



# HIGH SCHOOL PLANNING GUIDE

**2021-2022**







# HIGH SCHOOL PLANNING GUIDE 2021-2022

**Plan your future. Optimize the outcome.**

CFBISD – High Expectations for All

Use this guide to develop your four-year graduation plan.

Gain the experience you need to be the most successful you possible.

**DISCRIMINATION DISCLAIMER**

**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 technology 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.**

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.

## Table of Contents

<a href="#">About CFBISD</a> .....	4
<a href="#">District Leadership</a> .....	5
<a href="#">CFBISD Graduate Profile</a> .....	6
<a href="#">Graduation Requirements</a> .....	6
<a href="#">Awarding of Credits</a> .....	9
<a href="#">Grading System</a> .....	10
<a href="#">Additional Course Credit Options</a> .....	11
<a href="#">Scheduling Guidelines</a> .....	13
<a href="#">Academic Offerings</a> .....	15
<a href="#">Texas Education Agency Information</a> .....	35
<a href="#">NCAA Information</a> .....	36
<a href="#">4-Year Planning Page</a> .....	37
Course Descriptions	
<a href="#">English</a> .....	39
<a href="#">Mathematics</a> .....	48
<a href="#">Science</a> .....	55
<a href="#">Social Studies</a> .....	62
<a href="#">World Languages</a> .....	70
<a href="#">Athletics, Physical Education &amp; Health</a> .....	75
<a href="#">Fine Arts</a> .....	81
<a href="#">Career &amp; Technical Education – Programs of Study</a> .....	94
<a href="#">Other Electives</a> .....	126
<a href="#">Index</a> .....	132



## About CFBISD

### VALUE STATEMENTS

#### CFBISD BELIEVES IN....

- Excellence in ALL learning opportunities
- Respecting differences by embracing diversity
- A growth mindset for students, faculty, and staff
- Ongoing partnerships with the community
- Support & love of the whole student

### THE MISSION

The **Mission** of CFBISD, a diverse community of global learners, is to empower scholars to acquire life-long knowledge, skills, and values that prepares them to compete in the world marketplace while contributing to their community.

### THE VISION

CFBISD will be an exceptional learning community where all graduates impact and excel in a complex, interconnected, and ever-changing world.

### THE MOTTO

High Expectations for ALL

### GUIDING OBJECTIVES

1. Optimize engaging & diverse learning
2. Optimize facility, safety, and security & infrastructure to be adaptable to student needs
3. Optimize community engagement
4. Optimize social emotional health of all students
5. Optimize all available resources

## District Leadership

### BOARD OF TRUSTEES

**Les Black, Ph.D.**  
President

**Sally Derrick**  
Vice President

**Tara Hrbacek**  
Secretary

**John Mathews**  
Member

**Guillermo William Ramos**  
Member

**Juan Renteria**  
Member

**Randy Schackmann**  
Member

### DISTRICT LEADERSHIP

**John E. Chapman, III, Ed.D.**  
Superintendent

**Brian Moersch**  
Area Superintendent  
for Staff & Student Services

**Steve Bassett**  
Associate Superintendent  
for Business Services

**Dana West, Ed.D.**  
Associate Superintendent  
for Teaching & Learning

**Tracy Smith**  
Assistant Superintendent

**Michelle Bailey**  
Assistant Superintendent

**Maggie De La Rosa**  
Chief of School Leadership  
Elementary

**Lance Hamlin, Ed.D.**  
Chief of School Leadership  
Secondary

**Susan Machayo**  
Chief of School Leadership  
Elementary

### SECONDARY TEACHING AND LEARNING

**Kathryn Schaeffer, Ed.D**  
Adv Academic Services &  
World Languages

**Olivia Perez**  
Bil/ ESL Instructional Services

**Erica Obert**  
Secondary Language Arts

**Patricia Parker, Ph.D.**  
Assessment and  
Accountability

**Brett Farr**  
Fine Arts

**Tanya Garvey**  
Secondary Mathematics

**Jo Gillen**  
College and Career  
Readiness

**Renee Putter**  
Health, Physical Ed, Athletics

**Susan Shipp**  
Science

**Michael Ramirez**  
Health, Physical Ed, Athletics

**Pier Larsen**  
Social Studies

**Robin Stout, Ed.D**  
Digital Learning

**Randi Wells**  
Special Education

### HIGH SCHOOL PRINCIPALS

**Joe LaPuma**  
Creekview

**Timothy Isaly**  
Early College

**Stephanie Jimenez, Ed.D.**  
Newman Smith

**Sherie Skruch**  
Ranchview

**Adam Grinage, Ed.D.**  
Turner

# Graduate Profile

## A CFBISD GRADUATE IS

Ethical, Socially and Emotionally Competent  
a Critical Thinker, Adaptable  
an Effective Communicator  
Committed to their Diverse Community  
and a Global Leader in the Making

## Graduation Requirements

### CREDIT REQUIREMENTS

All students must meet state and local requirements for graduation. CFB requires students to earn 26 credits to graduate.

Foundation PLUS Endorsement(s) 26 credits	Distinguished Level of Achievement 26 credits	Performance Acknowledgements Any of the 5 Options Below
<p><b>4 credits English</b>  <b>4 credits Mathematics</b>  <b>4 credits Science</b>  <b>4 credits Social Studies</b>  (In CFBISD, W Geography and W History are required as Social Studies credits along with Gov/Econ)</p> <p><b>2 credits World Language</b></p> <p><b>1 credit Physical Education</b></p> <p><b>1 credit Fine Arts</b></p> <p><b>½ credit Health</b></p> <p><b>5½ credits in Electives</b>-may include CTE or certification courses to satisfy endorsement requirements</p> <p>-----</p> <p><b>*Foundation Plan WITHOUT endorsement allows for:</b>  <b>4 credits English</b>  <b>3 credits Mathematics</b>  <b>3 credits Science</b>  <b>4 credits Social Studies</b>  <b>2 credits World Languages</b>  <b>1 credit Physical Education</b>  <b>1 credit Fine Arts</b>  <b>½ credit Health</b>  <b>3½ credits in Electives.</b></p> <p><b>CFBISD utilizes this plan on a limited basis as necessary given specific circumstances. Speak with your counselor if you believe this applies to you.</b></p>	<p><b>4 credits English</b>, must include Eng 4  <b>4 credits Mathematics</b>, must include Alg 2  <b>4 credits Science</b>, must include Chem or Phy  <b>4 credits Social Studies</b>  (In CFBISD, W Geography and W History are required as Social Studies credits along with Gov/Econ)</p> <p><b>2 credits World Language</b></p> <p><b>1 credit Physical Education</b></p> <p><b>1 credit Fine Arts</b></p> <p><b>½ credit Health</b></p> <p><b>5½ credits in Electives</b>-may include CTE or certification courses to satisfy endorsement requirements</p>	<p><b>AP/IB</b></p> <ul style="list-style-type: none"> <li>Score 3 or above on an AP Exam</li> <li>Score 4 or above on an IB Exam (HL)</li> </ul> <p><b>College Entrance Exam</b></p> <ul style="list-style-type: none"> <li>PSAT score of commended or higher</li> <li>College Benchmark score on three out of five subject tests on the ACT-Aspire</li> <li>SAT 1250-Reading/Math combined</li> <li>ACT score of 28 w/o Writing</li> </ul> <p><b>Business Industry/Certification</b> Obtain a business or industry certification</p> <p><b>Dual Credit</b></p> <ul style="list-style-type: none"> <li>12 College Credit hours with a grade of 3.0 or higher</li> </ul> <p><b>Bilingualism/Biliteracy</b></p> <ul style="list-style-type: none"> <li>Complete all ELA requirements with a min GPA of 80</li> </ul> <p>And add one of the following:**</p> <ul style="list-style-type: none"> <li>3 credits in the same World Language with a min GPA of 80</li> <li>Pass Level 4 or higher World Language with a min GPA of 80</li> <li>3 credits in World Language with a min GPA of 80</li> <li>AP World Language score of 3.0 or higher</li> <li>IB World Language score of 4 or higher</li> <li>NALP score of Intermediate High or better for a language other than English</li> </ul> <p><b>**ELL Students Only</b> – must <u>ALSO</u></p> <ul style="list-style-type: none"> <li>Participate and meet exit criteria for a bilingual or ESL program AND</li> <li>Score Advanced High Level on TELPAS</li> </ul>



Beginning with students enrolled in 12th grade during the 2021-2022 school year, as required by House Bill 3 of the 86<sup>th</sup> Texas Legislature, each student must submit a Free Application for Federal Student Aid (FAFSA) or Texas Application for State Financial Aid (TASFA), or submit a signed opt-out form in order to graduate.

### ENDORSEMENT CRITERIA

<b>STEM</b>	A coherent sequence or series of courses selected from one of the following: • CTE courses with a final course from the STEM career cluster • Computer Science • Mathematics • Science • A combination of no more than two of the categories listed above
<b>BUSINESS &amp; INDUSTRY</b>	A coherent sequence or series of courses selected from one of the following: • CTE courses with a final course from the Agriculture, Food, & Natural Resources; Architecture & Construction; Arts, Audio/Video, Technology & Communications; Business Management & Administration; Finance; Hospitality & Tourism; Information Technology; Manufacturing, Marketing; Transportation, or Distribution & Logistics CTE career cluster • The following English electives: public speaking, debate, advanced broadcast journalism including newspaper and yearbook • Technology applications • A combination of credits from the categories listed above
<b>PUBLIC SERVICE</b>	A coherent sequence or series of courses selected from one of the following: • CTE courses with a final course from the Education & Training; Government & Public Administration; Health Science, Human Services; or Law, Public Safety, Corrections, and Security career cluster • JROTC
<b>ARTS &amp; HUMANITIES</b>	A coherent sequence or series of courses selected from one of the following: • Social studies • The same language in Languages Other Than English • Two levels in each of two language in Languages Other Than English • American Sign Language (ASL) • Courses from one or two categories (art, dance, music, and theater) in fine arts • English electives that are not part of Business and Industry
<b>MULTIDISCIPLINARY STUDIES</b>	A coherent sequence or series of courses selected from one of the following: • Four advanced courses that prepare a student to enter the workforce successfully or postsecondary education without remediation from within one endorsement area or among endorsement areas that are not in a coherent sequence • Four credits in each of the four foundation subject areas to include English IV and chemistry and/or physics • Four credits in AP, IB, or dual credit selected from English, mathematics, science, social studies, economics, languages other than English, or fine arts

### STATE TESTING REQUIREMENTS

To receive a high school diploma, students are also required to obtain satisfactory scores in 5 state-mandated end-of-course (EOC) assessments.

<b>English Language Arts</b>	<b>Mathematics</b>	<b>Science</b>	<b>Social Studies</b>
English 1 English 2	Algebra 1	Biology	US History

*A summer school program is available for students who do not meet the passing criteria on EOC assessments established by the Texas Education Agency (TEA). Students will be provided accelerated instruction at no cost to the student.*

### **STAAR-EOC Alternate2 (STAAR-ALT2)**

STAAR-ALT2 is an alternate assessment designed for students with significant cognitive disabilities who receive instruction in an alternate curriculum through special education. The Admission, Review, and Dismissal (ARD) Committee will determine if the student meets the state participation requirements for the STAAR-ALT2 assessment.

For additional information regarding State Assessment Resources, please visit  
<http://texasassessment.com/>.

## **REGARDING ALGEBRA 2 AS A HIGH SCHOOL GRADUATION REQUIREMENT**

A student is not required by state law (Texas Education Code, Section 28.025) to successfully complete Algebra 2 as a requirement for high school graduation. However, there are potential consequences to a student who does not successfully complete an Algebra 2 course.

A student is eligible for automatic admission to a Texas public college or university as an undergraduate student if the student earned a grade point average in the **TOP 10 PERCENT** of the student's high school graduating class or in the percentage of qualified applicants that are anticipated to be offered admission to The University of Texas at Austin\*, and the applicant—

- successfully completed the requirements for the distinguished level of achievement under the foundation high school program at a public high school; or
- satisfied ACT's College Readiness Benchmarks on the ACT assessment or earned on the SAT assessment a score of at least 1,500 out of 2,400 or the equivalent.

A student may not earn the distinguished level of achievement or be eligible for automatic admission to a Texas public college or university as an undergraduate student if the student does not successfully complete high school Algebra 2.

There are several state financial aid programs available for certain Texas public high school students. Certain state financial aid programs include curriculum requirements that should be considered when planning a student's high school career to ensure eligibility for financial aid under one of these programs. Please note that this is not a complete list of requirements and additional eligibility requirements apply. A full list of requirements is available through the Texas Higher Education Coordinating Board's (THECB) financial aid webpage at

<http://www.collegeforalltexans.com/apps/financialaid/tofa.cfm?Kind=GS>

For initial eligibility for a TEXAS grant, a student enrolling in an eligible institution must be a graduate of a public or accredited private high school in this state who completed the Foundation High School Program or its equivalent and have accomplished any **two or more** of the following:

- Successful completion of the course requirements of the International Baccalaureate Diploma Programme or earning of the equivalent of at least 12 semester credit hours of college credit in high school through courses described in Texas Education Code (TEC), Sections 28.009(a)(1), (2), and (3)

- Satisfaction of the Texas Success Initiative (TSI) college readiness benchmarks prescribed by the THECB under TEC, Section 51.334 on any assessment instrument designated by the THECB or qualification for an exemption as described by TEC, Section 51.338(b), (c), or (d)
- Graduation in the top one-third of the person's high school graduating class or graduation from high school with a grade point average of at least 3.0 on a four-point scale or the equivalent
- Completion for high school credit of at least one advanced mathematics course following the successful completion of an **Algebra 2** course or at least one advanced career and technical or technology applications course

## Awarding of Credits

### GRADE LEVEL CLASSIFICATION

Grade level classification depends on the number of credits students have earned. Their Cohort is assigned when they enter high school for the first time and is projected out four years. This year's incoming 9<sup>th</sup> grade students will be Cohort 2025.

GRADE	CLASSIFICATION	CREDITS
9	Freshman	0 - 5½
10	Sophomore	6 - 11½
11	Junior	12 - 18½
12	Senior	19+

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. Despite the number of credits earned, students are not reclassified beyond their Cohort. Therefore, if a student in Cohort 2025 has more 6 or ore credits at semester of their 9<sup>th</sup> grade year, they will not be reclassified as a 10<sup>th</sup> grader.

### MINIMUM ATTENDANCE FOR CLASS 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.

### 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.

## Grading System

### FORMATIVE AND SUMMATIVE GRADES

Numeric grades 0-100 are assigned during nine-weeks grading cycles. Formative work is 25% and summative assessments/projects are 75% of the nine-weeks grade. Semester grades are calculated as 40% each nine-weeks average and 20% semester exam. Semester credit is awarded for averages of 70 and above.

### GRADE POINT AVERAGES (GPA) AND RANKING

Grade points are awarded as follows:

- Numerical grade +9 points for Advanced and other designated courses
- Numerical grade +5 points for Honors
- Student GPA is also reported on an unweighted 4.0 scale

Rank in class for grades 9-12 is determined by using a weighted grade point system on a 100 point scale. GPA and Rank are run at semester and end of school. For Honors Graduate designation, GPA and Rank are run after the third nine-weeks.

### HONOR GRADUATES

To be eligible for valedictory, salutatory, or top ten student honors, a student shall have attended high school in the District continuously for two school years, commencing with enrollment no later than the end of the last Friday in September of the student's junior year, until graduation.

Honor graduates shall be determined by academic grade points, which shall be calculated as specified above. The valedictorian, salutatorian, and honor graduates shall be determined by their rank in class, and academic grade points shall be calculated at the end of the third nine weeks of their senior year. Honor graduates may be designated as the top ten percent of the students in the graduating class, with any variation at the discretion of the principal with central office approval. Honor graduates must have completed the Distinguished Achievement Program for graduation.

### EARLY GRADUATION

A junior shall be eligible for reclassification as a senior if the student has developed a plan with his/her counselor to satisfy **ALL** requirements for graduation by the end of the student's third year in high school. The student shall be reclassified as a senior in late spring when it is determined that all graduation requirements will be met by the end of the school year. Upon reclassification, an early graduate shall not displace a senior in class rank but shall be placed equivalently in the senior class rank as determined by the student's weighted numeric average.

## Additional Course Credit Options

### CORRESPONDENCE COURSES

Correspondence courses may be taken for first time credit or credit recovery with approval from the home campus. Correspondence courses require a high level of individual commitment and must be completed within the timeframe listed by the provider institution. Students should speak with their school counselor for approval prior to registering for a correspondence course. All associated fees are the responsibility of the student and the student's guardian.

Credits 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. 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.
3. Grades earned from correspondence courses are not included in GPA calculations.

### 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. **Courses taken in recovery lab are not accepted for NCAA eligibility.**

### 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. There is an enrollment fee for summer school courses taken for acceleration. Course selection and enrollment is limited and contingent upon teacher availability.

Course selection and enrollment forms are available in the campus counselors' offices in the spring. Enrollment in any of CFB courses requires approval of the student's home campus, counselor, diagnostician, and/or principal.

#### Additional Guidelines:

- Dates, times, fees and locations of the CFB Summer School term are announced each spring.
- Registration for these courses is separate from regular school enrollment and is announced in the spring.

## TEXAS VIRTUAL SCHOOL NETWORK

The TXVSN works in partnership with Texas public schools to provide students expanded opportunities to enroll in courses offered by Texas Education Agency-approved online course providers. Students interested in TXVSN courses should consult their school counselors for guidance.

The course catalog may be accessed at <https://catalog.mytxvsn.org/>.

All associated fees of TXVSN Catalog courses are the responsibility of the student and the student's guardian.

## NIGHT SCHOOL PROGRAM

The district provides an opportunity for students to recover credit or earn credit in selected courses by attending evening classes. Courses follow a college course format of attending 2.5-3.5 hours per evening. There is an enrollment fee to attend the CFB Night School.

### **Additional Guidelines:**

- Students may pick up their registration form from their school counselor; the form must be signed by the counselor for admittance to the program. The form may be available online.
- Students must attend each evening that the class is scheduled to earn credit. A student may be dropped after the second absence and tuition is not reimbursed.

## CREDIT BY EXAMINATION

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

### **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  
\*Students with a qualifying AP score may earn up to a maximum of 4 years of high school credit in World Languages.
- Scale score of 60 or higher on CLEP exam
- Minimum score of 80% on approved CBE
- If a student is given credit on the basis of an examination on which the student scored 80% or higher, the CBE score must be entered on the student's transcript and the student is not required to take an applicable STAAR End-of-Course assessment for that course.
- If a student fails to earn credit by exam for a high school course before the beginning of the school year when the student would normally be expected to enroll in the course according to our district's course sequence, the student must satisfactorily complete the course in order to earn credit

### **Credit by Exam for Course Recovery**

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 course taken and completed (evident by a grade recorded on transcript) but credit was not awarded due to 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
- CBE for remediation is not accepted for NCAA eligibility.

