devices to control systems

**RLT ONLY*

8255 (PLTW) INTRODUCTION TO ENGINEERING DESIGN (METS A)

GRADE PLACEMENT: 9-12
PREREQUISITE: TEACHER RECOMMENDATION
CREDIT: 1 UNIT
N1303742

Uses a problem-solving model to improve existing products and invent new ones. Students learn how to apply this model to solve problems in and out of the classroom. Using sophisticated three-dimensional modeling software, students communicate the details of the products. Emphasis is placed on analyzing potential solutions and communicating ideas to others.

**RLT ONLY*

CAREER AND TECHNICAL EDUCATION

8256 (PLTW) PRINCIPLES OF ENGINEERING (METS A)

GRADE PLACEMENT: 9-12
PREREQUISITE
CREDIT: 1 UNIT
13037500

Helps students understand the field of engineering/engineering technology. Exploring various technology systems and manufacturing processes helps students learn how engineers and technicians use math, science and technology in an engineering problem solving process to benefit people. The course also includes concerns about social and political consequences of technological change.

**RLT ONLY*

8253 SCIENTIFIC RESEARCH AND DESIGN (INDEPENDENT STUDY) (METS A) (IGNITE I)

GRADE PLACEMENT: 10-12
PREREQUISITE: COMPLETION OF TWO YEARS OF LABORATORY SCIENCE
CREDIT: 1 UNIT
13037200

Provides the accelerated student with the opportunity to conduct an independent research project in the science of their major interest. Instruction in methods of research, advanced instrumentation, and presentation of findings is provided. This course meets one of the Distinguished Achievement Program measures.

**RLT ONLY*

8254 SCIENTIFIC RESEARCH AND DESIGN (METS A) (IGNITE II)

GRADE PLACEMENT: 11-12
PREREQUISITE: PHYSICS, PREAP PHYSICS OR CONCURRENT ENROLLMENT IN PHYSICS
CREDIT: 1 UNIT
13037200

Students will design and develop remotely operated vehicles for research or work application. The curriculum is physics-based and includes technological application of the four main energy systems: mechanical, fluid, electrical and thermal. Through a project/problem-based format, the course is designed to increase critical thinking and analysis skills using unmanned aerial vehicles involving science and engineering knowledge. This course will promote engineering studies and research, develop work force skills, and encourage students to enter academic and career paths that lead to careers in the engineering industries.

**RLT ONLY*

8251 CONCEPTS OF ENGINEERING AND TECHNOLOGY

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1 UNIT
13036200

Concepts of Engineering and Technology provide an overview of the various fields of science, technology, engineering, and mathematics through the use of modular laboratory. Students will use a variety of computer hardware and software applications to complete assignments and projects. Students will have worked in design teams to develop a product or system. Students will use multiple software applications to prepare and present course assignments relative to communication, construction, energy, aerospace, and more.

8340 ENGINEERING MATH

GRADE PLACEMENT: 11-12
PREREQUISITE: ALGEBRA II
CREDIT: 1 UNIT
13036700

This is an analytical integrated Mathematics course where students solve and model robotic design problems. Students use a variety of mathematical methods and models to represent and analyze problems involving data acquisition, spatial applications, electrical measurement, manufacturing processes, materials engineering, mechanical drives, pneumatics, process control systems, quality control, and robotics with computer programming.

CAREER AND TECHNICAL EDUCATION

8240 ENGINEERING DESIGN AND PROBLEM SOLVING

GRADE PLACEMENT: 10-12
PREREQUISITE: GEOMETRY, ALGEBRA II, CHEMISTRY AND PHYSICS
CREDIT: 1 UNIT
13037300

This course reinforces and integrates skills learned in previous mathematics and science courses. This course emphasizes solving problems, moving from well-defined toward more open ended, with real-world application. Students apply critical thinking skills to justify a solution from multiple design options. Additionally, the course promotes interest in and understanding of career opportunities in engineering. This course will count as a science credit.