### **Additional Guidelines for CBE:**

- There is no charge for CBE for acceleration or credit recovery.
- Grades earned for taking Credit by Exam courses shall not be computed for determining class rank but do appear on the student transcript.
- A student may attempt to earn CBE for a specific high school course only two (2) times. Students who do not earn course credit on the first CBE must wait for a new testing window to start.
- Board approved Credit by Exams include University of Texas, Texas Tech, and Avant World Languages
- 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.

**TAC §74.24 states that 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

## **Scheduling Guidelines**

### **COURSE SELECTION**

Students select courses each year based on conversations with their guidance counselor and discussions with their parents. CFBISD encourages students to take courses that will challenge their thinking and offer the best opportunities for growth in areas of interest both personally and College/Career. Students should refer to their Personal Graduation Plan (PGP) and make adjustments when necessary to meet the changing interests or offerings each year.

Course Descriptions are found in this High School Planning Guide and serve as a reference to help students select the most appropriate courses for graduation and their personal goals. Not all courses are offered at every campus and some courses listed may not be offered in a given year due to interest, teacher availability, or state curriculum changes.



## 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.
5. 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.

## SENIOR OUT PERIOD CRITERIA

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**

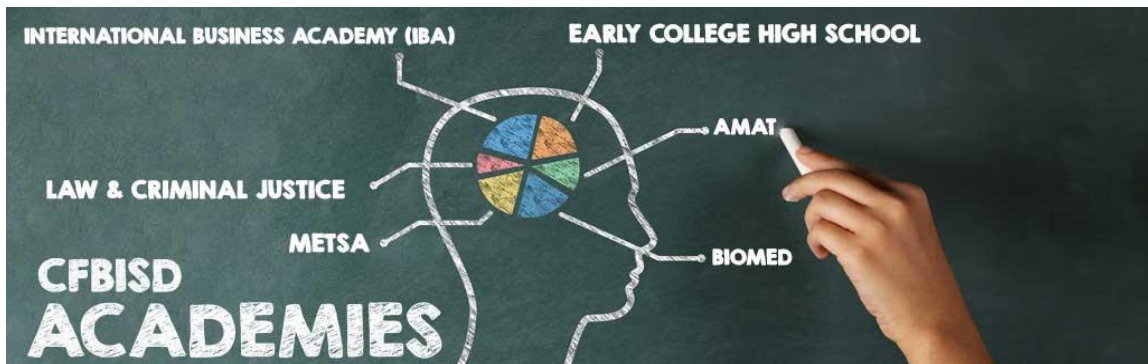
- With parent permission and administrative approval, seniors may have one period out if they are on track for graduation
- Out periods for seniors are scheduled at the beginning and/or end of the school day. Students enrolled in Career & Technical Education Career Prep classes will receive additional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





## Academic Offerings

### ACADEMIES



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.

Common characteristics of all academies include:

- A small learning community of students with the same focus and similar goals
- 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



# Early College High School

The Early College High School (ECHS), located on the Dallas 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 works with Dallas College to help our students become academically successful, earn college credit tuition free, and successfully transition to an institution of higher education.

## Early College High School Vision

The vision of Early College High School is to create a transformative educational experience that drives inspiration, innovation and dedication for all students and staff.

## Early College High School Mission

The mission of Early College High School is to graduate globally minded citizens that are competently and confidently prepared to complete a four-year university program and who can positively lead and democratically serve their local communities.

## Benefits to Students

- Opportunity to earn 60+ college credits on a 100% scholarship for books and tuition
- A small school setting within a college campus
- An environment that is safe and supportive complete with a 4-year AVID program
- An academic program for all students enriched with many college extra-curricular collegiate and high school activities, community service events and field trips



# Creekview High School



## LAW AND CRIMINAL JUSTICE ACADEMY

In our society, order has been maintained only by a system of laws. 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 trial, moot court, 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, forensics, and other law related areas. Law, Political Science, and law enforcement are the three primary strands of the Academy, encompassing areas such as criminal law, civil law, constitutional law, political systems, the origin and evolution of rights and civil liberties, crime scene investigation, forensic analysis, 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



# Newman Smith High School



## INTERNATIONAL BUSINESS ACADEMY

The mission of the International Business Academy (IBA) is to provide students with a foundation in business, marketing, finance, accounting, and global business. Additionally, the IBA environment encourages the development of the entrepreneurial spirit in students. Students are able to create and run their businesses in their capstone class senior year as a part of the Business INCubatoredu program.

The International Business Academy will equip students with skills and knowledge to successfully operate in their chosen field of business. The academy is about the development of confident, competent individuals that can organize, communicate and lead any organization. Since business is in every career, the IBA program aims to equip students with skills and knowledge to successfully operate in their chosen field, whether it is business, finance and marketing, or other careers such as law, healthcare, science or technology.

The sequence of IBA coursework provides graduates with the necessary focus to wisely select the postsecondary 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, college visits, guest speakers and domestic and international travel.

Students in the academy also take dual credit college classes at Dallas College, as well as AP (Advanced Placement) and Honors classes. Possible certifications that can be earned include Entrepreneurship and Quickbooks.

- Experience travel opportunities
- Engage in enriched academic curriculum
- Learn employable skills and attitudes
- Gain an understanding of world cultures

Begin your IBA journey to success! The International Business Academy... a one of a kind learning experience for students!



# Ranchview High School

## **INFORMATION TECHNOLOGY ACADEMY (BEGINNING 2021-2022 SCHOOL YEAR)**

The Information Technology Academy is the district's first P-TECH program. P-TECH stands for Pathway in Technology Early College High School. Through this pathway, students will have the opportunity to take coursework in the strands of Networking, Web Design, Support Services, and Cyber Security and earn Industry Based Certifications. Additionally, students will have the opportunity to take Dual Credit Course Work where they can earn up to an Associate's Degree as well as their High School Diploma. Students will also have opportunities to work with the Industry Partners through mentorships and internships to gain those real-world work experiences.

More details regarding this Academy will be made available as the P-TECH program develops.

*The IB Diploma Programme previously offered is in its last year 2021-22. Cohort 2022 students at Ranchview have the final opportunity to take Advanced DP Levels courses in all subject areas.*



# Turner High School



## **ACADEMY FOR MEDIA ARTS AND TECHNOLOGY (AMAT)**

Academy for Media Arts and Technology is a four-year sequence of courses that works towards industry software certifications in the areas of Media Arts, Digital Graphics/Graphic Design, Animation, Commercial Photography or Broadcast Journalism.

AMAT coursework is centered around project-based learning that allows students to experience real-world, hands-on learning. Students will be encouraged to take part in creating the curriculum that is centered around their field of interest and work collaboratively with the teacher and other students to produce industry level portfolios.

Students in AMAT will receive an elevated academic experience that will include industry internships, college visits, mentorships, competitions, in-class speakers, academy socials, industry field trips, and more.

AMAT offers three diverse Media Arts and Technology Pathways that will help students reach professional levels of knowledge and experience. Through a four-year program in Commercial Photography, Graphic Design, or AV Production, students will work with up-to-date industry software and technology to create professional portfolios and prepare for professional certifications. Students will leave the program career and college ready.

### AMAT Pathways

- AV Production: Broadcast Journalism, Sound Design, Film Production
- Commercial Photography: Professional Photography in all areas
- Graphic Design: Animation, Video Game Design, Graphic Design



# Turner High School



## ACADEMY OF BIOMEDICAL PROFESSIONALS (BIOMED)

The Academy of BioMedical Professions at R. L. Turner High School is for students interested in pursuing a career in the health care industry. The school learning environment is a combination of classroom lectures and labs, and real-world experiences through externships, professional speakers and field trips. Our on-site skills labs provide opportunities to obtain practice in clinical skills through the use of actual medical supplies and equipment. In addition, some courses offer externships with local pharmacies, nursing homes and hospitals.

All BioMed students begin by taking Principles of Health Science and Health Science Theory. These courses provide an essential foundation of information ranging from topics such as medical terminology, basic anatomy and CPR to medical careers, ethics, insurance and hospital structure. Students then enroll in Anatomy & Physiology (A&P) and one of our many certification courses. A&P is a rigorous and essential course that explores the structure and function of the human body. The next progression as a senior is to enroll in one or more of our certification practicum courses.

Certifications are awarded to students who complete one or more of the specific courses, the required clinical hours for that course and pass a state or national test. Certifications allow students to be workforce-ready after high school with higher earning power.

The BioMed Academy currently offers the following certification courses:

- Certified Nurse Assistant
- Pharmacy Technician
- Phlebotomy Technician
- Emergency Medical Technician (This is a dual-credit Brookhaven course taught on our campus)
- Medical Coding and Billing (taken during the Clinical Rotations year course)

The mission of the BioMed 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.



# Turner High School



## **MATH ENGINEERING TECHNOLOGY AND SCIENCE ACADEMY (METSA)**

The Math, Engineering, Technology and Science Academy (METSA) offers a four-year sequence of courses that introduces students to the vast array of disciplines within the fields of science, technology, engineering and mathematics (STEM).

The coursework is delivered in a comprehensive, project-based approach that allows students to experience practical problem-solving through investigation using various resources, including METSA's extensive network of professionals in STEM-focused careers. The project-based learning (PBL) environment creates an atmosphere where learning is student-driven, collaborative and engaging.

METSA enriches students' academic experience with a variety of active learning opportunities, such as field-based experiences, college visits, clubs, competitions, camps, career panels, seminars, senior exhibitions, job shadowing events and hands-on internships. The Academy offers five exciting STEM pathways, each of 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 STEM-related fields, and graduate a community of life-long learners.

### STEM Pathways in METSA

- Aerospace Engineering
- Engineering Design & Problem Solving
- Computer Integrated Manufacturing
- Computer Science
- Digital Electronics





## 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 computer instruction facilitated by a classroom teacher. 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. Mary Grimes is also the home of the Moving on Up and Functional Skills Workshop programs that serve our 18+ special needs students in the district.



## Bea Salazar Learning Center

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 individualized curriculum that correlates to the home campus curriculum. In addition, students are taught new ways of thinking and behaving to enhance their self-discipline.

## 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 foundations of the English language.

The English Language Development and Acquisition course is designed to provide instructional opportunities for 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 English Language Development and Acquisition (ELDA) while concurrently enrolling in ESOL 1. ELDA 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, with language proficiency as 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 by developing language, enriching vocabulary, and building 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, DYSLLEXIA AND RELATED DISORDERS

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.



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. Contact the dyslexia coordinator/support teacher at your child's campus.

### ADVANCED ACADEMIC SERVICES / GIFTED AND TALENTED PROGRAMMING

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 interests that are more typical of older children or even adults. These three learning differences are frequently enhanced by other complementary characteristics: independence, persistence, nonconformity, and motivation. For more information: [cfbgifted.com](http://cfbgifted.com)

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

At the high school level, ACE and LEAP students take AP Human Geography and AP World History in conjunction with their GT/Honors English curriculum in the 9<sup>th</sup> and 10<sup>th</sup> grade. Other opportunities for gifted and advanced learners include Pre-Advanced Placement, Advanced Placement, OnRamps, Honors 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 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.*

## **HONORS AND ADVANCED PLACEMENT (AP) COURSE OPTIONS**

Honors courses prepare students to be successful in college level courses 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.

Grades earned in courses with Honors weighting shall receive five (5) additional grade points in the calculation of the numeric weighted GPA.



The Advanced Placement Program (AP) allows students to take rigorous college level courses while still in high school. Students 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. 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.

Grades earned in courses with AP academic weighting shall receive nine (9) additional grade points in the calculation of the weighted numeric GPA.

*\*Fees may be required for course materials or testing*



OnRamps is an innovative dual enrollment and professional development initiative led by The University of Texas at Austin. Founded in 2011 in partnership with the Texas Higher Education Leaders Consortium, and supported by generous funding from the Texas Legislature, OnRamps is dedicated to preparing high school students for postsecondary student success.

### How OnRamps Works

1. OnRamps students are enrolled in a yearlong high school course facilitated by a high school teacher who is trained and certified by OnRamps to teach the course on their local campus.
2. During the first half of the course, OnRamps students complete a series of required assignments that are designated by an Instructor of Record at the university to determine eligibility to be dually enrolled in the university course.
3. Students who successfully complete the high school version of the course receive credit from their local high school. In addition, students who successfully complete the spring college course receive three core credits from The University of Texas at Austin guaranteed to transfer to any public college or university in Texas.

Grades earned in courses with UT OnRamps academic weighting shall receive nine (9) additional grade points in the calculation of the weighted numeric GPA.

*\*Fees may be required for course materials or testing*

### Courses Available for OnRamps Credit

*Course availability determined by each campus.*

College Subject Area	OnRamps Course Name	UT Course ID	College Credit Earned	CFBISD Credit Equivalent	CFB Local ID	High School Credit Earned
English	English 4 Rhetoric	RHE 306 & RHE 309K	3 & 3	English 4	1320	1
History	US History	HIS 315K & HIS 315L	3 & 3	US History	7612	1
Mathematics	College Algebra	M 301	3	College Algebra	4788	1
Mathematics	Pre-Calculus	M 305G	3	Pre-Calculus	4772	1
Science - Physics	Physics 1	PHYS 302K	3	Physics 1	6657	1
Science - GeoSciences	Earth Wind & Fire	GEO 302E	3	Earth Science	6647	1



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.

Dallas College welcome students who meet the criteria for dual and concurrent enrollment. Students enrolling in dual and concurrent credit courses must make certain that they follow established enrollment procedures and pay applicable fees for textbooks and other supplies. Students must contact their campus counselor to begin the enrollment process. Students must present documentation to their counselors within three weeks of the end of the course to receive credit.

Information from Dallas College about Dual Credit can be found at this link:  
<https://www.dcccd.edu/high-school-students/dual-credit/pages/default.aspx>

Dual credit courses do not impact the student's High School GPA/Ranking. However, the numeric grade earned in the courses taken will appear on the student's High School Transcript and ARE included in the GPA on the Dallas College transcript.

Students should consult their school counselors regarding dual credit course options and enrollment as this is subject to change from time of printing. The following courses may be taken at CFBISD high school or through Dallas College campuses for dual credit purposes.

*\*Fees may be required for course materials or testing*

#### Courses Available for Dual Credit

College Subject Area	Dallas College Course Name	Dallas College Course ID	College Credit Earned	ECES Only or Acceptable for All High School Students or ECES only?	CFBISD Course Name	CFB Local ID	High School Credit Earned
Business	Principles of Financial Accounting	ACCT 2301	3	All	Accounting 2B	8282D	0.5
Business	Introduction to Accounting I	ACNT 1303	3	All	Accounting 1A	8281D	0.5
Business	Introduction to Accounting II	ACNT 1304	3	All	Accounting 1B	8281D	0.5
Business	Introduction to Computerized Accounting	ACNT 1311	3	All	Accounting 2A	8282D	0.5
Business	Principles of Management	BMGT 1327	3	All	Business Management	8269	1
Business	Personal Finance	BUSI 1307	3	All	Money Matters	8341D	0.5
Business	Introduction to Computing	COSC 1301	3	All	Business Information Management 1	8263	1
Business	Introduction to Presentation Graphics Software	ITSW 1410	4	All	Digital Media	8174	1
Business	Advertising and Sales Promotion	MRKG 2349	3	All	Advertising	8284	0.5
Communications	Composition 1	ENGL 1301	3	All	English 4A	1310D Sem A	0.5
Communications	Composition 2	ENGL 1302	3	All	English 4B	1301D Sem B	0.5

College Subject Area	Dallas College Course Name	Dallas College Course ID	College Credit Earned	ECHS Only or Acceptable for All High School Students or ECHS only?	CFBISD Course Name	CFB Local ID	High School Credit Earned
Communications	Technical and Business Writing	ENGL 2311	3	All	Research/Technical Writing	1322	0.5
Communications	Fundamentals of Public Speaking	SPCH 1315	3	All	Professional Communication	8300D	0.5
EMT	(must take all three courses concurrently) Practicum – EMT; Emergency Care Attendant; Special Topics in EMT	EMSP 1164; EMSP 1305; EMSP 1391	1; 3; 3	EMT at RLT Only	Practicum in Health Science – EMT	8234	2
EMT	Emergency Medical Technician	EMSP 1501	5	EMT at RLT Only	EMT Basic	8237	2
Languages	Beginning Chinese 1	CHIN 1411	4	All	Chinese (Mandarin) 1	3901	1
Languages	Beginning Chinese 2	CHIN 1412	4	All	Chinese (Mandarin) 2	3902	1
Languages	Intermediate Chinese 1	CHIN 2311	3	All	Chinese (Mandarin) 3	3903	1
Languages	Intermediate Chinese 2	CHIN 2312	3	All	Chinese (Mandarin) 4	Use Service ID Only	1
Languages	Beginning French 1	FREN 1411	4	All	French 1	3604	1
Languages	Beginning French 2	FREN 1412	4	All	French 2	3605	1
Languages	Intermediate French 1	FREN 2311	3	All	French 3	3606	1
Languages	Intermediate French 2	FREN 2312	3	All	French 4	Use PEIMS Only	1
Languages	Beginning German 1	GERM 1411	4	All	German 1	3700	1
Languages	Beginning German 2	GERM 1412	4	All	German 2	3701	1
Languages	Intermediate German 1	GERM 2311	3	All	German 3	3702	1
Languages	Intermediate German 2	GERM 2312	3	All	German 4	3703	1
Languages	Beginning Japanese 1	JAPN 1411	4	All	Japanese 1	3750	1
Languages	Beginning Japanese 2	JAPN 1412	4	All	Japanese 2	3751	1
Languages	Intermediate Japanese 1	JAPN 2311	3	All	Japanese 3	3752	1
Languages	Intermediate Japanese 2	JAPN 2312	3	All	Japanese 4	3753	1
Languages	Beginning Korean 1	KORE 1411	4	All	Korean 1	3740	1
Languages	Beginning Korean 2	KORE 1412	4	All	Korean 2	3741	1
Languages	Intermediate Korean 1	KORE 2311	3	All	Korean 3	3742	1
Languages	Intermediate Korean 2	KORE 2312	3	All	Korean 4	Use PEIMS Only	1