**RLT FAST TRACK I*

8250 ENGINEERING DESIGN AND PRESENTATION

GRADE PLACEMENT: 9-12
PREREQUISITE: ALGEBRA I IS PREFERRED BUT NOT REQUIRED
CREDIT: 1 UNIT
13036500

Students enrolled in this course will demonstrate knowledge and skill of the process of design as it applies to engineering fields using software applications and tools necessary to produce and present working drawings and prototypes. Students will use computer hardware and software applications to complete assignments and projects. Through implementation of the design process, students will transfer advanced academic skills to component designs. Additionally, students explore career opportunities in engineering, technology, and drafting and what is required to gain and maintain employment in these areas.

**RLT FAST TRACK II*

8252 ROBOTICS AND AUTOMATION

GRADE PLACEMENT: 11-12
PREREQUISITE: ENGINEERING DESIGN AND PRESENTATION OR TEACHER RECOMMENDATION
CREDIT: 1 UNIT
13037000

Students enrolled in this course will demonstrate knowledge and skills necessary for the robotic and automation industry. Through implementation of the design process, students will transfer advanced academic skills to component designs in a project-based environment. Students will build prototypes or use simulation software to test their design. Additionally, students explore career opportunities, employer expectations, and education needs in the robotic and automation industry.

TRANSPORTATION, DISTRIBUTION AND LOGISTICS

8159 ENERGY, POWER AND TRANSPORTATION SYSTEMS

GRADE PLACEMENT: 9-10
PREREQUISITE: NONE
CREDIT: 1/2 UNIT
13039300

Introduces students to the business and industries of the transportation careers. Student will learn to understand the interaction between various vehicle systems, and the logistics used to move goods and services. Students prepare to meet the expectations of employers in this industry.

CAREER AND TECHNICAL EDUCATION

8156 COLLISION REPAIR AND REFINISHING

GRADE PLACEMENT: 10-12
PREREQUISITE: NONE
CREDIT: 2 UNITS
13039800

Provides a two year program in the areas of: auto metal repair and reconditioning, auto rebuilding and auto refinishing. Students also will develop proper techniques for the applications of dent repair, parts replacement, & painting procedures.

RLT campus

8165 PRINCIPLES OF TRANSPORTATION, DISTRIBUTION, AND LOGISTICS

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1/2 UNIT
13039200

Provides knowledge and skills in the safe application, design, production, and assessment of products, services, and systems. This knowledge includes the history, laws and regulations, and common practices used in the logistics of warehousing and transportation systems. Students should apply knowledge and skills in the application, design, and production of technology as it relates to the transportation, distribution, and logistics industries. This course allows students to reinforce, apply, and transfer their academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings.

RLT Campus only

8157 ADVANCED COLLISION REPAIR AND REFINISHING

GRADE PLACEMENT: 11-12
PREREQUISITE: COLLISION REPAIR AND REFINISHING
CREDIT: 2 UNITS
13039900

Students will continue learning in the area of Collision Repair & Refinishing by applying prior knowledge. Students will learn the repair and refinishing process while being taught advanced skills such as welding, frame damage measuring, and estimate writing. Students will participate in hands-on activities throughout the course. In the spring semester of this course students will be afforded the opportunity to work in an industry in a related field. This real world work experience can take the form of either an internship or as career preparation training through the coordination of the Instructor.

RLT campus

8158 PRACTICUM IN TRANSPORTATION, DISTRIBUTION AND LOGISTICS (COLLISION)

GRADE PLACEMENT: 12
PREREQUISITE: ADVANCED AUTOMOTIVE TECHNOLOGY
CREDIT: 3 UNITS
13040400

Practicum is designed to give students supervised practical application of knowledge and skills. Practicum experience occurs in a work place environment appropriate to the nature and level of experience. Students are required to secure and maintain employment.

RLT and Creekview campus only

CAREER AND TECHNICAL EDUCATION

8160 AUTOMOTIVE TECHNOLOGY

GRADE PLACEMENT: 10-11
PREREQUISITE: ENERGY, POWER, AND TRANSPORTATION SYSTEMS, OR INSTRUCTOR APPROVAL
CREDIT: 2 UNITS
13039600

Automotive services include knowledge of the function of the major automotive systems and the principles of diagnosing and servicing these systems. In Automotive Technology, students gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus on this course is to teach the theory of operation of automotive vehicle systems and associated repair practices in a pre-employment laboratory.

RLT and Creekview campus only

8161 ADVANCED AUTOMOTIVE TECHNOLOGY

GRADE PLACEMENT: 11-12
PREREQUISITE: AUTOMOTIVE TECHNOLOGY
CREDIT: 3 UNITS
13039700

Automotive services include advanced knowledge of the function of the major automotive systems and principles of diagnosing and servicing these systems. In Advanced Automotive Technology, students gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach the theory of operation of automotive vehicle systems and associated repair practices in a pre-employment laboratory.

RLT and Creekview campus only.

8162 PRACTICUM IN TRANSPORTATION, DISTRIBUTION AND LOGISTICS (AUTO TECH)

GRADE PLACEMENT: 12
PREREQUISITE: ADVANCED AUTOMOTIVE TECHNOLOGY
CREDIT: 3 UNITS
13040400

Practicum is designed to give students supervised practical application of knowledge and skills. Practicum experience occurs in a work place environment appropriate to the nature and level of experience. Students are required to secure and maintain employment.

RLT and Creekview campus only.

TECHNOLOGY APPLICATION

4000 COMPUTER SCIENCE I

GRADE PLACEMENT: 9-12
PREREQUISITE: CONCURRENT ALGEBRA I
CREDIT: 1 UNIT
03580200

Provides beginning skills and concepts associated with programming methodology, programming languages, data types, data structures, algorithms and applications of computing. JAVA is the programming language used to teach the concepts.

4002 COMPUTER SCIENCE II

GRADE PLACEMENT: 10-12
PREREQUISITE: COMPUTER SCIENCE I
CREDIT: 1 UNIT
03580300

Includes object oriented programming, data structure, abstract data structures, sorting and searching, dynamic memory allocation and algorithmic analysis. JAVA is the programming language used for teaching computer concepts and for completing program assignments.

4005 AP COMPUTER SCIENCE I

GRADE PLACEMENT: 10-12
PREREQUISITE: COMPUTER SCIENCE I
CREDIT: 1 UNIT
A3580100

Develops beginning skills and concepts associated with programming methodology, programming languages, data types, data structures, algorithms and applications of computing.

4012 COMPUTER LAB MANAGEMENT

GRADE PLACEMENT: 11-12
PREREQUISITE: TWO YEARS OF TECHNOLOGY CLASSES OR TEACHER RECOMMENDATION
CREDIT: 1/2 UNIT (LOCAL)
84700012

Allows a student to assist a teacher(s) in setting up and carrying out lab activities, keeping equipment in order and performing other laboratory management duties as assigned by the teacher(s). For grading purposes, the student will demonstrate knowledge about responsibilities of the course and will perform duties in a consistent and responsible manner. The course can be repeated for a maximum of one credit.

8570 DESKTOP PUBLISHING

GRADE PLACEMENT: 11-12
CREDIT: 1 UNIT
03580400

Uses technology to produce publications including, but not limited to, use of the Internet for research and publication of stories on-line, the use of computer equipment to sell, produce and bill advertising, the use of computer equipment for newspaper/yearbook production, exploration in the use of digital camera equipment, and other activities necessary to meet credit requirements. Students will become experienced in the use of various software.

TECHNOLOGY APPLICATION

1451 IB COMPUTER SCIENCE I

GRADE PLACEMENT: 11
PREREQUISITE: COMPUTER SCIENCE I OR II AND/OR IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT
13580200

Develops student understanding of data types, searching and sorting methods, and standard algorithms. Research projects are required. IB Computer Science 1 may fulfill one of the three required Standard Level components (for Arts and Electives) for the IB Diploma Candidate, provided that IB Computer Science 2 is taken the following year. All students participating in the course will be required to complete all IB assessments associated with this class. Students may choose to test for Advanced Placement credit.