College Subject Area	Dallas College Course Name	Dallas College Course ID	College Credit Earned	ECHS Only or Acceptable for All High School Students or ECHS only?	CFBISD Course Name	CFB Local ID	High School Credit Earned
Languages	Beginning American Sign Language 2	SGNL 1302	3	All	American Sign Language 2	3402	1
Languages	Intermediate American Sign Language 1	SGNL 2301	3	All	American Sign Language 3	3403	1
Languages	Intermediate American Sign Language 2	SGNL 2302	3	All	American Sign Language 4	3404	1
Languages	Beginning Spanish 1	SPAN 1411	4	All	Spanish 1	3808	1
Languages	Beginning Spanish 2	SPAN 1412	4	All	Spanish 2	3810	1
Languages	Intermediate Spanish 1	SPAN 2311	3	All	Spanish 3	3820	1
Languages	Intermediate Spanish 2	SPAN 2312	3	All	Spanish 4	3821	1
Mathematics	College Algebra	MATH 1314	3	All	College Algebra	4783D	1
Mathematics	Plane Trigonometry	MATH 1316	3	All	Trigonometry	4793	1
Mathematics	Contemporary Mathematics (Quantitative Reasoning)	MATH 1332	3	All	Advanced Quantitative Reasoning	4796	1
Mathematics	Differential Equations	MATH 2320	3	All	Differential Equations	4784	0.5
Mathematics	Pre-Calculus Math	MATH 2412	3	All	Pre-Calculus	4769	1
Mathematics	Calculus 3	MATH 2415	4	All	Calculus 3	4782	0.5
Science	Human Anatomy & Physiology 1	BIOL 2401	4	All	Anatomy & Physiology	6637D	1
Science	College Physics 1	PHYS 1401	4	All	Scientific Research and Design Independent Study (Physics 1)	8257	1
Science	College Physics 2	PHYS 1402	4	All	Scientific Research and Design Independent Study (Physics 2)	8258	1
Science	Nursing Pathophysiology	RNSG 1311	3	All	Pathophysiology	8338	1
Social Studies	Introduction to Criminal Justice	CRIJ 1301	3	All	Principles of Law, Public Safety, & Security	8148D	1
Social Studies	Court Systems & Practices	CRIJ 1306	3	All	Court Systems and Practices	8150D	1
Social Studies	Crime in America	CRIJ 1307	3	All	Correctional Services	8151D	1
Social Studies	Fundamentals of Criminal Law	CRIJ 1310	3	All	Criminal Investigation	8147D	1
Social Studies	Principles of Economics 1 - Macroeconomics	ECON 2301	3	All	Macroeconomics (Free Enterprise)	7404D	0.5
Social Studies	Principles of Economics 2 - Microeconomics	ECON 2302	3	All	Microeconomics	7402D	0.5
Social Studies	American (Federal) Government	GOVT 2305	3	All	Government	7317D	0.5

College Subject Area	Dallas College Course Name	Dallas College Course ID	College Credit Earned	ECES Only or Acceptable for All High School Students or ECES only?	CFBISD Course Name	CFB Local ID	High School Credit Earned
Social Studies	World Civilizations I	HIST 2321	3	All	World History Part 1	7911	0.5
Social Studies	World Civilizations II	HIST 2322	3	All	World History Part 2	7911	0.5
Social Studies	Historic Survey of Major Religions	PHIL 1317	3	All	Special Topics in Social Studies (Historic Survey of Major Religions)	0005	0.5
Social Studies	Introduction to Ethics	PHIL 2306	3	All	Business Law A	8265	0.5
Social Studies	Introduction to Psychology	PSYC 2301	3	All	Psychology	7203D	0.5
Social Studies	Lifespan Growth and Development	PSYC 2314	3	All	Human Growth and Development	8274	1
Social Studies	Race, Ethnicity, & Community	SOCI 2319	3	All	Sociology	7201D	0.5
Technology	Basic Computer Aided Drafting	DFTG 1309	3	All	Introduction to Engineering Design	8253	1
Technology	Parametric Modeling and Design	DFTG 1345	3	All	Engineering Science	8260	1
Technology	Advanced Computer-Aided Drafting	DFTG 2332	3	All	Computer Integrated Manufacturing	8251	1
Technology	Engineering Graphics 1	ENGR 1304	3	All	Engineering Design and Presentation A	8254	0.5
Technology	Programming for Engineers	ENGR 2304	3	All	Engineering Design and Presentation B	8254	0.5
Technology	Web Design 1	IMED 1416	4	All	Web Design 1 (Web Design)	8175D	1
Technology	Fundamentals of Networking Technologies	ITNW 1425	4	All	Networking	8178	1
Business	Personal Finance	BUSI 1307	3	ECES Only	Personal Finance (Personal Financial Literacy)	B830	0.5
Business/Technology	Introduction to Computing	COSC 1301	3	ECES Only	Business Information Management I	B800	1
Communications	Composition 1	ENGL 1301	3	ECES Only	English 3A	B100	0.5
Communications	Composition 2	ENGL 1302	3	ECES Only	English 3B	B100	0.5
Communications	British Literature 1	ENGL 2322	3	ECES Only	English 4A	B102	0.5
Communications	British Literature 2	ENGL 2323	3	ECES Only	English 4B	B102	0.5
Communications	Introduction to Speech Communications	SPCH 1311	3	ECES Only	Communications Applications	B260	0.5
Communications	Public Speaking	SPCH 1315	3	ECES Only	Public Speaking 1	B262	0.5
Fine Arts	Art Appreciation	ARTS 1301	3	ECES Only	Art 1	B200	1
Fine Arts	World Dance	DANC 1305	3	ECES Only	World Dance (Principles of Dance I)	B210	0.5
Fine Arts	Piano 1	MUSI 1181	1	ECES Only	Music 1 (Piano)	B220	0.5
Fine Arts	Piano 2	MUSI 1182	1	ECES Only	Music 2 (Piano)	B221	0.5
Fine Arts	Voice 1	MUSI 1183	1	ECES Only	Music 1 (Choir)	B222	0.5
Fine Arts	Guitar 1	MUSI 1192	1	ECES Only	Guitar 1	B224	0.5
Fine Arts	Music Appreciation	MUSI 1306	3	ECES Only	Music Appreciation 1	B226	1
Languages	Beginning French 1	FREN 1411	4	ECES Only	French 1	B308	1



College Subject Area	Dallas College Course Name	Dallas College Course ID	College Credit Earned	ECES Only or Acceptable for All High School Students or ECES only?	CFBISD Course Name	CFB Local ID	High School Credit Earned
Languages	Beginning French 2	FREN 1412	4	ECES Only	French 2	B310	1
Languages	Intermediate French 1	FREN 2311	3	ECES Only	French 3	B312	1
Languages	Intermediate French 2	FREN 2312	3	ECES Only	French 4	B314	1
Languages	Beginning American Sign Language 1	SGNL 1301	3	ECES Only	American Sign Language 1	B316	1
Languages	Beginning American Sign Language 2	SGNL 1302	3	ECES Only	American Sign Language 2	B317	1
Languages	Intermediate American Sign Language 1	SGNL 2301	3	ECES Only	American Sign Language 3	B318	1
Languages	Beginning Spanish 1	SPAN 1411	4	ECES Only	Spanish 1	B300	1
Languages	Beginning Spanish 2	SPAN 1412	4	ECES Only	Spanish 2	B302	1
Languages	Intermediate Spanish 1	SPAN 2311	3	ECES Only	Spanish 3	B304	1
Languages	Intermediate Spanish 2	SPAN 2312	3	ECES Only	Spanish 4	B305	1
Mathematics	College Algebra	MATH 1314	3	ECES Only	College Algebra	B406	1
Mathematics	Plane Trigonometry	MATH 1316	3	ECES Only	Trigonometry	B408	1
Mathematics	Mathematics for Business and Social Sciences	MATH 1324	3	ECES Only	Mathematics for Business and Social Sciences	B400	1
Mathematics	Calculus for Business and Social Sciences	MATH 1325	3	ECES Only	Calculus for Business and Social Sciences	B413	1
Mathematics	Contemporary Mathematics (Quantitative Reasoning)	MATH 1332	3	ECES Only	Contemporary Math (Advanced Quantitative Reasoning)	B402	1
Mathematics	Elementary Statistics	MATH 1342	3	ECES Only	Elementary Statistics	B404	1
Mathematics	Pre-Calculus Math	MATH 2412	4	ECES Only	Pre-Calculus	B410	1
Mathematics	Calculus 1	MATH 2413	4	ECES Only	Independent Study in Calculus I (Pre-Calculus)	B411	1
Mathematics	Calculus 2	MATH 2414	4	ECES Only	Independent Study in Calculus 2	B412	1
Other Elective	Health for Today	PHED 1304	3	ECES Only	Health	B500	0.5
Science	Biology for Science Majors 1	BIOL 1406	4	ECES Only	Biology for Majors Part 1	B602	0.5
Science	Biology for Science Majors 2	BIOL 1407	4	ECES Only	Biology for Majors Part 2	B602	0.5
Science	Biology for Non-Science Majors 1	BIOL 1408	4	ECES Only	Biology for Non-Science Majors Part 1	B600	0.5
Science	Biology for Non-Science Majors 2	BIOL 1409	4	ECES Only	Biology for Non-Science Majors Part 2	B600	0.5
Science	Human Anatomy & Physiology 2	BIOL 2402	4	ECES Only	Anatomy & Physiology	B608	1
Science	Introductory Chemistry 1	CHEM 1405	4	ECES Only	Chemistry	B610	1
Science	General Chemistry 1	CHEM 1411	4	ECES Only	General Chemistry Part 1	B612	0.5

College Subject Area	Dallas College Course Name	Dallas College Course ID	College Credit Earned	ECES Only or Acceptable for All High School Students or ECES only?	CFBISD Course Name	CFB Local ID	High School Credit Earned
Science	General Chemistry 2	CHEM 1412	4	ECES Only	General Chemistry Part 2	B612	0.5
Science	Earth Science 1	GEOL 1401	4	ECES Only	Earth and Space Science Part 1	B630	0.5
Science	Earth Science 2	GEOL 1402	4	ECES Only	Earth and Space Science Part 2	B630	0.5
Science	College Physics 1	PHYS 1401	4	ECES Only	Physics Part 1	B620	0.5
Science	College Physics 2	PHYS 1402	4	ECES Only	Physics Part 2	B620	0.5
Social Studies	Introduction to Criminal Justice	CRIJ 1301	3	ECES Only	Intro to Criminal Justice (Principles of Law, Public Safety, & Security)	B723	1
Social Studies	Crime in America	CRIJ 1307	3	ECES Only	Crime in America (Correctional Services)	B726	1
Social Studies	Principles of Economics 1 - Macroeconomics	ECON 2301	3	ECES Only	Macroeconomics (Free Enterprise)	B710	0.5
Social Studies	Principles of Economics 2 - Microeconomics	ECON 2302	3	ECES Only	Microeconomics	B711	0.5
Social Studies	Federal Government	GOVT 2305	3	ECES Only	US Government (ECES Only)	B714	0.5
Social Studies	Texas Government	GOVT 2306	3	ECES Only	Texas Government (ECES Only)	B712	0.5
Social Studies	History of the United States 1	HIST 1301	3	ECES Only	US History Part 1	B702	0.5
Social Studies	History of the United States 2	HIST 1302	3	ECES Only	US History Part 2	B702	0.5
Social Studies	World Civilizations I	HIST 2321	3	ECES Only	World History Part 1	B704	0.5
Social Studies	World Civilizations II	HIST 2322	3	ECES Only	World History Part 2	B704	0.5
Social Studies	Intro to Philosophy	PHIL 1301	3	ECES Only	Intro to Philosophy	B730	0.5
Social Studies	Intro to World Religions	PHIL 1304	3	ECES Only	Intro to World Religions (Special Topics in Social Studies Second Time Taken)	B732	0.5
Social Studies	Intro to Ethics	PHIL 2306	3	ECES Only	Intro to Ethics (Business Law)	B740	0.5
Social Studies	Introduction to Psychology	PSYC 2301	3	ECES Only	Psychology	B722	0.5
Social Studies	Lifespan Growth and Development	PSYC 2314	3	ECES Only	Human Growth and Development	B721	1
Social Studies	Introduction to Sociology	SOCI 1301	3	ECES Only	Sociology	B720	0.5
Technology	Introduction to Engineering	ENGR 1201	2	ECES Only	Introduction to Engineering (Intro to Engineering Design)	B804	1
Technology	Engineering Graphics 1	ENGR 1304	3	ECES Only	Engineering Graphics 1 (Engineering Design and Presentation Part 1)	B803	0.5
Technology	Programming for Engineers	ENGR 2304	3	ECES Only	Programming for Engineers (Engineering Design and Presentation Part 2)	B803	0.5
Technology	Web Design 1	IMED 1416	4	ECES Only	Web Design 1 (Web Design)	B808	1

College Subject Area	Dallas College Course Name	Dallas College Course ID	College Credit Earned	ECBS Only or Acceptable for All High School Students or ECBS only?	CFBISD Course Name	CFB Local ID	High School Credit Earned
Technology	Fundamentals of Networking Technologies	ITNW 1425	4	ECBS Only	Fundamentals of Networking Technologies (Networking)	B810	1
Technology	Introduction to Presentation Graphics Software	ITSW 1410	4	ECBS Only	Introduction to Presentation Graphics Software (Digital Media)	B812	1

## 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 *Honors*, *Advanced Placement (AP)*, *International Baccalaureate*, *Dual Credit* and *Dual Enrollment* 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. Dual credit courses listed in the chart under that heading in this High School Planning Guide are also identified in CFBISD as advanced courses and fall under these guidelines.

Students earning grades between 60-70 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:

1. Are not a disciplinary concern
2. Do not have multiple zeroes in an advanced course
3. Have made a "good faith" effort to earn a passing grade in an advanced course by attending all required tutorials and utilizing retest opportunities

English 1 Honors & GT/Honors  
English 2 Honors & GT/Honors  
English 3 AP English Language & Composition  
English 4 AP English Literature & Composition  
IB English 3  
IB English 4  
UT On Ramps English 4

Geometry Honors  
Algebra 2 Honors  
College Algebra/Trig  
UT OnRamps College Algebra  
Pre Calculus OnLevel & Honors  
UT On Ramps Pre-Calculus  
AP Calculus AB & BC  
AP Statistics  
IB Math Applications & Interpretations  
IB Math Analysis & Approaches 1  
IB Math analysis & Approaches 2

Biology Honors  
AP Biology  
Chemistry Honors  
AP Chemistry  
IB Chemistry 1  
IB Chemistry 2  
Physics OnLevel & Honors  
AP Physics  
AP Physics C Electricity & Magnetism  
AP Physics C Mechanics  
IB Physics 1  
IB Physics 2

UT On Ramps Physics  
UT OnRamps Earth Wind Fire  
AP Environmental Science  
Anatomy and Physiology

World Geography Honors  
Human Geography AP & IB  
World History Honors  
World History AP & IB  
AP U.S. History  
IB History of the Americas I  
IB History of the Americas II  
UT On Ramps U.S. History  
AP Economics Macro & Micro  
AP Government  
AP Psychology  
PreAP Psychology  
AP European History

AP Computer Science 1A  
AP Computer Science Principles  
Computer Science  
Technology Applications  
Independent Study  
Academy AP Computer Science I

French 3 Honors  
French 4 AP  
French 5 AP  
IB French 4  
IB French 5  
Japanese 3 Honors  
Japanese 4 AP Language  
Japanese 5 AP Literature  
Spanish 3 Honors & Native Speakers Honors

Spanish 4 Honors & Native Speakers Honors  
Spanish 5 Honors & Native Speakers Honors  
Spanish 4 AP Language  
Spanish 5 AP Literature  
IB Spanish 4  
IB Spanish 5  
Chinese 3 Honors  
Chinese 4 AP Language

IB Art/Design I  
IB Art/Design II  
AP Art History  
AP Studio Art/2-D Design Portfolio  
AP Studio Art/3-D Design Portfolio  
AP Studio Art/Drawing Portfolio  
IB Music  
AP Music Theory  
IB Theatre I  
IB Theatre II

IB Theory of Knowledge  
Principles of Biosciences  
Biotechnical Engineering  
Civil Engineering and Architecture  
Introduction to Engineering Design  
Principles of Applied Engineering  
Digital Electronics  
Engineering Design and Presentation  
Engineering Design and Problem Solving  
Robotics 1  
Robotics 2

## Texas Education Agency (TEA) Information

### GRADUATION TOOL KIT

The 2020 Grad Toolkit, a TEA-produced brochure for high school students and their families, provides details about the Foundation High School Program, benefits and explanation of the Distinguished Level of achievement option, endorsement choices, checklists and resources.

[https://tea.texas.gov/sites/default/files/Graduation Toolkit 2020%20English%20Website.pdf](https://tea.texas.gov/sites/default/files/Graduation_Toolkit_2020%20English%20Website.pdf)

### PROGRAMS OF STUDY

The CFB Programs of Study initiative is designed to help students plan for their future. The pathways concept is incorporated and aligned into our personal graduation planning process. The Texas CTE initiative helps students develop a personal graduation plan 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 relevancy and integrate meaning into the delivery of core skills in math, science, social studies, and English.



The district has adopted 14 of the Texas Education Agency's (TEA) 16 programs of study, which are organized around broad career fields. With the help of career assessments, careful consideration and discussion, each student can identify specific career pathways that match their interests and desired skills. When one or more pathways appears interesting, students should look carefully at the possible degrees, careers and working conditions associated with these area(s).

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.

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

<https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/approved-cte-programs-of-study>

# NCAA Information

The National Collegiate Athletic Association (NCAA) is an organization dedicated to providing a pathway to opportunity for college athletes. Additional information regarding how to plan for participation in collegiate athletics can be found at

[http://fs.ncaa.org/Docs/eligibility\\_center/Student\\_Resources/CBSA.pdf](http://fs.ncaa.org/Docs/eligibility_center/Student_Resources/CBSA.pdf)

## DIVISION I FACT SHEET

**NCAA Eligibility Center**

### DIVISION I ACADEMIC REQUIREMENTS

College-bound student-athletes enrolling at an NCAA Division I school need to meet the following academic requirements to practice, compete and receive an athletics scholarship in their first year of full-time enrollment.