1452 IB COMPUTER SCIENCE II

GRADE PLACEMENT: 12
PREREQUISITE: IB COMPUTER SCIENCE I AND/OR IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT
13580300

Continues to develop student understanding of data types, searching and sorting methods, and standard algorithms. IB Computer Science 2 may fulfill one of the three required Standard Level components (for Arts and Electives) for the IB Diploma Candidate, provided that the student earned credit in IB Computer Science 1 the previous year. All students participating in the course will be required to complete all IB assessments associated with this class. Students may choose to test for Advanced Placement credit.

IB Diploma Programme at RHS campus only

4008 TECHNOLOGY APPLICATIONS INDEPENDENT STUDY (FIRST YEAR)

GRADE PLACEMENT: 11-12
PREREQUISITE: COMPUTER SCIENCE II OR AP COMPUTER SCIENCE II AND COMPUTER SCIENCE TEACHER RECOMMENDATION
CREDIT: 1 UNIT
03580900

4009 TECHNOLOGY APPLICATIONS INDEPENDENT STUDY (SECOND YEAR)

03581000

Provides training in programming methodologies like object-oriented, artificial intelligence and web site development. The course will contain elements of independent study and teacher directed instruction through the use of projects.

4010 TECHNOLOGY LAB MANAGEMENT

GRADE PLACEMENT: 11-12
PREREQUISITE: COURSE #8800 AND TEACHER ADVISEMENT
CREDIT: 1/2 UNIT (LOCAL)
84700010

Allows a student to assist a teacher(s) in setting up and carrying out lab activities, keeping equipment in order and performing other laboratory management duties as assigned by the teacher(s). For grading purposes, the student will demonstrate knowledge about responsibilities of the course and will perform duties in a consistent and responsible manner. The course can be repeated for a maximum of one credit.

RLT Academy of Media and Technology.

ADDITIONAL ELECTIVES

9702 SENIOR EXHIBITION INDEPENDENT STUDY SPEECH

GRADE PLACEMENT: 12
PREREQUISITE: TEACHER RECOMMENDATION
CREDIT: 1/2 UNIT
03241200

Allows students to create portfolios to display what they have learned in the core areas during their high school career. A display of learning from the various electives will also be included. Additionally, the course will include a career strand which would enable seniors to investigate a career of the students choosing. Students will also observe and interview a professional in the field. The summative exhibition will be presented before a panel including teachers, administrators, parents and members of the community.

9340 CAREER CONNECTIONS I

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT
85000340

Develops proficiency in decision making and problem solving which is an essential skill for career planning and lifelong learning. Students use self-knowledge, education and career information to make choices in order to set their own goals and self-manage their lives. Adapted to meet the needs outlined in student's IEP.

9339 CAREER CONNECTIONS II

GRADE PLACEMENT: 9-12
CREDIT: 1 UNIT
90009340

Continue to develop proficiency in decision making and problem solving which is an essential skill for career planning and lifelong learning. Students use self-knowledge, education, and career information to make choices in order to set their own goals and self-manage their lives. Adapted to meet the needs outlined in the students IEP.

1652 SAT/ACT PREP

GRADE PLACEMENT: 10-11
PREREQUISITE: COMPLETION OR CONCURRENT ENROLLMENT IN ALGEBRA II
CREDIT: 1/2 UNIT (LOCAL)
85000SAT

Focuses on specific test-taking strategies, many of which are applicable to other standardized tests and disciplines. Intensive practice and varied activities will be provided to meet individual needs. Students will receive the immediate feedback necessary for consistent improvement. Current research shows that such a course will increase student success.

7320 COMMUNITY SERVICE

GRADE PLACEMENT: 12
PREREQUISITE: TEACHER RECOMMENDATION
CREDIT: 1/2 UNIT (LOCAL)
85000320

Enables students to contribute hours of community service for high school elective credit. This opportunity will allow students to experience the positive benefits of volunteering and educate them regarding community resources. Concurrently, a sense of community pride will be generated as the school and community work together for the benefit of both.