**Core-Course Requirement**  
Complete 16 core courses in the following areas:

COURSE CATEGORY	COURSES	REQUIREMENT
ENGLISH	4 years	4 years
MATH (Algebra I or higher)	3 years	3 years
NATURAL/PHYSICAL SCIENCE (including one year of lab, 2 additional)	2 years	2 years
ADDITIONAL (English, math or natural/physical science)	1 year	1 year
SOCIAL SCIENCE	2 years	2 years
ADDITIONAL COURSES (they may select the last two, foreign language or computer science/programming)	4 years	4 years

**FULL QUALIFIER**

- Complete 16 core courses.
- Ten of the 16 core courses must be completed before the seventh semester (prior year) of high school.
- Seven of the 10 core courses must be in English, math or natural/physical science.
- Earn a core-course GPA of at least 2.000.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

**ACADEMIC REDSHIRT**

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

**Full Qualifier**  
College-bound student-athletes may practice, compete and receive an athletics scholarship during their first year of full-time enrollment at an NCAA Division I school.

**Academic Redshirt**  
College-bound student-athletes may receive an athletics scholarship during their first year of full-time enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

**Nonqualifier**  
College-bound student-athletes will not be able to practice, compete or receive an athletics scholarship during their first year of full-time enrollment at an NCAA Division I school.

**International Students**  
Please review the [international initial-eligibility flyer](#) for information and academic requirements specific to international student-athletes.



### Test Scores

If a student plans to attend an NCAA Division I college or university in the 2019-20 or 2020-21 academic years, use the following charts to understand the core-course GPA he or she will need to meet NCAA Division I requirements.

A combined SAT score is calculated by adding critical reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. A student may take the SAT or ACT an unlimited number of times before he or she enrolls full time in college. If a student takes either test more than once, the best subscores from each test are used for the academic certification process.

When a student registers for the SAT or ACT, he or she can use the NCAA Eligibility Center code of 9999 to send their scores directly to the NCAA Eligibility Center from the testing agency. Test scores on transcripts **CANNOT** be used in an academic certification.

DIVISION I FULL QUALIFIER SLIDING SCALE			DIVISION I FULL QUALIFIER SLIDING SCALE		
Core GPA	SAT*	ACT Sum*	Core GPA	SAT*	ACT Sum*
3.550	400	37	2.750	810	59
3.525	410	38	2.725	820	60
3.500	430	39	2.700	830	61
3.475	440	40	2.675	840	61
3.450	460	41	2.650	850	62
3.425	470	41	2.625	860	63
3.400	490	42	2.600	880	64
3.375	500	42	2.575	870	65
3.350	520	43	2.550	880	66
3.325	530	44	2.525	890	67
3.300	550	44	2.500	900	68
3.275	560	45	2.475	910	69
3.250	580	46	2.450	920	70
3.225	590	46	2.425	930	70
3.200	600	47	2.400	940	71
3.175	620	47	2.375	950	72
3.150	630	48	2.350	960	73
3.125	650	49	2.325	970	74
3.100	660	49	2.300	980	75
3.075	680	50	2.299	990	76
3.050	690	50	2.275	990	76
3.025	710	51	2.250	1000	77
3.000	720	52	2.225	1010	78
2.975	730	52	2.200	1020	79
2.950	740	53	2.175	1030	80
2.925	750	53	2.150	1040	81
2.900	750	54	2.125	1050	82
2.875	760	55	2.100	1060	83
2.850	770	56	2.075	1070	84
2.825	780	56	2.050	1080	85
2.800	790	57	2.025	1090	86
2.775	800	58	2.000	1100	86

\*Final concordance research between the new SAT and ACT is ongoing.

ACADEMIC REDSHIRT

## DIVISION II FACT SHEET

**NCAA Eligibility Center**

### DIVISION II ACADEMIC REQUIREMENTS

College-bound student-athletes enrolling at an NCAA Division II school need to meet the following academic requirements to practice, compete and receive an athletics scholarship in their first year of full-time enrollment.

**Core-Course Requirement**  
Complete 16 core courses in the following areas:

COURSE CATEGORY	COURSES	REQUIREMENT
ENGLISH	3 years	3 years
MATH (Algebra I or higher)	2 years	2 years
NATURAL/PHYSICAL SCIENCE (including one year of lab, 2 additional)	2 years	2 years
ADDITIONAL (English, math or natural/physical science)	3 year	3 year
SOCIAL SCIENCE	2 years	2 years
ADDITIONAL COURSES (they may select the last two, foreign language or computer science/programming)	4 years	4 years

**FULL QUALIFIER**

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division II full qualifier sliding scale (see back page).
- Graduate high school.

**PARTIAL QUALIFIER**

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division II partial qualifier sliding scale (see back page).
- Graduate high school.

**Full Qualifier**  
College-bound student-athletes may practice, compete and receive an athletics scholarship during their first year of full-time enrollment at an NCAA Division II school.

**Partial Qualifier**  
College-bound student-athletes may receive an athletics scholarship during their first year of enrollment and may practice during their first year of full-time enrollment at a Division II school, but may NOT compete.

**Nonqualifier**  
College-bound student-athletes will not be able to practice, compete or receive an athletics scholarship during their first year of full-time enrollment at an NCAA Division II school.

**International Students**  
Please review the [international initial-eligibility flyer](#) for information and academic requirements specific to international student-athletes.



DIVISION II FULL QUALIFIER SLIDING SCALE			DIVISION II PARTIAL QUALIFIER SLIDING SCALE		
Core GPA	SAT*	ACT Sum*	Core GPA	SAT*	ACT Sum*
3.300 & above	400	37	3.050 & above	400	37
3.275	410	38	3.025	410	38
3.250	430	39	3.000	430	39
3.225	440	40	2.975	440	40
3.200	460	41	2.950	460	41
3.175	470	41	2.925	470	41
3.150	490	42	2.900	490	42
3.125	500	42	2.875	500	42
3.100	520	43	2.850	520	43
3.075	530	44	2.825	530	44
3.050	550	44	2.800	550	44
3.025	560	45	2.775	560	45
3.000	580	46	2.750	580	46
2.975	590	46	2.725	590	46
2.950	600	47	2.700	600	47
2.925	620	47	2.675	620	47
2.900	630	48	2.650	630	48
2.875	650	49	2.625	650	49
2.850	660	49	2.600	660	49
2.825	680	50	2.575	680	50
2.800	690	50	2.550	690	50
2.775	710	51	2.525	710	51
2.750	720	52	2.500	720	52
2.725	730	52	2.475	730	52
2.700	740	53	2.450	740	53
2.675	750	53	2.425	750	53
2.650	750	54	2.400	750	54
2.625	760	55	2.375	760	55
2.600	770	56	2.350	770	56
2.575	780	56	2.325	780	56
2.550	790	57	2.300	790	57
2.525	800	58	2.275	800	58
2.500	810	59	2.250	810	59
2.475	820	60	2.225	820	60
2.450	830	61	2.200	830	61
2.425	840	61	2.175	840	61
2.400	850	62	2.150	850	62
2.375	860	63	2.125	860	63
2.350	860	64	2.100	860	64
2.325	870	65	2.075	870	65
2.300	880	66	2.050	880	66
2.275	890	67	2.025	890	67
2.250	900	68	2.000	900	68 & above
2.225	910	69			
2.200	920	70 & above			

\*Final concordance research between the new SAT and ACT is ongoing.

### Test Scores

If a student plans to attend an NCAA Division II college or university in the 2019-20 or 2020-21 academic years, use the following charts to understand the core-course GPA he or she will need to meet NCAA Division II requirements.

A combined SAT score is calculated by adding critical reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. A student may take the SAT or ACT an unlimited number of times before he or she enrolls full time in college. If a student takes either test more than once, the best subscores from each test are used for the academic certification process.



## Sample High School Four-Year Plan Worksheet

This four-year plan worksheet is intended to give you and your parent(s) a guide to use as you progress through high school. Review the plan each year to ensure you are taking the required courses for graduation. Consult your counselor for the Career and Technical Education (CTE) Programs of Study offered for each of the endorsements on this page. You may use the CTE Programs of Study and College, Career and Military Readiness (CCMR) indicators to help you select courses that support your college and career goals.

### After high school, I plan to:

- ☐ Attend a 4-year university to earn a bachelor's degree
- ☐ Attend a 2-year college to later transfer to university
- ☐ Attend a 2-year college to earn an associate's degree
- ☐ Attend a 2-year college or technical school to earn a certification
- ☐ Work part time while attending college
- ☐ Work full time
- ☐ Join the military
- ☐ Other \_\_\_\_\_

### The endorsement I have selected is: (You may earn more than one)

- ☐ Arts and Humanities
- ☐ Business and Industry
- ☐ Multidisciplinary Studies
- ☐ Public Service
- ☐ STEM (Science, Technology, Engineering and Math)

### The CTE program of study I have selected is:

### A CTE certification/license I may earn in this program is:

### Graduation Plans

	Foundation	Endorsement	Distinguished
Subject	Credits	Credits	Credits
English	4		
Math	3	+1	Including Alg. II
Science	3	+1	
Social Studies	4		
Languages other than English	2		
Fine Arts	1		
Physical Ed.	1		
Electives (w/Health)	4	+2	
Endorsement		+4	
<b>Total Credits for Graduation</b>	<b>22</b>	<b>26</b>	<b>26</b>

### Additional Graduation Requirements

<b>Meet passing standard on these End-of-Course (EOC) Exams</b>				
<input type="checkbox"/> English I	<input type="checkbox"/> English II	<input type="checkbox"/> Algebra I	<input type="checkbox"/> Biology	<input type="checkbox"/> US History
<b>Speech</b>				
<input type="checkbox"/> Passing Grade in English II Course, First Semester				
<b>Instruction on Proper Interaction with Peace Officers</b>				
<input type="checkbox"/> Participation in the required activity within World Geog. course				
<b>Instruction in Cardiopulmonary Resuscitation (CPR)</b>				
<input type="checkbox"/> Completion of assigned activity in high school advisory class				
<b>Submit College Financial Aid App. after Oct. 1<sup>st</sup> Sr. year, before graduation</b>				
<input type="checkbox"/> Free Application for Federal Student Aid (FAFSA) or				
<input type="checkbox"/> Texas Application for State Financial Aid (TASFA) or				
<input type="checkbox"/> Signed opt-out form from your school counselor				

### Create Your Sample Foundation High School Plan with Endorsement

Courses	8 <sup>th</sup> Grade (Courses for HS Credit)	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade	Total
English						
*Math						
Science						
Social Studies						
Languages						
Fine Arts						
Physical Ed.						
Electives						
						<b>26 Credits</b>

\*Distinguished Level of Achievement (DLA), which requires four credits in math including **Algebra II**, is required to be admitted to a Texas public university under the Top 10% automatic admission policy. DLA also requires four credits in science and successful completion of an endorsement, and it makes you a more competitive applicant at selective colleges and universities.

### Additional Advanced Achievement Indicators

Performance Acknowledgments			
Dual Credit Courses	Bilingualism/Biliteracy	Assessment Scores	Industry Certification/License
<input type="checkbox"/> Earn 12 College credit hours. w/grade of 3.0+, or <input type="checkbox"/> Earn an associate's degree while in high school	Complete all ELA requirements with a min. GPA of 80 <b>AND add one</b> of the following: <input type="checkbox"/> Level 4+ World Lang. w/GPA 80+, or <input type="checkbox"/> 3 cr. in World Lang. w/GPA of 80+, or <input type="checkbox"/> AP World Lang. score of 3+ or IB World Lang. score of 4+ <b>English Lang. Learners must also:</b> <input type="checkbox"/> Participate and meet exit criteria for a bilingual or ESL program, <b>AND</b> <input type="checkbox"/> Score Adv. High Level on TELPAS	<input type="checkbox"/> PSAT score of commended or higher, or <input type="checkbox"/> College Benchmark score on three out of five subject tests on the ACT-Aspire, or <input type="checkbox"/> SAT 1250-Reading/Math combined, or <input type="checkbox"/> ACT score of 28 w/o Writing, or <input type="checkbox"/> AP exam score of 3 or higher, or <input type="checkbox"/> IB exam score of 4 or higher	<input type="checkbox"/> Obtain a business or industry certification

College, Career and Military Readiness
<input type="checkbox"/> For <b>BOTH</b> ELAR and Math: meet benchmark score on SAT, ACT, or TSIA, <b>OR</b> pass CFB's approved College Preparatory course in ELAR or Math <input type="checkbox"/> Earn 3 hours of dual credit in English Language Arts or Mathematics, or 9 hours in any subject <input type="checkbox"/> Earn a score of 3 or higher on any AP exam or a score of 4 or higher on an IB exam <input type="checkbox"/> Earn an associate's degree while in high school <input type="checkbox"/> Complete a UT OnRamps dual enrollment course and qualify for at least three hours of university credit in any subject <input type="checkbox"/> Earn one of the Industry-Based Certifications (IBC) listed on Texas Education Agency's approved list <input type="checkbox"/> Graduate receiving special education services and receiving a graduation plan code of 04, 05, 54, or 55, or graduate with FHSP w/endorsement or DLA <input type="checkbox"/> Enlist in the U.S. Army, Navy, Air Force, Coast Guard, or Marines and earn a passing ASVAB score for the branch enlisted



Courses are listed by Subject. Most courses are considered “State Credits” that are earned toward the graduation requirements. Where that is not the case, “(Local)” has been listed out next to the Credit description.

Not all courses listed within these pages are offered at all campuses subject to teacher availability, student interest, and curriculum changes that may occur after the publication of this guide.



# ENGLISH LANGUAGE ARTS

All students must complete four credits of English Language Arts for graduation.

The first three credits must be from English 1, English 2, and English 3.



## English 1

- OnLevel
- Honors
- Honors/GT
- ESOL
- iLIT
- PAS
- Fundamentals
- Applied
- Developmental



## English 2

- OnLevel
- Honors
- Honors/GT
- ESOL
- iLIT
- PAS
- Fundamentals
- Applied
- Developmental



## English 3

- OnLevel
- AP
- IB
- PAS
- Fundamentals
- Applied
- Developmental

The fourth credit may be from English 4 or a variety of Advanced ELA courses.



## English 4

- OnLevel
- AP
- IB
- OnRamps
- Dual Credit
- PAS
- Fundamentals
- Applied
- Developmental



## Advanced ELA

- College Prep English
- Creative Writing
- Research/Technical Writing
- Practical Writing Skills
- Business English (CTE)
- Independent Study in ELA

Students may also select Advanced ELA or ELA support courses as an Elective. These courses earn state elective credits toward graduation.

## ELA Support

- Reading
- English Language Development & Acquisition (ELDA)
- English Plus (local credit)
- iLIT

## **ENGLISH 1**

3220100

The English 1 course 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. *EOC TESTED SUBJECT.*

### **1010 English 1**

GRADE PLACEMENT: 9

CREDIT: 1 UNIT

### **1070 Honors English 1**

GRADE PLACEMENT: 9

CREDIT: 1 UNIT

GPA: +5 points on weighted GPA

Extends curriculum of English I with more depth and complexity. Strong attention will be given to the development of composition and critical reading skills. Vocabulary development and outside reading will complement each unit of study. All literature study will be supported by a writing component.

### **1015 GT/Honors English 1**

GRADE PLACEMENT: 9

PREREQUISITE: GT Identified

TAKEN WITH: 7982 AP Human Geography

CREDIT: 1 UNIT

GPA: +5 points on weighted GPA

Offers an interdisciplinary curriculum of Honors 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.

### **1912 English 1 for Speakers of Other Languages (ESOL I) 3200600**

GRADE PLACEMENT: 9

PREREQUISITE: LPAC Placement

CREDIT: 1 UNIT

Specifically designed instruction using ESL methodology for students who are at the beginner or intermediate language proficiency levels

### **1613 iLit**

3270700 & 3220100

GRADE PLACEMENT: 9-10

PREREQUISITE: Test Scores

CREDIT: 1 UNIT Reading; 1 UNIT English

Provides systematic instruction to improve achievement levels in reading, writing, and vocabulary. This is an intensive reading intervention program and has been proven effective for those students needing additional support in reading. The iLit 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.

### **0300 PAS English 1**

GRADE PLACEMENT: 9

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

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.

### **9401 Fundamentals of English 1**

GRADE PLACEMENT: 9

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Focuses on language skills and reading concepts that are based on the modified content of the TEKS.

**9201 Applied English 1**

3220107

GRADE PLACEMENT: 9

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Aligned with content modifications stipulated by the students IEP.

**9101 Developmental English 1**

3220107

GRADE PLACEMENT: 9

PREREQUISITE: ARD Placement, only at RLT

CREDIT: 1 UNIT

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

**ENGLISH 2**

3220200

The English 2 course 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. *EOC TESTED SUBJECT.*

**1151 English 2**

GRADE PLACEMENT: 10

PREREQUISITE: English 1

CREDIT: 1 UNIT

**1171 Honors English 2**

GRADE PLACEMENT: 10

PREREQUISITE: English 1

CREDIT: 1 UNIT

GPA: +5 points on weighted GPA

Extends the curriculum of English 2 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.

**1115 GT/Honors English 2**

GRADE PLACEMENT: 10

PREREQUISITE: GT Identified

TAKEN WITH: 7975 AP World History

CREDIT: 1 UNIT

GPA: +5 on weighted GPA

Provides an interdisciplinary approach integrating Honors English 2 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.

**1913 English 2 for Speakers of Other Languages (ESOL 2) 3200700**

GRADE PLACEMENT: 10

PREREQUISITE: Beginner or Intermediate English Language Proficiency

CREDIT: 1 UNIT

Provides instruction in the English 2 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.

**0302 PAS English 2**

GRADE PLACEMENT: 10

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

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.

**9402 Fundamentals of English 2**

GRADE PLACEMENT: 10

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Provides an integrated study focusing on the English II TEKS as modified by the individual student's IEP.

**9202 Applied English 2**

3220207

GRADE PLACEMENT: 10

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

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 2**

3220207

PREREQUISITE: ARD Placement, only at RLT

CREDIT: 1 UNIT

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

**ENGLISH 3**

3220300

The English 3 course 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.

**1210 English 3**

GRADE PLACEMENT: 11

PREREQUISITE: English 2

CREDIT: 1 UNIT

**1221 AP English 3 – English Language & Composition** A3220100

GRADE PLACEMENT: 11

PREREQUISITE: English 2

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Recommended

FEES: Textbook and other fees may apply  
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.

**1403 IB English 3 (HL)**

I3220800

GRADE PLACEMENT: 11

PREREQUISITE: GT/Honors English 2, IB Diploma Programme, only at RHS

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Optional

IB Assessments: Recommended

FEES: Textbook and other fees may apply  
Explores an intensive study of world literature and transcendent global themes. Ideally suited for the gifted/advanced student. Research projects are required. Fulfills 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.

### **0304 PAS English 3**

GRADE PLACEMENT: 11

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

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.

## **ENGLISH 4**

3220400

The English 4 course 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.

### **1310 English 4**

GRADE PLACEMENT: 12

PREREQUISITE: English 3

CREDIT: 1 UNIT

### **1979 AP English 4 – Literature & Composition** A3220200

GRADE PLACEMENT: 12

PREREQUISITE: English 3

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Recommended

FEES: Textbook and other fees may apply

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

### **9403 Fundamentals of English 3**

GRADE PLACEMENT: 11

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Provides an integrated study focusing on the English III TEKS as modified by the individual student's IEP.

### **9203 Applied English 3**

GRADE PLACEMENT: 11

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

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

### **9103 Developmental English 3**

PREREQUISITE: ARD Placement, only at RLT

CREDIT: 1 UNIT

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

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.

### **1404 IB English 4 (HL)**

I3220800

GRADE PLACEMENT: 12

PREREQUISITE: IB Diploma Programme or IB English 3, only at RHS

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Optional

IB Assessments: Required  
FEES: Textbook and other fees may apply  
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. Fulfills 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.

#### **1320 OnRamps English 4 – Rhetoric**

GRADE PLACEMENT: 12  
PREREQUISITE: English 2 and English 3  
CREDIT: 1 UNIT  
COLLEGE CREDIT: Optional  
GPA: +9 on weighted GPA  
FEES: Textbook and other fees may apply  
Over the course, students analyze the various positions held in any public debate and learn to advocate their own positions effectively in a series of case studies regarding race, gender, and ethnicity. In the fall, students explore the ethics of argumentation and what it means to “fairly” represent someone with whom they disagree. By the spring, students are ready to analyze and compose arguments about American identity and identity formation, both personal and cultural. The goal is to foster students' abilities to analyze arguments presented by others and to write sound and effective arguments of their own — abilities that contribute meaningfully to their academic, professional, personal, and civic lives.

#### **0306 PAS English 4**

PREREQUISITE: ARD Placement  
GRADE PLACEMENT: 12  
CREDIT: 1 UNIT  
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.

#### **9404 Fundamentals of English 4**

GRADE PLACEMENT: 12  
PREREQUISITE: ARD Placement  
CREDIT: 1 UNIT  
Provides an integrated study focusing on the English IV TEKS as modified by the individual student's IEP.

#### **9204 Applied English 4**

GRADE PLACEMENT: 12  
PREREQUISITE: ARD Placement  
CREDIT: 1 UNIT  
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 4**

PREREQUISITE: ARD Placement, only at RLT  
CREDIT: 1 UNIT  
Individualized instruction that emphasizes communication for students with severe cognitive and physical disabilities.

## ADVANCED ELA

These courses may be taken to satisfy the fourth English credit required for graduation or, if English 4 is taken as that fourth credit, these courses may be taken as state elective credits toward an Arts & Humanities Endorsement.

### 1324 College Prep English

CP110100

GRADE PLACEMENT: 12

CREDIT: 1 UNIT

This course is intended for 12th grade students whose performance on an EOC exam does not meet college readiness standards; or coursework, college entrance exam, or higher education screener indicated the student is not ready for college-ready coursework. It is designed to help students meet college entrance requirements (TSI testing) and to be ready for entry-level college ELA coursework. Students will engage in a concentrated study of analytical reading and writing processes to prepare for career and college opportunities.

*\*This course is not typically considered "advanced ELA" beyond the high school level which may impact NCAA eligibility. Check with your perspective college/university about their English course requirements.*

### Creative Writing

3221200

GRADE PLACEMENT: 9-12

CREDIT: ½ or 1 CREDIT

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.

**1154 Creative Writing** – semester

**1156 Creative Writing** – full year

### 1322 Research/Technical Writing

3221100

GRADE PLACEMENT: 12

CREDIT: 1/2 UNIT

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 student's 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

03221300

GRADE PLACEMENT: 12

CREDIT: 1/2 UNIT

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.

**8321 Business English (CTE)**

13011600

GRADE PLACEMENT: 12

CREDIT: 1 UNIT

In Business English, students enhance communication and research skills by applying them to the business environments, in addition to exchanging information and producing properly formatted business documents using emerging technology.

**1321 Independent Study in English**

3221800

GRADE PLACEMENT: 12

CREDIT: 1 UNIT

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



## ELA SUPPORT

These courses are designed to support the ELA Learner who may have gaps in performance on ELA skill tests or diagnostic assessments. Credits earned from these courses do not satisfy the required ELA credits needed for graduation. They can be elective credits only and are not applied to an endorsement.

### READING

GRADE PLACEMENT: 9-12

PREREQUISITE: Does Not Meet Grade Level on STAAR Reading or ARD Placement

CREDIT: 1 UNIT

Emphasizes individual improvement in reading comprehension, vocabulary development, reading rate, study skills, listening skills, and reading for pleasure. through a combination of instructional, modeled, and independent reading components. Suggested as an appropriate elective for students having difficulty mastering the STAAR reading subtest or who are two or more years below grade level in reading skills.

Fundamental and Applied Reading courses are adapted to meet the needs outlined in student's IEP; students will focus on reading comprehension, vocabulary development, and reading fluency based on modified content of the TEKS. These courses may be a substitute for World Language credit requirement.

**1609 Reading I** 3270700

**1610 Reading II** 3270800

**1611 Reading III** 3270900

**1617 Fundamentals of Reading I** 3270700

**1618 Fundamentals of Reading II** 3270800

**1619 Fundamentals of Reading III** 3270900

**9206 Applied Reading I** 3270700

**9207 Applied Reading II** 3270800

### **1914 English Language Development & Acquisition (ELDA)** 3200800

GRADE PLACEMENT: 9-12

PREREQUISITE: 12 months or less in US Schools, OLPT = LEVEL 0.1

TAKEN WITH: Eng 1 or Eng 2 (ESOL or OnLevel)

CREDIT: 1 UNIT

Provides a year-long course of instructional support for students with little or no English proficiency. Students may take this course with a different corequisite for a maximum of two credits.

### **ENGLISH PLUS**

84000205

GRADE PLACEMENT: 12

PREREQUISITES: ARD Placement

CREDIT: 1 UNIT (Local)

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.


**9205 APPLIED ENGLISH PLUS**

**9105 DEVELOPMENTAL ENGLISH PLUS**, only at RLT

# MATHEMATICS


All students must complete three credits of Mathematics for graduation. We encourage all students to complete a fourth year as that is required for any endorsement offered.

The first three credits must be from Algebra 1, Geometry, and Algebra 2 (or Math Models followed by Algebra 2 with counselor approval).




**Algebra 1**

- OnLevel
- PAS
- Fundamental
- Applied
- Developmental



**Geometry**

- OnLevel
- Honors
- PAS
- Fundamental
- Applied
- Developmental




**Algebra 2**

- OnLevel
- Honors
- PAS
- Fundamental
- Applied
- Developmental

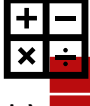
• Math Models is offered as OnLevel, Fundamental, Applied, & Developmental

The fourth credit may be from a variety of Advanced Mathematics or alternate courses.




**Other Advanced Maths**

- Advanced Quantitative Reasoning
- PreCalculus
- OnLevel
- Honors
- PreIB Honors



**OnRamps/Dual Credit**

- OnRamps
- College Algebra
- PreCalculus
- Dual Credit
- College Algebra
- Trigonometry
- Calculus 3
- Differential Equations



**AP/IB**

- AP
- Calculus AB
- Calculus BC
- Statistics
- IB
- Math Analysis & Approaches (SL)
- Math Applications & Interpretations (HL)

Alternate courses that can be a fourth credit of math include the following courses.

**Alternate Maths**

- College Prep Math
- Applied Mathematics for Technical Careers
- Math Plus is offered as App & Dev for Local Credit only
- Statistics & Business Decision Making (CTE)
- Digital Electronics (CTE)
- Accounting 2 (CTE)
- AP Computer Science A (CTE)

## **ALGEBRA 1**

3100500

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. **EOC TESTED SUBJECT.**

### **4650 Algebra 1**

GRADE PLACEMENT: 9

CREDIT: 1 UNIT

### **0326 PAS Algebra 1**

GRADE PLACEMENT: 9-12

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Instructional techniques will vary to accommodate the student's IEP/BIP.

### **9411 Fundamentals of Algebra 1**

GRADE PLACEMENT: 9

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Content is modified by the individual student's IEP.

### **9211 Applied Algebra 1**

3100507

GRADE PLACEMENT: 9

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

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 1**

3100507

PREREQUISITE: ARD Placement, only at RLT

CREDIT: 1 UNIT

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

## **GEOMETRY**

3100700

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 and technology programs will be used extensively in this course.

### **4670 Geometry**

GRADE PLACEMENT: 9 - 10

CREDIT: 1 UNIT

### **4680 Honors Geometry**

GRADE PLACEMENT: 9 - 10

CREDIT: 1 UNIT

GPA: +5 on weighted GPA

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.

### **0330 PAS Geometry**

GRADE PLACEMENT: 10

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Instructional techniques will vary to accommodate the student's IEP/BIP.

### **9412 Fundamentals of Geometry**

GRADE PLACEMENT: 10

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Content is modified by the individual student's IEP.

**9212 Applied Geometry**

GRADE PLACEMENT: 10

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

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

**9112 Developmental Geometry**

PREREQUISITE: ARD Placement, only at RLT

CREDIT: 1 UNIT

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

**MATHEMATICS MODELS WITH APPLICATIONS**

3102400

This course 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. Math Models provides a path for students to succeed in Algebra 2.

**4710 Mathematics Models**

GRADE PLACEMENT: 10-11

CREDIT: 1 UNIT

**0311 PAS Math Models**

GRADE PLACEMENT: 11-12

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Instructional techniques will vary to accommodate the student's IEP/BIP.

**9413 Fundamentals of Math Models**

GRADE PLACEMENT: 11

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Content is modified as stipulated by student's IEP.

**9213 Applied Math Models**

GRADE PLACEMENT: 11

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

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**

PREREQUISITE: ARD Placement, only at RLT

CREDIT: 1 UNIT

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

**ALGEBRA 2**

3100600

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.

**4690 Algebra 2**

GRADE PLACEMENT: 9 - 12

PREREQUISITE: Alg 1 &amp; Geom

CREDIT: 1 UNIT

**4700 Honors Algebra 2**

GRADE PLACEMENT: 9 - 12

PREREQUISITE: Algebra I and Geometry

CREDIT: 1 UNIT

GPA: +5 on weighted GPA

The concepts of Trigonometry are an integral part within the units of study in this

level of the course. Students are expected to enroll in Pre-calculus the following year.

### **0332 PAS Algebra 2**

GRADE PLACEMENT: 11

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Instructional techniques will vary to accommodate the student's IEP/BIP.

### **9415 Fundamentals of Algebra 2**

GRADE PLACEMENT: 11

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Content is modified as stipulated by student's IEP.

### **9213 Applied Algebra 2**

GRADE PLACEMENT: 11

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

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 Algebra 2**

PREREQUISITE: ARD Placement, only at RLT

CREDIT: 1 UNIT

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

## **OTHER ADVANCED MATH COURSES**

### **4796 Advanced Quantitative Reasoning**

3102510

GRADE PLACEMENT: 12

PREREQUISITE: Algebra 2

CREDIT: 1 UNIT

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.

### **PRE-CALCULUS**

3101100

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.

### **4769 Pre-Calculus**

GRADE PLACEMENT: 10-12

PREREQUISITE: Geometry and Algebra 2

CREDIT: 1 UNIT

enroll in Calculus upon successful completion of this course.

### **4770 Honors Pre-Calculus**

GRADE PLACEMENT: 10-12

PREREQUISITE: Geometry and Algebra 2

CREDIT: 1 UNIT

GPA: +5 on weighted GPA

This course will provide a bridge to Advanced Placement Calculus AB or Calculus BC. Students are expected to

### **1414 PrelB Honors Pre-Calculus**

GRADE PLACEMENT: 10-12

PREREQUISITE: Geometry and Algebra 2, only at RHS

CREDIT: 1 UNIT

GPA: +5 on weighted GPA

PrelB Honors Pre-Calculus is intended to prepare the highly motivated, advanced student for future IB level coursework.

## ONRAMPS/DUAL CREDIT MATH COURSES

### ONRAMPS MATH COURSES

GRADE PLACEMENT: 11-12

PREREQUISITE: Algebra 2

CREDIT: 1 UNIT each course

COLLEGE CREDIT: 3 HRS each

GPA: +9 on weighted GPA

FEES: Textbook and other fees may apply

#### **4788 OnRamps College Algebra**

3102500

Students deepen their critical thinking skills and develop their ability to persist through challenges as they explore function families. Students analyze data algebraically and with little to no technology while developing their knowledge of properties of functions, matrices and systems of equations, and complex numbers. The pedagogy of the course, Inquiry-Based Learning, encourages students to take an active role in the construction of their learning. This learning will be accomplished by abstraction, generalization, problem-solving, derivation of formulas, and modeling.

#### **4772 OnRamps Pre-Calculus**

3101100

Students will deepen and extend their knowledge of functions, graphs, and equations from their high school algebra and geometry courses so they can successfully work with the concepts in a rigorous university-level calculus course. This course is designed to push students well beyond "drill and kill" type exercises, with an emphasis on unpacking mathematical definitions and making logical arguments to their peers. The course is divided into seven units. Each unit consists of a series of explorations designed to engage students and empower them to develop their problem-solving skills. In each exploration, students will create connections with prior concepts in developing the current topic.

### DUAL CREDIT MATH COURSES

GRADE PLACEMENT: 11-12

PREREQUISITE: Acceptance to Dallas

College <https://www.dcccd.edu/high-school-students/dual-credit/pages/default.aspx>

CREDIT: 1 UNIT each semester

COLLEGE CREDIT: 3 HRS each

GPA: no impact

FEES: Textbook and other fees may apply

#### **4783D Dual Credit College Algebra**

IHE11100

PREREQUISITE: Algebra 2

Reviews skills in intermediate algebra and further develops rational expressions, roots, exponents and radicals. Other topics include complex numbers, systems of equations and inequalities, theory of equations, progressions, the binomial theorem, proofs, and applications.

#### **4793D Dual Credit Trigonometry**

3102501

PREREQUISITE: College Algebra

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

#### **4782 Dual Credit Calculus 3**

IHE11100

PREREQUISITE: AP Calculus AB or BC

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.

#### **4784 Dual Credit Differential Equations 1**

3102501

PREREQUISITE: AP CALCULUS AB or BC

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.

## AP/IB MATHEMATICS COURSES

### **4780 AP Calculus AB**

A3100101

GRADE PLACEMENT: 11-12

PREREQUISITE: Pre-Calculus

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply

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**

A3100102

GRADE PLACEMENT: 11-12

PREREQUISITE: Pre-Calculus

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply

Includes all the topics of Calculus AB 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**

A3100200

GRADE PLACEMENT: 11-12

PREREQUISITE: Algebra 2

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply

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 and technology programs will be used extensively in this course.

### **IB Mathematics Analysis & Approaches SL**

I3100500

GRADE PLACEMENT: 11-12

PREREQUISITE: IB Diploma Programme, only at RHS

CREDIT: 2 UNITS OVER TWO YEARS

GPA: +9 on weighted GPA

IB TESTS: Required

FEES: Textbook and other fees may apply

The focus of this course is on developing important mathematical concepts in a comprehensible, coherent and rigorous way, using a carefully balanced approach. Students are encouraged to apply their mathematical knowledge to solve abstract problems as well as those set in a variety of meaningful contexts. IB Math A&A has a strong emphasis on the ability to construct, communicate and justify correct mathematical arguments. Students should expect to develop insight into mathematical form and structure, and should be intellectually equipped to appreciate the links between concepts in different topic areas.

### **1416 IB Mathematics A&A SL Year 1**

### **1418 IB Mathematics A&A SL Year 2**

### **1415 IB Mathematics Applications & Interpretations SL**

I3100700

GRADE PLACEMENT: 11-12

PREREQUISITE: IB Diploma Programme, only at RHS

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

IB TESTS: Required

FEES: Textbook and other fees may apply  
This course recognizes the increasing role that mathematics and technology play in a diverse range of fields in a data-rich world. It emphasizes the meaning of mathematics in context by focusing on topics that are often used as applications or in mathematical modelling. IB Math

A&I includes topics that are traditionally part of a pre-university mathematics course such as calculus and statistics. Students are encouraged to solve real-world problems, construct and communicate this mathematically and interpret the conclusions or generalizations.

## ALTERNATE MATH COURSES

### **4787 College Preparatory Mathematics**

CP111200

GRADE PLACEMENT: 12

PREREQUISITE: Alg 2

CREDIT: 1 UNIT

This course is intended for 12th grade students whose performance on the EOC exam does not meet college readiness standards; or coursework, college entrance exam, or higher education screener indicates the student is not ready for college-level coursework. College Prep Math is designed to help students meet college entrance requirements (TSI testing) and to be ready for entry-level college math coursework. Students will study linear, quadratic, polynomial, rational and radical expressions, equations and functions as well as probability and statistics.

*\*This course is not typically considered "advanced math" beyond the high school level which may impact NCAA eligibility. Check with your perspective college/university about their math course requirements.*

### **8231 Applied Mathematics for Technical Careers**

GRADE PLACEMENT: 11-12

PREREQUISITE: Alg 1, Geom

CREDIT: 1 UNIT

This course satisfies a high school mathematics graduation requirement. This course uses problem-solving situations, hands-on activities, and technology to extend mathematical thinking and engage student reasoning. Situations relating to technical applications provide students opportunities to make connections with mathematics and the workplace. In addition, students will learn the skills necessary to communicate using mathematics. Hands-on activities will allow students to model, explore, and develop abstract concepts applicable to technical careers. (Essential to this course is the partnership between mathematics and technical teachers.)


**Statistics & Business Decision Making, Digital Engineering, Accounting II and AP Computer Science A** descriptions can be found in the CTE section.



# SCIENCE


All students must complete three credits of Science for graduation. We encourage all students to complete a fourth year as that is required for any endorsement offered.

Credits must include Biology and at least one lab class of IPC, Chemistry or Physics.




**Biology**

- OnLevel
- Honors
- PAS
- Applied
- Developmental



**IPC/Chemistry**


- **Integrated Physics & Chemistry**
- OnLevel
- PAS
- Applied
- Developmental
- **Chemistry**
- OnLevel
- Honors



**Physics**


- OnLevel
- Honors (ECHS & METSA only)
- IB
- OnRamps

The third and fourth credits can be from a variety of Lab-Based Science courses including Chemistry and Physics from the above listings. Some alternate CTE courses are also available.