NOTE: CFBISD DOES NOT PROVIDE TRANSPORTATION FOR STUDENTS PARTICIPATING IN THE COMMUNITY SERVICE CLASS. STUDENTS ARE EXPECTED TO PROVIDE THEIR OWN TRANSPORTATION TO OFF CAMPUS COMMUNITY SERVICE SITES TO PARTICIPATE IN THIS CLASS.

ADDITIONAL ELECTIVES

9143 VOCATIONAL EXPERIENCE I

GRADE PLACEMENT: 10-12+
CREDIT: 3 UNITS
84900143

Student will focus on individual responsibility on the job sites in the community with direct supervision by a certified teacher. Adapted to meet the needs outlined in student's IEP.

9144 VOCATIONAL EXPERIENCE II

GRADE PLACEMENT: 11-12+
CREDIT: 3 UNITS
84900144

Student will focus on individual responsibility on the job and will continue at local job sites with direct supervision by a certified teacher. Adapted to meet the needs outlined in student's IEP.

9343 OJT I

GRADE PLACEMENT: 11-12
CREDIT: UNITS (1-3) (DETERMINED BY ARD)
84900343

Develops concepts and skills related to successful employment. Student spends a portion of the school day in on-campus or off-campus supervised job training stations. Adapted to meet the needs outlined in student's IEP.

9344 OJT II

GRADE PLACEMENT: 11-12
CREDIT: UNITS (1-3) (DETERMINED BY ARD)
84900344

Continues development of concepts and skills related to successful employment. Student spends a portion of the school day in on-campus or off-campus supervised job training stations. Adapted to meet the needs outlined in student's IEP.

9241 APPLIED OCCUPATIONAL PREP I

GRADE PLACEMENT: 9
CREDIT: 1 UNIT
84900241

Student will focus on employability skills and job searches including the exploration of a variety of jobs and activities related to the job. Adapted to meet the needs outlined in student's IEP.

9242 APPLIED OCCUPATIONAL PREP II

GRADE PLACEMENT: 10
CREDIT: 1 UNIT
84900242

Student will focus on aptitude, interests and skills related to job searches including the application and interview processes. Adapted to meet the needs outlined in student's IEP.

9243 APPLIED OCCUPATIONAL PREP III

GRADE PLACEMENT: 11+
CREDIT: 1 UNIT
84900243

Student will investigate services and resources to aid employment and help maintain a successful job experience. Adapted to meet the needs outlined in student's IEP.

ADDITIONAL ELECTIVES

9244 APPLIED OCCUPATIONAL PREP PLUS

GRADE PLACEMENT: 12+
CREDIT: 1 UNIT
84900244

Student will continue to investigate services and resources to aid employment and help maintain a successful job experience. Adapted to meet the needs outlined in student's IEP.

7200 PEER ASSISTANCE AND LEADERSHIP (SPARK - NSHS)(TEMPO - RLTHS) (POINT - CHS) (WOLFPACK -RANCHVIEW)

GRADE PLACEMENT: 11-12
PREREQUISITE: TEACHER RECOMMENDATION
CREDIT: 1/2 UNIT (LOCAL)
85000200

Provides an alternative to the regular psychology elective. This course is activity based and stresses active listening, communication skills, group processes, and peer counseling. The course may not be repeated.

NOTE: CFBISD DOES NOT PROVIDE TRANSPORTATION FOR STUDENTS PARTICIPATING IN THE COMMUNITY SERVICE CLASS. STUDENTS ARE EXPECTED TO PROVIDE THEIR OWN TRANSPORTATION TO OFF CAMPUS COMMUNITY SERVICE SITES TO PARTICIPATE IN THIS CLASS.