**Lab-Based Science**

- Astronomy - OnLevel & App/Dev
- Environmental Systems - OnLevel & App/Dev
- OnRamps Earth Wind & Fire
- AP Biology
- AP Chemistry 2
- AP Environmental Science
- AP Physics Mechanics
- AP Physics Electricity & Magnetism
- IB Chemistry



**Alternate Sci & CTE**

- Anatomy & Physiology
- Forensic Science
- Advanced Animal Science
- Biotechnology 1
- Principles of Technology
- Scientific Research & Design
- Engineering Design & Problem Solving
- Engineering Science

Students interested in Science laboratory fieldwork may also complete up to a year of Science Lab Management for local credit.

## **BIOLOGY**

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. **EOC TESTED SUBJECT.**

### **6620 Biology 1**

GRADE PLACEMENT: 9-10

CREDIT: 1 UNIT

### **6625 Honors Biology 1**

GRADE PLACEMENT: 9-10

CREDIT: 1 UNIT

GPA: +5 on weighted GPA

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.

### **0348 PAS Biology 1**

GRADE PLACEMENT: 9

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Instructional techniques will vary to accommodate the student's IEP/BIP.

### **9221 Applied Biology 1**

03010207

GRADE PLACEMENT: 9-10

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

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

### **9121 Developmental Biology 1**

030102007

PREREQUISITE: ARD Placement, only at RLT

CREDIT: 1 UNIT

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

## **IPC/CHEMISTRY**

03060201

### **INTEGRATED PHYSICS & CHEMISTRY (IPC)**

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 hands-on laboratory science, higher order thinking, and interrelationships between the sciences. Though this course is not required for all students, If taken, it must precede Chemistry and Physics.

### **6616 Integrated Physics & Chemistry**

GRADE PLACEMENT: 9-10 recommended

CREDIT: 1 UNIT

### **0345 PAS IPC**

GRADE PLACEMENT: 9-10

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Instructional techniques will vary to accommodate the student's IEP/BIP.

### **9222 Applied IPC**

GRADE PLACEMENT: 10-12

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

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

**9122 Developmental IPC**

PREREQUISITE: ARD Placement, only at RLT

CREDIT: 1 UNIT

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

**CHEMISTRY**

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.

**6640 Chemistry I**

GRADE PLACEMENT: 10-12

PREREQUISITE: 1 Sci credit AND Geom  
(or concurrent)

CREDIT: 1 UNIT

**6645 Honors Chemistry I**

GRADE PLACEMENT: 10-12

PREREQUISITE: 1 Sci credit AND Geom  
(or concurrent)

CREDIT: 1 UNIT

GPA: +5 on weighted GPA

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.

**PHYSICS**

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.

**6655 Physics**

GRADE PLACEMENT: 9-12

PREREQUISITE: 1 Sci credit AND Algebra I  
(or concurrent)

CREDIT: 1 UNIT

**6656 Honors Physics**

GRADE PLACEMENT: 9-12

PREREQUISITE: 1 Sci credit AND Algebra I  
(or concurrent), only at ECHS & RLT  
(METS)

CREDIT: 1 UNIT

GPA: +5 on weighted GPA

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.

### **IB Physics SL**

I3050002

GRADE PLACEMENT: 11-12

PREREQUISITE: Chemistry AND Algebra 2,  
IB Diploma Programme, only at RHS

CREDIT: 2 UNITS OVER TWO YEARS

AP Exam: Optional

IB Tests: Required

FEES: Textbook and other fees may apply

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.

### **1425 IB Physics SL Year 1**

### **1426 IB Physics SL Year 2**

*IB Physics SL may fulfill one of the three required Standard Level components for the IB Diploma Candidate, provided that both years were taken.*

### **6657 OnRamps Physics**

GRADE PLACEMENT: 9-12

PREREQUISITE: 1 Sci credit AND Algebra I (or concurrent)

CREDIT: 1 UNIT

COLLEGE CREDIT: Optional

FEES: Textbook and other fees may apply

This is an algebra-based (non-calculus) course in mechanics that fulfills a general physics requirement. Proficiency in algebra and geometry is assumed. Students will practice problem solving and analyzing physical situations involving motion, force, energy, rotations, heat, oscillations, waves, and sound. They will explore concepts in small groups, develop ideas, and explain them. The course lays the groundwork for college majors including engineering, physics, chemistry, or mathematics.

## **LAB-BASED SCIENCES**

### **ENVIRONMENTAL SYSTEMS**

03020000

Explores principles of the environment: biotic and abiotic factors in habitats; ecosystems and biomes; interrelationships among resources and an environmental system; relationship between carrying capacity and changes in populations, ecosystems and the environment.

### **6615 Environmental Systems**

GRADE PLACEMENT: 11-12

PREREQUISITE: 2 YRS. OF LABORATORY SCIENCE

CREDIT: 1 UNIT

### **6617 PAS Environmental Systems**

GRADE PLACEMENT: 11-12

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Instructional techniques will vary to accommodate the student's IEP/BIP.

### **9223 Applied Environmental Systems**

GRADE PLACEMENT: 11-12

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Student will investigate science related to home and independent living through the use of activity-based studies including weather, seasonal changes, and the water cycle. Adapted to meet the needs outlined in student's IEP.

### **9123 Developmental Environmental Systems**

PREREQUISITE: ARD Placement, only at RL

CREDIT: 1 UNIT

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

## **ASTRONOMY**

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.

### **6670 Astronomy**

GRADE PLACEMENT: 11-12

PREREQUISITE: 2 Years of Lab Sciences

CREDIT: 1 UNIT

### **9224 Applied Astronomy**

GRADE PLACEMENT: 11-12

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

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.

### **9124 Developmental Astronomy**

PREREQUISITE: ARD Placement, only at RLTI

CREDIT: 1 UNIT

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

## **ADVANCED SCIENCES**

### **6647 OnRamps Earth Wind & Fire**

03060200

GRADE PLACEMENT: 9-12

RECOMMENDED: Biology, Chemistry (or concurrently)

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

COLLEGE CREDIT: Optional

FEES: Textbook & other fees may apply

This college level course introduces students to the major areas in geoscience and helps them develop critical, creative, and geologic problem solving skills, as applied to 21st century scientific problems. It is an integrated study drawing on the fundamental principles of physics, chemistry, biology, and geosciences to explain Earth processes.

### **6635 AP Biology**

A3010200

GRADE PLACEMENT: 9-12

RECOMMENDED: Biology, Chemistry (or concurrently)

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply

Offers a college-level second year Biology program. It is designed for those who have high interest and motivation in this area of study.

### **6650 AP Chemistry 2**

A3040000

GRADE PLACEMENT: 11-12

RECOMMENDED: Chemistry, Algebra 2 (or concurrently)

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply

Offers a college-level, second year 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.

**6611 AP Environmental Science**

A3020000

GRADE PLACEMENT: 11-12

PREREQUISITE: Bio, Chem, Alg 2

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply

Provides students with a college level, 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.

**6660 AP Physics 1**

A3050003

GRADE PLACEMENT: 11-12

PREREQUISITE: Physics (any level) AND Calculus (or concurrently)

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply

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 knowledge through inquiry labs. The course includes Newtonian mechanics; work, energy, and power; mechanical waves and sound; with an introduction to electric circuits.

**6662 AP Physics 2**

A3050004

GRADE PLACEMENT: 11-12

PREREQUISITE: Physics (any level) AND Calculus (or concurrently)

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply

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.

**6663 AP Physics C: Electricity & Magnetism**

A3050005

GRADE PLACEMENT: 11-12

PREREQUISITE: Physics (any level) AND Calculus (or concurrently)

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply

This is a college level, calculus-based physics course appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism.

**6664 AP Physics C: Mechanics**

A3050006

GRADE PLACEMENT: 11-12

PREREQUISITE: Physics (any level) AND Calculus (or concurrently)

CREDIT: 1 UNIT

AP Exam: Required

FEES: Textbook and other fees may apply

This is a college level, calculus-based physics course appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as kinematics; Newton's laws of motion; work, energy, and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation.

## **IB Chemistry HL**

13040003

GRADE PLACEMENT: 11-12

PREREQUISITE: PreIB Honors Chemistry AND Algebra 2, IB Diploma Programme, only at RHS

CREDIT: 2 UNITS OVER TWO YEARS

AP EXAM: Optional

IB TESTS: Required

FEES: Textbook and other fees may apply

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.

**1423 IB Chemistry HL Year 1**

**1424 IB Chemistry HL Year 2**

*IB Chemistry HL may fulfill one of the three required Higher-Level components for the IB Diploma Candidate, provided that both years are taken.*

## **ALTERNATE SCIENCES & CTE**

### **6637 Anatomy & Physiology**

13020600

GRADE PLACEMENT: 11-12

PREREQUISITE: Biology AND Chemistry

CREDIT: 1 UNIT

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.

### **6672 Forensic Science**

13029500

GRADE PLACEMENT: 11-12

PREREQUISITE: Biology AND Chemistry

CREDIT: 1 UNIT

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.

***Advanced Animal Science, Biotechnology 1, Principles of Technology, Scientific Research & Design, Engineering Design & Problem Solving and Engineering Science*** descriptions can be found in the CTE section.

## **LAB MANAGEMENT**

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.*

GRADE PLACEMENT: 11-12

PREREQUISITE: 2 Sci credits including Chemistry

CREDIT: 1/2 UNIT (Local)

**6675 Lab Management - 1<sup>st</sup> Time Taken**

**6676 Lab Management – 2<sup>nd</sup> Time Taken**

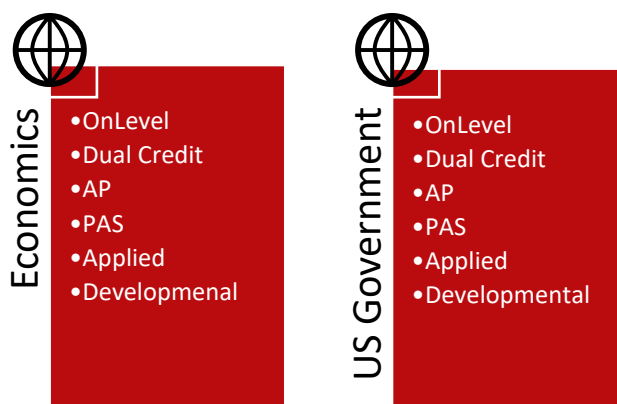
# SOCIAL STUDIES

All students must complete 4 credits of Social Studies for graduation.

The first three credits must be World Geography, World History and US History.



Economics and US Government make up the fourth credit. Each are ½ credit.



Students may also select Advanced SS courses as an Elective. These courses earn state elective credits toward graduation.





## **WORLD GEOGRAPHY**

03320100

Students examine cultures and the interaction of humans with their physical environment thematically, using process skills to study geographic patterns and influences on past and present events in order to make informed decisions about the future.

### **7980 World Geography Studies**

GRADE PLACEMENT: 9

CREDIT: 1 UNIT

### **7981 Honors World Geography Studies**

GRADE PLACEMENT: 9

CREDIT: 1 UNIT

This course is designed for students who wish to have a more challenging and rigorous social studies experience.

### **7982 AP Human Geography**

A3360100

GRADE PLACEMENT: 9

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply

This course introduces students to the systematic study of patterns and process that shape 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.

### **0363 PAS World Geography**

GRADE PLACEMENT: 9

PREREQUISITE: ARD placement

CREDIT: 1 UNIT

Instructional techniques will vary to accommodate the student's IEP/BIP.

### **9230 Applied World Geography**

GRADE PLACEMENT: 9

PREREQUISITE: ARD placement

CREDIT: 1 UNIT

The student focuses on his/her home and school. Map skills are introduced and developed through a variety of activities. The course will be adapted to meet the needs outlined in student's IEP.

### **9130 Developmental World Geography**

PREREQUISITE: ARD placement, only at RLT

CREDIT: 1 UNIT

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

## **WORLD HISTORY**

03340400

This course provides a global understanding of the growth and development of selected world civilizations from ancient times to the present. Using critical-thinking skills and a variety of primary and secondary sources, students study historical and geographic patterns, compare civilizations, and examine continuities and change over time.

### **7911 World History Studies**

GRADE PLACEMENT: 10-11

CREDIT: 1 UNIT

### **7971 Honors World History Studies**

GRADE PLACEMENT: 10-11

CREDIT: 1 UNIT

Students examine the impact of geographic factors on historical events, identify common characteristics of eras,

analyze the causes and effects of major turning points, compare the social, economic, and political systems of various civilizations, and examine continuities and change over time to gain a global understanding of the world today.

### **7972 AP World History**

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply  
Students investigate topics. They develop and use the same thinking skills and methods employed by historians which include analyzing source material, making historical comparisons, chronological reasoning, and argumentation. Students explore five themes to make connections across time periods and places: interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures.

## **U.S. HISTORY**

03340100

The founding documents of the U.S. government provide a framework as students focus on the political, economic, and social factors shaping U.S. history since 1877. Issues include industrialization and urbanization, domestic and foreign policies, major war, reform movements, civil rights, and efforts to expand the democratic process. Students analyze the impact of constitutional issues on American society, technological innovations on American life, and geographic factors on historical events. Students use critical-thinking skills and a variety of primary and secondary source material to apply different methods historians use to understand the past, including historical context and multiple points of view. **EOC TESTED SUBJECT.**

### **7610 U.S. History**

GRADE PLACEMENT: 11-12

CREDIT: 1 UNIT

### **0362 PAS World History**

GRADE PLACEMENT: 10

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Instructional techniques will vary to accommodate the student's IEP/BIP.

### **9231 Applied World History**

GRADE PLACEMENT: 10

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Student focuses on his/her community and state, with emphasis on laws affecting behavior and personal safety. The course will be adapted to meet the needs outlined in student's IEP.

### **9131 Developmental World History**

PREREQUISITE: ARD Placement, only at RLT

CREDIT: 1 UNIT

This course offers individualized instruction that emphasizes the environment for students with severe cognitive and physical abilities.

### **7612 OnRamps U.S. History**

GRADE PLACEMENT: 11-12

PREREQUISITE: English II

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

COLLEGE CREDIT: Optional

FEES: Textbook and other fees may apply

Using lectures, primary and secondary readings, videos, maps, and other graphics, students work both independently and collaboratively to develop the critical thinking skills to evaluate the American historical record. The course surveys from the colonial beginnings through the Civil War and considers the post-Civil War era to the end of the 20th century. Exams include essay questions that require students to craft well-written narratives and arguments that set events in historical context, engage the complexity of cause and consequence, and make connections that reveal the dynamic of change over time.

### **7660 AP United States History**

A3340100

GRADE PLACEMENT: 11-12

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply

In this course students examine the nine different periods of U.S. history conceptually, using themes that include identity, migration, power, technology, geography, technology, and America in the world. Students make comparisons among various historical developments in different times and places and to reason historically about continuity and change over time. Students develop and use historical thinking skills, which include analyzing primary and secondary source material, making historical comparisons, chronological reasoning, and argumentation.

### **IB History of the Americas (HOA) HL**

I3301300

GRADE PLACEMENT: 11-12

PREREQUISITE: AP World History or PrelB Honors World History, IB Diploma

Programme, only at RHS

CREDIT: 2 UNITS OVER 2 YEARS

GPA: +9 on weighted GPA

AP Exam: Optional

IB Assessments: Required

FEES: Textbook and other fees may apply  
This course explores the social, political, and economic history of Anglo (U.S. and Canada) and Latin America. The second year is a more intensive focus on global 20thth Century social issues and government systems. Research projects are required.

### **1433 IB HOA HL Year 1**

### **1434 IB HOA HL Year 2**

*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 I the previous year. Completion of both IB History of the Americas I and II earns the student the ½ credit required for Government as well.*

### **0360 PAS U.S. History**

GRADE PLACEMENT: 11

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

This course provides students opportunities to understand social, cultural, economic and political forces that have shaped American society, as well as the historical context for U.S. society today. Instructional techniques will vary to accommodate the student's IEP/BIP.

### **9232 Applied U.S. History**

03340107

GRADE PLACEMENT: 11

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

The student will focus on community awareness through concepts related to employment and personal responsibility. The course is adapted to meet the needs outline in the student's IEP.

### **9132 Developmental U.S. History**

03340107

PREREQUISITE: ARD Placement, only at RLT

CREDIT: 1 UNIT

This course offers individualized instruction that emphasizes the environment for students with severe cognitive and physical abilities.

## **ECONOMICS**

03310300

This course examines the basic principles of production, consumption, and distribution of goods and services with emphasis on the American free enterprise system. Students will compare the U.S. system with economic systems in other countries of the world. The course also includes a brief study of personal financial literacy.

### **7401 Economics**

GRADE PLACEMENT: 11-12

PREREQUISITE: 2 credits in SS

CREDIT: 1/2 UNIT

### **7401D Dual Credit Economics**

GRADE PLACEMENT: 11-12

PREREQUISITE: 2 credits in SS

CREDIT: 1/2 UNIT

FEES: Textbook and other fees may apply  
*Dallas College acceptance required.*

<https://www.dcccd.edu/high-school-students/pages/application.aspx>

### **7402 AP Economics - Micro**

A3310100

GRADE PLACEMENT: 11-12

PREREQUISITE: 2 credits in SS

CREDIT: 1/2 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply  
This course studies the behavior of discrete parts of the economy—the individual, the household, the company.

### **7403 AP Economics - Macro**

A3310200

GRADE PLACEMENT: 11-12

PREREQUISITE: 2 credits in SS

CREDIT: 1/2 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply

NOTE: counts as Econ grad requirement

This course provides students with a thorough understanding of the principles of economics that apply to an economic system as a whole.

### **0364 PAS Economics**

GRADE PLACEMENT: 11-12

PREREQUISITE: ARD Placement

CREDIT: 1/2 UNIT

Instructional techniques vary to accommodate the student's IEP/BIP.

### **9234 Applied Economics**

GRADE PLACEMENT: 12

PREREQUISITE: ARD Placement

CREDIT: 1/2 UNIT

The 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 organization. The course will be adapted to meet the needs outlined in the student's IEP.

### **9134 Developmental Economics**

PREREQUISITE: ARD Placement, only at RLT

CREDIT: 1/2 UNIT

This course offers individualized instruction that emphasizes the environment for students with severe cognitive and physical abilities.

## **U.S. GOVERNMENT**

03320100

This course focuses on the principles and beliefs upon which the United States was founded. Students will use critical-thinking skills to examine the structure, functions, and powers of government at the national, state, and local level.