7208 PEER ASSISTANCE AND LEADERSHIP I (SPARK - NSHS)(TEMPO - RLTHS) (POINT - CHS) (WOLFPACK -RANCHVIEW)

GRADE PLACEMENT: 11-12
PREREQUISITE: TEACHER RECOMMENDATION
CREDIT: 1 UNIT (State Credit)
N1290005

Provides an alternative to the regular psychology elective. This course is activity based and stresses active listening, communication skills, group processes, and peer counseling. The course may not be repeated. Teacher must have completed the PALs training to offer as state elective credit; find training info at <http://palusa.org>

NOTE: CFBISD DOES NOT PROVIDE TRANSPORTATION FOR STUDENTS PARTICIPATING IN THE COMMUNITY SERVICE CLASS. STUDENTS ARE EXPECTED TO PROVIDE THEIR OWN TRANSPORTATION TO OFF CAMPUS COMMUNITY SERVICE SITES TO PARTICIPATE IN THIS CLASS.

7209 PEER ASSISTANCE AND LEADERSHIP II (SPARK - NSHS)(TEMPO - RLTHS) (POINT - CHS) (WOLFPACK -RANCHVIEW)

GRADE PLACEMENT: 11-12
PREREQUISITE: TEACHER RECOMMENDATION
CREDIT: 1 UNIT (State Credit)
N1290006

Provides an alternative to the regular psychology elective. This course is activity based and stresses active listening, communication skills, group processes, and peer counseling. The course may not be repeated. Teacher must have completed the PALs training to offer as state elective credit; find training info at <http://palusa.org>.

NOTE: CFBISD DOES NOT PROVIDE TRANSPORTATION FOR STUDENTS PARTICIPATING IN THE COMMUNITY SERVICE CLASS. STUDENTS ARE EXPECTED TO PROVIDE THEIR OWN TRANSPORTATION TO OFF CAMPUS COMMUNITY SERVICE SITES TO PARTICIPATE IN THIS CLASS.

9800 STUDENT AIDE

GRADE PLACEMENT: 12
PREREQUISITE: TEACHER RECOMMENDATION
CREDIT: 0 UNIT
85000AID

Allows seniors who have sufficient credits to graduate and who possess characteristics of responsibility and dependability may register to be a student aide. Aides are assigned to classrooms and school offices and are expected to carry out duties as assigned. Failure to attend aide period will affect examination exemption status. Failure to attend aide period will result in disciplinary action

ADDITIONAL ELECTIVES

2745 COLOR GUARD 1

GRADE PLACEMENT: 9
PREREQUISITE: TRYOUT
CREDIT: 1 UNIT (LOCAL)
84500745

2790 COLOR GUARD 2

GRADE PLACEMENT: 10
PREREQUISITE: TRYOUT
CREDIT: 1 UNIT (LOCAL)
84500745

2799 COLOR GUARD 3

GRADE PLACEMENT: 11
PREREQUISITE: TRYOUT
CREDIT: 1 UNIT (LOCAL)
84500745

2755 COLOR GUARD 4

GRADE PLACEMENT: 12
PREREQUISITE: TRYOUT
CREDIT: 1 UNIT (LOCAL)
84500745

Membership in the Color Guard is open to all students in 9th through 12th grade through auditions held each spring. This group is a vital part of the band presentations through the use of extensive choreography, flags, and props. Members must be in high academic standing and display a strong sense of physical and mental coordination. The Color Guard performs at all functions with the Band. In addition, the group performs at various NTCA and WGI winter guard competitions each spring throughout the area and state. These courses are not eligible for fine arts or PE credit. **THERE IS A FEE WITH THIS ACTIVITY.**

9701 PEER ASSISTANCE AND LEADERSHIP

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1 UNIT (LOCAL)
N1290010

Provides an opportunity to study, practice and develop group, individual leadership and organizational skills. Students will develop decision-making skills, problem-solving techniques and explore leadership roles, communications skills and human relations skills. Students will understand the need for civic responsibility.

(Student council officers and peer mediators are encouraged to take this course.)

9706 STUDENT LEADERSHIP

GRADE PLACEMENT: 12
PREREQUISITE: APPLICATION AND MEMBER OF THE STUDENT COUNCIL
CREDIT: 1 UNIT (LOCAL)
N1290010

The Leadership Course provides opportunities to study, practice and develop group and individual leadership and organizational skills. These skills include decision-making skills, problem-solving techniques, communication skills, leadership roles, human relation skills and understanding the need for civic responsibility. This course requires an application. To be selected, one must be a senior who commits to being an active member of Student Council.

**CHS and Newman Smith*

9700 ACADEMIC DECATHLON

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1 UNIT (LOCAL)
85000DEC

This course covers ten events/subjects; literature involves two novels, ten poems, and an essay. Students present a four minute speech and a three minute impromptu speech. Students learn how to interview and be interviewed. The contest also studies four cultures, economics, mathematics, art, music, and science. The team consists of three students whose GPA is above 3.6, three students whose GPA is between 2.0 and 3.6, and three students whose GPA is below 2.9, but passing. The subject matter is studied first semester and the competition takes place in late January.

ADDITIONAL ELECTIVES

7991 AVID 1

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1 UNIT
N1290001

7992 AVID 2

GRADE PLACEMENT: 10-12
PREREQUISITE: AVID 1
CREDIT: 1 UNIT
N1290002

7993 AVID 3

GRADE PLACEMENT: 11-12
PREREQUISITE: AVID 2
CREDIT: 1 UNIT
N1290030

7994 AVID 4

GRADE PLACEMENT: 12
PREREQUISITE: AVID 3
CREDIT: 1 UNIT
N1290033

Prepares students for success in postsecondary education. The content of AVID consists of skill development in areas specifically aligned with success in rigorous courses in the foundation content areas. Students will learn Cornell note-taking, writing techniques and reading strategies as tools to learn material in core academic subjects. Time management strategies and personal organization skills will be developed.

9252 APPLIED RECREATION AND LEISURE I

GRADE PLACEMENT: 9+
CREDIT: 1 UNIT
84200252

Student will focus on daily living experiences with an emphasis on lifelong leisure activities and appropriate communication skills. Adapted to meet the needs outlined in student's IEP.

9152 DEVELOPMENTAL RECREATION AND LEISURE I

GRADE PLACEMENT: 9+
CREDIT: 1 UNIT
84200152

Student will focus on daily living experiences with an emphasis on lifelong leisure activities and appropriate communication skills. Adapted to meet the needs outlined in student's IEP.

RLT campus only

9253 APPLIED RECREATION AND LEISURE II

GRADE PLACEMENT: 10+
CREDIT: 1 UNIT
84200253

Student will focus on daily living experiences with an emphasis on independent living skills and life choices. Adapted to meet the needs outlined in student's IEP.

9153 DEVELOPMENTAL RECREATION AND LEISURE II

GRADE PLACEMENT: 10+
CREDIT: 1 UNIT
84200153

Individualized instruction that emphasizes choices for students with severe cognitive and physical disabilities.

RLT campus only

ADDITIONAL ELECTIVES

9154 DEVELOPMENTAL RECREATION AND LEISURE PLUS

GRADE PLACEMENT: 11+
CREDIT: 1 UNIT
84200154

Individualized instruction that emphasizes choices for students with severe cognitive and physical disabilities.

RLT campus only

9261 APPLIED ART I

GRADE PLACEMENT: 9+
CREDIT: 1 UNIT
84500261

Student will explore life around him/her and increase problem-solving skills, sharpen communication skills, and increase fine motor skills by being exposed to various arts, music, and culinary activities. Adapted to meet the needs outlined in student's IEP.

9161 DEVELOPMENTAL ART I

GRADE PLACEMENT: 9+
CREDIT: 1 UNIT
84500161

Student will explore life around her/her through a multi-sensory approach. The student will increase gross and fine motor skills by being exposed to various art, music, and culinary activities. Adapted to meet the needs outlined in the student's IEP.

RLT campus only

9262 APPLIED FINE ARTS

GRADE PLACEMENT: 9+
CREDIT: 1 UNIT
84500262

Student will continue to explore life around him/her and increase problem-solving skills, sharpen communication skills, and increase fine motor skills by being exposed to various arts, music, and culinary activities. Adapted to meet the needs outlined in student's IEP.