### **7317 U.S. Government**

GRADE PLACEMENT: 11-12

PREREQUISITE: 2 credits in SS

CREDIT: 1/2 UNIT

### **7317D Dual Credit U.S. Government**

GRADE PLACEMENT: 11-12

PREREQUISITE: 2 credits in SS

CREDIT: 1/2 UNIT

FEES: Textbook and other fees may apply  
*Dallas College acceptance required.*

<https://www.dcccd.edu/high-school-students/pages/application.aspx>

### **7377 AP United States Government**

A3330100

GRADE PLACEMENT: 11-12

PREREQUISITE: 2 credits in SS

CREDIT: 1/2 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply

NOTE: counts as Gov grad requirement

This course provides a college-level approach to understanding the effects of political theories and history on the development of American political behavior and institutions. It will not only help students understand the U.S. Constitution and the political system but will also help them become informed citizens who are willing to preserve, protect, and defend the rights and liberties at the core of our nation's charter.

### **0365 PAS Government**

GRADE PLACEMENT: 11-12

PREREQUISITE: ARD Placement

CREDIT: 1/2 UNIT

Instructional techniques will vary to accommodate the student's IEP/BIP.

### **9233 Applied Government**

GRADE PLACEMENT: 12

PREREQUISITE: ARD Placement

CREDIT: 1/2 UNIT

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

### **9133 Developmental Government**

PREREQUISITE: ARD Placement, only at RLT

CREDIT: 1/2 UNIT

This course offers individualized instruction that emphasizes the environment for students with severe cognitive and physical abilities.

## ADVANCED SOCIAL STUDIES COURSES

These courses may be taken as state elective credits toward an Arts & Humanities Endorsement or general state elective.

### **7201 Sociology**

3370100

GRADE PLACEMENT: 10-12

CREDIT: 1/2 UNIT

This course 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**

03350100

GRADE PLACEMENT: 10-12

CREDIT: 1/2 UNIT

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

### **7204 PreAP Psychology**

03350100

GRADE PLACEMENT: 11-12

CREDIT: 1/2 UNIT

GPA: +5 on weighted GPA

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. This preparation affords students the beneficial background for success in AP Psychology in Semester 2.

### **7205 AP Psychology**

A3350100

GRADE PLACEMENT: 11-12

PREREQUISITE: 2 SS Credits

CREDIT: 1/2 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEE: Textbook and other fees may apply

This course 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.

### **7210 Personal Financial Literacy**

03380082

GRADE PLACEMENT: 11-12

PREREQUISITE: 2 credits in SS

CREDIT: 1/2 UNIT

Develops citizens who have the knowledge and skills to make sound, informed financial decisions, allowing them to lead financially secure lifestyles and understand personal financial responsibility. Students will apply critical-thinking and problem-solving skills to analyze decisions about earning and spending, saving and investing, credit and borrowing, insuring and protecting, as well as college and post-secondary education and training.

### **7345 Special Topics in SS – Law Studies**

03380002

GRADE PLACEMENT: 11-12

CREDIT: 1 UNIT

This course introduces students to the structure and process of our legal system as it relates to their everyday lives

### **7985 AP European History**

A3340200

GRADE PLACEMENT: 11-12

PREREQUISITE: WORLD HISTORY PRE-AP OR WORLD EXPERIENCE

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEE: Textbook and other fees may apply  
An in-depth study of Western Civilization in Europe from approximately 1450 to the present. It explores several major themes in modern history,

**7376 AP Comparative Government & Politics** A3330200

GRADE PLACEMENT: 11-12

PREREQUISITE: 2 SS Credits – Honors preferred, only at CHS

CREDIT: 1/2 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply  
Introduces students to the rich diversity of political life outside the United States. It provides a college-level approach to examining the political institutions and processes of six different countries—China, Iran, Mexico, Nigeria, Russia, and the United Kingdom—and comparing the ways they address problems. Students compare the effectiveness of approaches to many global issues by examining how different governments solve similar problems.

**Independent Studies/Mentoring (ISM)**

GRADE PLACEMENT: 9-12

PREREQUISITE: GT Identified or counselor approval

CREDIT: 1/2 UNIT

GPA: +9 on weighted GPA

Students conduct in-depth research, prepare a product of professional quality, and present their findings to appropriate audiences. Working independently or in collaboration with a mentor, students 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 may take up to 4 times, but a different project must be presented each time.*

**7987 ISM (1ST TIME TAKEN)** 03380003

**7988 ISM (2ND TIME TAKEN)** 03380023

**7989 ISM (3RD TIME TAKEN)** 03380033

**7990 ISM (4TH TIME TAKEN)** 03380043

**9235 Applied Social Studies Plus**

84400235

GRADE PLACEMENT: 12+

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT (Local)

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

**9135 Developmental Social Studies Plus**

84400135

GRADE PLACEMENT: 12+

PREREQUISITE: ARD Placement, only at RLT

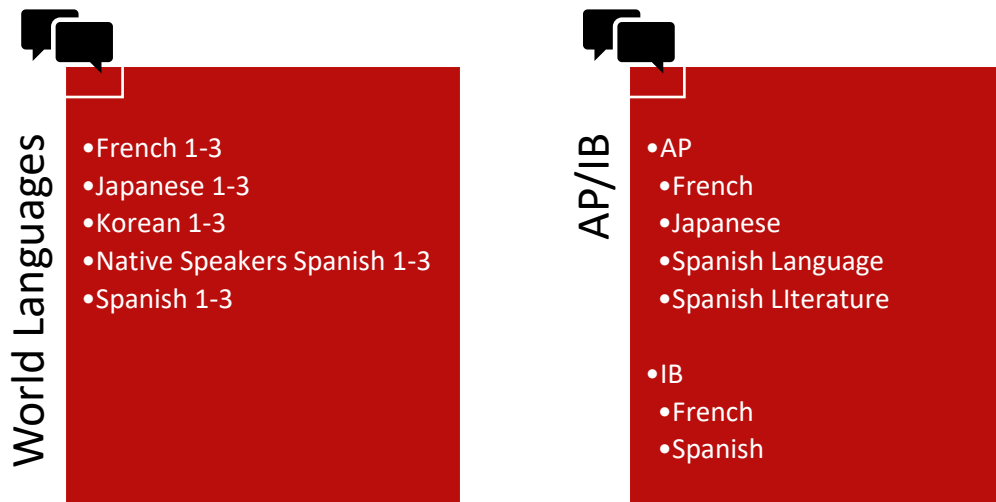
CREDIT: 1 UNIT (Local)

This course offers individualized instruction that emphasizes the environment for students with severe cognitive and physical abilities.

# WORLD LANGUAGES

All students must complete 2 credits of World Language for graduation. These World Language credits should be from the same language. (A substitution of academic or CTE courses can be made for students who receive special education services. Speak with the counselor for more information.)

Students are encouraged to further their exposure to world languages and culture by taking additional classes of the same language or exploring other world languages throughout their high school years.



Students who are already proficient in a world language listed above or other language spoken at home have the opportunity for credit-by-exam which may award up to four credits of the same language. Speak with the counselor for more information.

There are also dual credit opportunities students may select from Dallas College. Acceptance to Dallas College is required and fees may apply.

<https://www.dcccd.edu/high-school-students/dual-credit/pages/default.aspx>





## FRENCH

### **3604 French 1**

03410100

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Introduces basic speaking, reading, and writing skills. Emphasizes vocabulary building and the study of Francophone culture.

### **3605 French 2**

03410200

GRADE PLACEMENT: 9-12

PREREQUISITE: 3604

CREDIT: 1 UNIT

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 Honors French 3**

03410300

GRADE PLACEMENT: 11-12

PREREQUISITE: 3605

CREDIT: 1 UNIT

GPA: +5 on weighted GPA

Develops reading skills in addition to listening comprehension, speaking and writing. Stresses a broader appreciation of French culture and civilization.

### **3607 AP French Language & Culture**

A3410100

GRADE PLACEMENT: 12

PREREQUISITE: Honors French 3

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEE: Textbook and other fees may apply

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. Speaking with acceptable accuracy and fluency is emphasized as well. The study of literature and culture is included.

### **1445 PreIB Honors French 3**

03410300

GRADE PLACEMENT: 11

PREREQUISITE: French 2, IB Diploma Programme, only at RHS

CREDIT: 1 UNIT

GPA: +5 on weighted GPA

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. Honors French III is intended to prepare the highly motivated, advanced student for future IB level coursework.

### **1446 IB French 4 SL**

I3410400

GRADE PLACEMENT: 11-12

PREREQUISITE: PreIB French 3, IB Diploma Programme, only at RHS

CREDIT: 2 UNITS

GPA: +9 on weighted GPA

AP Exam: Optional

IB Test: Required

FEE: Textbook and other fees may apply

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.

## JAPANESE

### **3750 Japanese 1**

03120100

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

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 Japanese 2**

03120200

GRADE PLACEMENT: 10-12

PREREQUISITE: Japanese 1

CREDIT: 1 UNIT

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 Honors Japanese 3**

03120300

GRADE PLACEMENT: 11-12

PREREQUISITE: Japanese 2

CREDIT: 1 UNIT

GPA: +5 on weighted GPA

Provides students with oral and written language skills with concentration on understanding instruction delivered in Japanese.

### **3754 AP Japanese Language & Culture**

A3120400

GRADE PLACEMENT: 12

PREREQUISITE: Honors Japanese 3

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEE: Textbook and other fees may apply

Extends proficiency and 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.

## KOREAN

*Korean is only offered at Creekview and Newman Smith.*

### **3740 Korean 1**

11402900

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Introduces essential vocabulary and grammar in order to develop the pronunciation, listening, reading, and writing skills necessary for basic communication and comprehension. Includes an introduction to Korean culture.

### **3741 Korean 2**

11403000

GRADE PLACEMENT: 9-12

PREREQUISITE: Korean 1

CREDIT: 1 UNIT

Students develop communication skills in all communication modes and continue their studies of Korean culture.

### **3742 Honors Korean 3**

11403100

GRADE PLACEMENT: 9-12

PREREQUISITE: Korean 2

CREDIT: 1 UNIT

GPA: +5 on weighted GPA

Students further develop communication proficiency in all communication modes. Emphasis is placed on the refinement of this logographic language.

## **NATIVE SPEAKERS SPANISH**

### **3807 Native Speakers Spanish 1**

03440110

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Emphasizes standard spoken and written Spanish, grammar, listening skills, and reading comprehension based on the culture of the Hispanic world.

### **3809 Native Speakers Spanish 2**

03440220

GRADE PLACEMENT: 9-12

PREREQUISITE: NS Spanish 1

CREDIT: 1 UNIT

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.

### **3819 Honors Native Speakers Spanish 3**

03440330

GRADE PLACEMENT: 9-12

PREREQUISITE: NS Spanish 2

CREDIT: 1 UNIT

GPA: +5 on weighted GPA

Increases vocabulary, reading skills and grammar in addition to listening comprehension, speaking and writing.

Develops a greater appreciation of Hispanic culture and civilization.

## **SPANISH**

### **3808 Spanish 1**

03440100

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Introduces basic listening, speaking, reading and writing skills. Emphasizes vocabulary building and includes the study of Hispanic culture.

### **3810 Spanish 2**

03440200

GRADE PLACEMENT: 9-12

PREREQUISITE: Spanish 1

CREDIT: 1 UNIT

Emphasizes understanding the spoken word and speaking. Develops writing skills and reading comprehension based on the culture of the Hispanic world.

### **3820 Honors Spanish 3**

03440300

GRADE PLACEMENT: 10-12

PREREQUISITE: Spanish 2

CREDIT: 1 UNIT

GPA: +5 on weighted GPA

Develops reading skills in addition to greater skills in listening, speaking and writing. Develops a fuller appreciation of Hispanic culture and civilization

### **1440 PrelB Honors Spanish 3**

0344030

GRADE PLACEMENT: 10-11

PREREQUISITE: Spanish 2, IB Diploma Programme, only at RHS

CREDIT: 1 UNIT

GPA: +5 on weighted GPA

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.

### **3822 AP Spanish Language & Culture**

A3440100

GRADE PLACEMENT: 11-12

PREREQUISITE: Honors Spanish 3

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEE: Textbook and other fees may apply

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.

AP Exam: Optional

IB Test: Required

FEE: Textbook and other fees may apply  
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 SL will fulfill one of the three required Standard Level components for the IB Diploma Candidate.

### **3823 AP Spanish Literature & Culture**

A3440200

GRADE PLACEMENT: 12

PREREQUISITE: Spanish 3

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEE: Textbook and other fees may apply

Includes a survey of Hispanic literature, reading of literary selections, and literary analysis.

### **1443 IB Spanish HL**

I3440500

GRADE PLACEMENT: 11-12

PREREQUISITE: IB Spanish 4 SL, IB Diploma Programme, only at RHS

CREDIT: 2 UNITS

GPA: +9 on weighted GPA

AP Exam: Optional

IB Test: Required

FEE: Textbook and other fees may apply  
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.

### **1441 IB Spanish SL**

I3440400

GRADE PLACEMENT: 11-12

PREREQUISITE: Honors Spanish 3, IB Diploma Programme, only at RHS

CREDIT: 2 UNITS

GPA: +9 on weighted GPA

## **DUAL CREDIT**

Students wishing to pursue world language through dual credit classes offered through Dallas College must be admitted to the college. These courses are taken at the student's convenience outside of the regular school day. *\*Textbook and other fees may apply*  
<https://www.dcccd.edu/high-school-students/dual-credit/pages/enrollment.aspx>

Beginning Amer Sign Lang 1 - SGNL 1301  
Beginning Amer Sign Lang 2 - SGNL 1302  
Intermed Amer Sign Lang 1 - SGNL 2301  
Intermed Amer Sign Lang 2 - SGNL 2302

Beginning Chinese 1 - CHIN 1411  
Beginning Chinese 2 - CHIN 1412  
Intermediate Chinese 1 - CHIN 2311  
Intermediate Chinese 2 - CHIN 2312

Beginning French 1 - FREN 1411  
Beginning French 2 - FREN 1412  
Intermediate French 1 - FREN 2311

Intermediate French 2 - FREN 2312  
Beginning German 1 - GERM 1411  
Beginning German 2 - GERM 1412  
Intermediate German 1 - GERM 2311  
Intermediate German 2 - GERM 2312

Beginning Japanese 1 - JAPN 1411  
Beginning Japanese 2 - JAPN 1412  
Intermediate Japanese 1 - JAPN 2311  
Intermediate Japanese 2 - JAPN 2312

Beginning Korean 1 - KORE 1411  
Beginning Korean 2 - KORE 1412

Intermediate Korean 1 - KORE 2311  
Intermediate Korean 2 - KORE 2312  
Beginning Spanish 1 - SPAN 1411  
Beginning Spanish 2 - SPAN 1412  
Intermediate Spanish 1 - SPAN 2311  
Intermediate Spanish 2 - SPAN 2312

# ATHLETICS, PHYSICAL EDUCATION & HEALTH

All students must complete 1 credit of Physical Education (PE) for graduation. Up to 4 PE credits are allowed towards meeting the state graduation requirements.

Students can earn PE credit through a variety of athletics, physical activity and special case offerings. No PE course may be taken twice for state credit.



## Athletics

- Baseball
- Basketball
- Cross-Country
- Football
- Golf
- Soccer
- Softball
- Swimming
- Tennis
- Track
- Volleyball
- Wrestling



## Physical Activity

- Aerobic Activities
- Weightlifting
- Individual/Team Sports
- Foundations of Personal Fitness
- Adventures in Outdoor Education
- Adaptive PE



## Special Cases

- JROTC
- NonDistrict Program
- Pep Squad
- Cheer (years 1-2)
- Fine Arts
- Marching Band (fall of years 1-2)
- Drill Team (fall of years 1-2)
- Vocal Ensemble

All students must also complete ½ credit of Health for graduation.

## Health

- Health
- Applied Health
- Developmental Health
- Health Plus

## PHYSICAL EDUCATION - ATHLETICS

The following courses are offered as competitive athletics and/or off-season athletic/physical education courses. All sports are governed by the rules and regulations of the University Interscholastic League. Athletes must maintain eligibility to compete.

Athletes enroll in the level that corresponds with the number of years he/she has participated in any athletics program. This allows for up to 4 credits in athletics to be earned.

PES00000, PES00001, PES00002, PES00003

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT PER YEAR

### Men's Athletics

	Year 1	Year 2	Year 3	Year 4
<b>Baseball</b>	5855	5856	5857	5858
<b>Basketball</b>	5810	5811	5812	5813
<b>Football</b>	5805	5806	5807	5808
<b>Soccer</b>	5830	5831	5832	5833
<b>Track</b>	5825	5826	5827	5828

### Women's Athletics

	Year 1	Year 2	Year 3	Year 4
<b>Basketball</b>	5865	5866	5867	5868
<b>Soccer</b>	5835	5836	5837	5838
<b>Softball</b>	5860	5861	5862	5863
<b>Track</b>	5875	5876	5877	5878
<b>Volleyball</b>	5880	5881	5882	5883

### Mixed Athletics

	Year 1	Year 2	Year 3	Year 4
<b>Cross-Country</b>	5820	5821	5822	5823
<b>Golf</b>	5845	5846	5847	5848
<b>Swim/Dive</b>	5850	5851	5852	5853
<b>Tennis</b>	5840	5841	5842	5843
<b>Wrestling</b>	5815	5816	5817	5818

Athletes wishing to compete at the collegiate level should be aware of NCAA rules regarding eligibility and possible scholarship opportunities. The link below is to the NCAA Eligibility Center – Guide for the College-Bound Student-Athlete.

[http://fs.ncaa.org/Docs/eligibility\\_center/Student\\_Resources/CBSA.pdf](http://fs.ncaa.org/Docs/eligibility_center/Student_Resources/CBSA.pdf)

Check with your head coach or college recruiter for more information specific to your sport or college/university.

## PHYSICAL EDUCATION - PHYSICAL ACTIVITY

### **5594 Aerobic Activities – Dance Focus**

PES00054

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Aerobic movements involve large muscle groups used in continuous rhythmic activities. This course explores various forms of low impact aerobics, high impact aerobics, and modern and traditional dance.

### **5600 Foundations of Personal Fitness**

PES00052

GRADE PLACEMENT: 9-10

CREDIT: 1 UNIT

Analyzes the components of physical fitness and the relationship between physical fitness activities and stress. Students 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.

### **5601 Individual and Team Sports (ITS)**

PES00055

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

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 for the individual, pairs, and teams. This course cannot be taken if credit for 5597 Weightlifting (ITS) has been earned.