9162 DEVELOPMENTAL FINE ARTS

CREDIT: 1 UNIT
84500162

Student will continue explore life around her/her through a multi-sensory approach. The student will continue increase gross and fine motor skills by being exposed to various art, music, and culinary activities. Adapted to meet the needs outlined in the student's IEP.

RLT campus only

9672 MOVING ON UP

GRADE PLACEMENT: 12+
CREDIT: 7 UNITS
PREREQUISITE: PLACEMENT BY ARD COMMITTEE, WITH ALL HIGH SCHOOL GRADUATION REQUIREMENTS
HAVING BEEN MET.
85000672

Community based instructional program for students ages 18-21 in age appropriate settings. Adapted to meet the needs outlined in student's IEP.

9673 FUNCTIONAL SKILLS WORKSHOP

GRADE PLACEMENT: POST 12
CREDIT: VARIES
85000673

Designed for students ages 18-21, who will benefit from daily living and vocational training experiences. The FS Workshop will prepare students to be as independent as possible in post-secondary environments. Students will learn to access the community safely and effectively with supervision. Adapted to meet the needs outlined in the student's IEP.

ADDITIONAL ELECTIVES

1472 IB THEORY OF KNOWLEDGE

GRADE PLACEMENT: 11-12
PREREQUISITE: IB DIPLOMA PROGRAMME ADMISSION
CREDIT: 1 UNIT
I3000100

Explores the nature of knowledge across disciplines and encourages an appreciation of other cultural perspectives. The course will introduce students to ways of acquiring and evaluating knowledge while challenging them to identify personal and cultural biases that may affect their perception of truth and the world. TOK is a required course for every IB Diploma Candidate.

IB Diploma Programme – RHS campus only.

5901 SPORTS MEDICINE I

GRADE PLACEMENT: 9-12
PREREQUISITE: NONE
CREDIT: 1 UNIT
N1150040

Provides an innovative course that allows students the opportunity to study and apply components of sports medicine/athletic training. Includes related careers, prevention of athletic injuries, recognition, evaluation and immediate care of injuries, taping and wrapping techniques, first aid, CPR, AED and other emergency procedures.

This course is not a PE equivalent course.

5902 SPORTS MEDICINE II

GRADE PLACEMENT: 10-12
PREREQUISITE: 5901
CREDIT: 1 UNIT
N1150041

Provides an in-depth study of application of the components of sports medicine for athletic training students. Individualized and independent assignments will be included in this course. This course will involve outside-of-class homework and time required working with athletes and athletic teams.

**For Creekview: This class focuses on Mechanism of Injury, Tissue Response to Injury, and lower body anatomy and injury recognition. At the end of the year students will have the opportunity to complete requirements needed to earn your Varsity Letterman.*

This course is not a PE equivalent course.

5903 SPORTS MEDICINE III

GRADE PLACEMENT: 10-12
PREREQUISITE: 5901
CREDIT: 1 UNIT
N1150041

Sports Medicine 3 builds upon what was learned in Sports Medicine 1 and 2. In this class the focus is on upper body anatomy and injuries. As with Sports Medicine 1 and 2 this is an extra-curricular class, so there are before and after school responsibilities working in the athletic training room as well as practice and game coverage for the UIL athletic events at the school.

This course is not a PE equivalent course

Carrollton-Farmers Branch Independent School District does not discriminate on the basis of race, religion, color, national origin, sex, or disability in providing education or providing access to benefits of education services, activities, and programs, including Career and Technical programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, as amended; and Title II of the Americans with Disabilities Act.

The following person has been designated to coordinate compliance with these legal requirements:

Director of Student Services
1820 Pearl St., Carrollton, TX 75011-5186
Office Telephone: (972) 968.6500

The Texas Legislature will meet in 2015. Consequently, laws and/or requirements may result that would render the procedures in this document obsolete. If this occurs, the campus staff will have the most current laws and/or requirements to inform parents and students as they use this document as a guide.

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