### **5597 Weightlifting (ITS)**

PES00055

GRADE PLACEMENT: 10-12

PREREQUISITE: Coaches Approval

CREDIT: 1 UNIT

Provides students with the opportunity to gain insight into weight-training and lifting for healthy living. Technique and workout planning is emphasized. This course cannot be taken if credit for 5601 Individual and Team Sports (ITS) has been earned.

### **5604 Adventure Outdoor Education**

PES00053

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Develops competency in outdoor education activities that provide opportunities for enjoyment and challenge, ensuring fitness throughout the lifespan. This course includes aspects of 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.

### **5610 Adapted PE**

PES00052

GRADE PLACEMENT: 9-12

PREREQUISITE: ARD Placement or Instructor Approval

Provides physical activity to meets the needs of students who have a physical problem or disability. Students work with an adaptive coach on skills and abilities to advance the health and physical activity done in everyday life.

## PHYSICAL EDUCATION - SPECIAL CASES

### **5616 Pep Squad (Aerobic Activity)**

PES00054

GRADE PLACEMENT: 9-10

CREDIT: 1 UNIT (PE)

FEES: Performance Outfit fees may apply

Introduces basic drill team skills including kicks, splits, dances, routines, and team-building activities. Tryout procedures and requirements of drill team will be addressed.

Commitments outside of the school day may be required.

### **Cheerleading**

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.

Cheer 1-4 is by audition only. Annual uniform and accessory fees apply.

### **5621 CHEER 1 (PE Substitution)**

PES00013

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT (PE)

### **5623 CHEER 3**

85000618

GRADE PLACEMENT: 11-12

CREDIT: 1 UNIT (Local)

### **5622 CHEER 2 (Aerobic Activity)**

PES00054

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT (PE)

### **5624 CHEER 4**

85000618

GRADE PLACEMENT: 12

CREDIT: 1 UNIT (Local)

### **Non-District Program – PE Substitution**

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. APPLICATION IS REQUIRED.

PES00008, PES00009, PES00010, PES00011

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT PER YEAR

### **5611 Non-District Program PE Sub 1**

### **5612 Non-District Program PE Sub 2**

### **5613 Non-District Program PE Sub 3**

### **5614 Non-District Program PE Sub 4**



## **Navy Junior Officer Training Corps (NJROTC)**

*These courses do not require a military commitment and are not recruitment training. Most expenses associated with activities and field trips are taken care of by the Navy, the school, or NJROTC fund-raising activities. NJROTC is only at RLT.*

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. These courses are 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. Upper Levels continue 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.

### **5895 ROTC 1**

03160100

GRADE: 9-12

CREDIT: 1 UNIT

### **5896 ROTC 2**

03160200

GRADE: 10-12

PREREQUISITE: ROTC 1, Instructor Approval

CREDIT: 1 UNIT

### **5897 ROTC 3**

03160300

GRADE: 11-12

PREREQUISITE: ROTC 2, Instructor Approval

CREDIT: 1 UNIT

### **5898 ROTC 4**

03160400

GRADE: 11-12

PREREQUISITE: ROTC 3, Instructor Approval

CREDIT: 1 UNIT

### **5899 JROTC**

PES00004

GRADE: 9-12

CREDIT: 1 UNIT (PE)

Should be taken in lieu of 5895 ROTC 1 if PE credit is needed. Students would then follow the ROTC 2-4 sequence.

**Marching Band, Drill Team, and Vocal Ensemble** descriptions are listed within the Fine Arts section of this guide.

## HEALTH

### Health

03810100

GRADE PLACEMENT: 9-12

CREDIT: 1/2 UNIT

Provides knowledge and understanding of the following areas; mental health, stress, depression, suicide, personality, nutrition, dieting, healthy and unhealthy relationships, male and female reproduction, CPR, first aid, STI's, alcohol, tobacco and drugs.

#### **5910 Health**

##### **9250 Applied Health**

Student will focus on making healthy lifestyle decisions including personal health and hygiene issues, and social skills development. Adapted to meet the needs outlined in student's IEP.

##### **9150 Developmental Health**

Individualized instruction for students with severe cognitive and physical disabilities.  
– only at RLT.

#### **9251 Applied Health Plus**

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.

# FINE ARTS

All students must complete 1 credit of Fine Arts for graduation. This Fine Arts credit may be from a variety of courses including Visual, Music, and Performance Arts.



## Visual

- **Art 1**
  - Beginning
  - Intermediate
- **Applied & Developmental**
  - Fine Arts 1
  - Fine Arts Plus



## Music

- **Band 1**
  - Marching/Ensemble
  - Percussion
- **Choir 1**
  - Tenor-Bass
  - Treble
- **Orchestra 1**
  - Ensemble



## Performance

- **Dance 1**
  - Beginning
  - Folklorico
  - Drill Team
- **Theatre 1**
  - **Technical Theatre 1**

Students are encouraged to further their exposure to the Arts by taking additional classes of the same focus or exploring other Fine Arts throughout their high school years.



## Visual

- **Art 2-4**
  - Ceramics
  - Drawing
  - Jewelry
  - Painting
  - Sculpting
- **IB Art/Design**
- **AP Studio Art Drawing**
- **AP Studio Art 2D**
- **AP Studio Art 3D**
- **AP Art History**
- **Independent Study**



## Music

- **Band 2-4**
  - Marching/Ensemble
  - Concert
  - Winds
  - Symphonic
  - Percussion
  - Jazz/Stage
- **Choir 2-4**
  - Tenor-Bass
  - Treble
  - A'Cappella
  - Vocal Ensemble
- **Orchestra 2-4**
  - Concert
  - Philharmonic
  - Symphonic
  - Camerata
  - Chamber
- **Music Thoery**
  - OnLevel, AP, IB



## Performance

- **Dance 2-4**
  - Advanced
  - Independent Study
  - Folklorico
  - Company
  - Ensemble
  - Drill Team
- **Theatre 2-4**
  - Advanced
  - IB Theatre
  - Independent Study
- **Technical Theatre 2-4**
  - Advanced
  - Independent Study
- **Theatre Production**

## VISUAL ARTS

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

Students registering for Visual Arts courses should expect either to pay a fee for the purchase of consumable media specific tools or will receive a list of consumable items to be purchased by the student and used in class.

### Art 1

3500100

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.

#### **2500 Art 1 Beginning**

GRADE PLACEMENT: 9-11

CREDIT: 1 UNIT

#### **2501 Art 1 Intermediate**

GRADE PLACEMENT: 9-10

PREREQUISITE: Middle School Teacher recommendation OR Portfolio Review by High School Teacher

CREDIT: 1 UNIT

Investigates the beginning art concepts and emphasizes the skill development and level of expectation at a faster pace than the regular Art 1 class.

#### **Applied/Developmental Fine Arts**

GRADE PLACEMENT: 9+

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT

Student will explore life around him/her and increase problem-solving skills, sharpen communication skills, and increase fine motor skills by exposure to various arts, music, and culinary activities. Adapted to meet the needs outlined in student's IEP.

#### **9261 Applied Fine Arts 1**

**9161 Developmental Fine Arts 1** (only at RLT)

#### **9262 Applied Fine Arts 2**

84500262 (Local)

#### **9162 DEVELOPMENTAL FINE ARTS 2**

84500162 (Local, Only at RLT)

### Advanced Art 2-4

Advanced Levels of Visual Arts courses focus on specific art mediums including Ceramics, Drawing, Jewelry, Painting, and Sculpting. Not all mediums are taught at each campus. Students select which art medium they wish to study in depth. Year 2 expands the student's experience with the art medium and introduces techniques and tools specific to that art. Years 3 and 4 extend previous skills and provide opportunities for reflection, self-evaluation, explore personal style and insight. Sketch books and journals are required. Portfolios of the student's body of work will be prepared to showcase their creations.

#### **2525 Art 2 - Ceramics**

3500900

GRADE PLACEMENT: 10-12

PREREQUISITE: Art 1 AND Portfolio Review

CREDIT: 1 UNIT

#### **2527 Art 4 - Ceramics**

3502700

GRADE PLACEMENT: 12

PREREQUISITE: Ceramics 3

CREDIT: 1 UNIT

#### **2526 Art 3 - Ceramics**

3501800

GRADE PLACEMENT: 11-12

PREREQUISITE: Ceramics 2

CREDIT: 1 UNIT

**2519 Art 2 - Drawing**

3500500

GRADE PLACEMENT: 10-12

PREREQUISITE: Art 1 AND Portfolio Review

CREDIT: 1 UNIT

**2520 Art 3 - Drawing**

3501300

GRADE PLACEMENT: 11-12

PREREQUISITE: Drawing 2

CREDIT: 1 UNIT

**2521 Art 4 - Drawing**

3502300

GRADE PLACEMENT: 12

PREREQUISITE: Drawing 3

CREDIT: 1 UNIT

**2528 Art 2 - Jewelry**

3501100

GRADE PLACEMENT: 10-12

PREREQUISITE: Art 1 AND Portfolio Review

CREDIT: 1 UNIT

**2529 Art 3 - Jewelry**

3502000

GRADE PLACEMENT: 11-12

PREREQUISITE: Jewelry 2

CREDIT: 1 UNIT

**2530 Art 4 - Jewelry**

3502900

GRADE PLACEMENT: 12

PREREQUISITE: Jewelry 3

CREDIT: 1 UNIT

**2502 Art 2 – Painting**

3500600

GRADE PLACEMENT: 10-12

PREREQUISITE: Art 1 AND Portfolio Review

CREDIT: 1 UNIT

**2503 Art 3 - Painting**

3501400

GRADE PLACEMENT: 11-12

PREREQUISITE: Painting 2

CREDIT: 1 UNIT

**2504 Art 4 - Painting**

3502400

GRADE PLACEMENT: 12

PREREQUISITE: Painting 3

CREDIT: 1 UNIT

**2531 Art 2 - Sculpture**

3501000

GRADE PLACEMENT: 10-12

PREREQUISITE: Art 1 AND Portfolio Review

CREDIT: 1 UNIT

**2532 Art 3 - Sculpture**

3501900

GRADE PLACEMENT: 11-12

PREREQUISITE: Sculpture 2

CREDIT: 1 UNIT

**2533 Art 4 - Sculpture**

3502800

GRADE PLACEMENT: 12

PREREQUISITE: Sculpture 3

CREDIT: 1 UNIT

**Advanced Visual Arts – AP/IB****2515 AP Studio Art/Drawing Portfolio**

A3500300

GRADE PLACEMENT: 11-12

PREREQUISITE: Art 2 (any medium),  
Portfolio Review of 6-8 original works and  
sketchbook

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply  
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.

**2555 AP Studio Art/2-D Design Portfolio**

A3500400

GRADE PLACEMENT: 11-12

PREREQUISITE: Art 2 (any medium),  
Portfolio Review of 6-8 original works and sketchbook

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply  
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.

**2556 AP Studio Art/3-D Design Portfolio**

A3500500

GRADE PLACEMENT: 11-12

PREREQUISITE: Art 2 (any medium),  
Portfolio Review of 6-8 original works and sketchbook

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply  
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. Students are asked to demonstrate three concerns – quality, concentration, and breadth. Students present selected works they have done throughout the year for evaluation.

**2542 AP Art History**

A3500100

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply

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.

**IB Visual Arts HL**

I3600100

GRADE PLACEMENT: 11-12

PREREQUISITE: Art 2 (any medium), IB  
Diploma Programme, only at RHS

CREDIT: 2 UNITS OVER TWO YEARS

GPA: +9 on weighted GPA

AP Exam: Optional

IB Assessments: Required

FEES: Textbook and other fees may apply  
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. Year 2 extends this study.

**1461 IB Visual Arts HL (Year 1)****1462 IB Visual Arts HL (Year 2)**

*IB Art/Design may fulfill one of the three required Higher Level components for the IB Diploma Candidate, provided both years are taken.*

**2510 Independent Study in Art**

84500510

GRADE PLACEMENT: 11-12

PREREQUISITE: Art 1, Teacher Approval  
CREDIT: 1 UNIT (Local)

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.

## PERFORMANCE ARTS

### Dance

3830100, 3830200, 3830300, 3830400

Year 1 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. Years 2-4 provide involvement with movement skills and dance vocabulary at the intermediate to advanced level and continued development in all areas previously covered. Improvisation, informal presentations, and critiquing will be explored. In addition to choreography and manipulation of body, space, force and time, Year 4 will focus on production and performance skills.

#### **2401 Dance 1**

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

#### **2402 Dance 2**

GRADE PLACEMENT: 10-12

PREREQUISITE: Dance 1

CREDIT: 1 UNIT

#### **2403 Dance 3**

GRADE PLACEMENT: 11-12

PREREQUISITE: Dance 2

CREDIT: 1 UNIT

#### **2404 Dance 4**

GRADE PLACEMENT: 12

PREREQUISITE: Dance 3

CREDIT: 1 UNIT

#### **2405 Independent Study in Dance**

84500405

GRADE PLACEMENT: 11-12

PREREQUISITE: Instructor Approval

CREDIT: 1 UNIT (Local)

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

#### **B210 W. Cultural Dance Forms: Hip- Hop**

3830100

GRADE PLACEMENT: 9-12

PREREQUISITE: only at ECHS

CREDIT: 1 UNIT

This course is a study of hip-hop as a cultural dance form in Western Civilization. This course is a hybrid of movement practices and theoretical studies that will engage students with research of hip-hop through a historical context. This is a course about movement as research. During the course of this term, students will engage with writing assignments that demonstrate his/her understanding of the course material, understanding of research methods in movement context, and an understanding of academic writing practices.

**Dance - Folklorico**

3830100, 3830200, 3830300, 3830400

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.

**2407 Dance 1 - Folklorico**

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

**2408 Dance 2 - Folklorico**

GRADE PLACEMENT: 10-12

PREREQUISITE: Folklorico 1

CREDIT: 1 UNIT

**2409 Dance 3 - Folklorico**

GRADE PLACEMENT: 11-12

PREREQUISITE: Folklorico 2

CREDIT: 1 UNIT

**2410 Dance 4 - Folklorico**

GRADE PLACEMENT: 11-12

PREREQUISITE: Folklorico 3

CREDIT: 1 UNIT

**Dance - Company**

3830100, 3830200, 3830300, 3830400

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.

**2400 DANCE COMPANY 1**

GRADE PLACEMENT: 9-12

PREREQUISITE: Audition Only

CREDIT: 1 UNIT

**2419 DANCE COMPANY 3**

GRADE PLACEMENT: 11-12

PREREQUISITE: Dance Company 2 AND Audition

CREDIT: 1 UNIT

**2418 DANCE COMPANY 2**

GRADE PLACEMENT: 10-12

PREREQUISITE: Dance Company 1 AND Audition

CREDIT: 1 UNIT

**2420 DANCE COMPANY 4**

GRADE PLACEMENT: 12

PREREQUISITE: Dance Company 3 AND Audition

CREDIT: 1 UNIT

**Dance – Performance Ensemble**

3833400, 3833500, 3833600

PREREQUISITE: Audition Only

CREDIT: 1 UNIT

This 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.

**2411 Dance Performance Ensemble 2**

GRADE PLACEMENT: 10-12

**2414 Dance Performance Ensemble 4**

GRADE PLACEMENT: 12

**2412 Dance Performance Ensemble 3**

GRADE PLACEMENT: 11-12



## **Dance – Drill Team**

3830100, 3830200, 3830300, 3830400

This ensemble performs at athletic and special events throughout the school year and participates in dance competitions in the spring semester. Summer clinics are required. Dancers must maintain eligibility to perform. Fees for uniforms, practice outfits, clinics, and other items are required. *First year Drill Team members should be placed in 5625 regardless of Dance 1 credit previously earned.*

### **5625 Dance – Drill Team 1**

GRADE PLACEMENT: 9-12

PREREQUISITE: Audition Only

CREDIT: 1.5 UNITS (Fall PE, Full Year FA)

### **5627 Dance – Drill Team 3**

GRADE PLACEMENT: 11-12

PREREQUISITE: Audition Only

CREDIT: 1 UNIT (FA Only)

### **5626 Dance – Drill Team 2**

GRADE PLACEMENT: 10-12

PREREQUISITE: Audition Only

CREDIT: 1.5 UNITS (Fall PE, Full Year FA)

### **5628 Dance – Drill Team 4**

GRADE PLACEMENT: 12

PREREQUISITE: Audition Only

CREDIT: 1 UNIT (FA Only)

## **Theatre**

3250100, 3250100, 3250100, 3250100

All theatre courses require after school participation.

Year 1 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. This introductory theatre course requires attendance of productions and minimal after school rehearsal. Years 2-4 investigate further the world of acting and theatre production. Character study and play analysis allow the Theatre student to explore 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. Advanced Theatre courses require attendance and participation in productions and competitions.

### **2870 Theatre Arts 1**

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

### **2871 Theatre Arts 2**

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

### **2872 Theatre Arts 3**

GRADE PLACEMENT: 9-12

PREREQUISITE: Audition Only

CREDIT: 1 UNIT

### **2873 Theatre Arts 4**

GRADE PLACEMENT: 9-12

PREREQUISITE: Audition Only

CREDIT: 1 UNIT

### **2874 Independent Study – Theatre Arts**

85000874

GRADE PLACEMENT: 11-12

PREREQUISITE: Instructor Approval

CREDIT: 1 UNIT (Local)

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.

### **IB Theatre SL**

I3750200

GRADE PLACEMENT: 9-12

PREREQUISITE: Instructor Approval, only at RHS

CREDIT: 2 UNITS OVER TWO YEARS

Explores three interrelated areas of theatre from the perspective of dramaturgy, 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 is exploratory in nature. *Theatre in Performance* is on the application of skills developed in theatre

in the making. *Theatre in the World* focuses on a practical and theoretical exploration of a range of theatre traditions and cultural practices around the world.

**1468 IB Theatre SL (Year 1)**

**1469 IB Theatre SL (Year 2)**

### **Technical Theatre**

3250500, 3250600, 3251100, 3251200

All technical theatre courses require after school participation.

Year 1 involves students in scenery construction, lighting, costumes, make-up, properties and sound reinforcement for an actual theatre production. This introductory technical theatre course requires attendance of productions. Years 2-4 explore 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. These advanced technical theatre courses encourage students to learn all aspects of technical production and then concentrate on those skills which are of most interest to them. Students in Years 2-4 are required to attend productions, competitive activities and some after school rehearsal.

#### **2875 Technical Theatre 1**

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

#### **2876 Technical Theatre 2**

GRADE PLACEMENT: 10-12

PREREQUISITE: Tech 1

CREDIT: 1 UNIT

#### **2877 Technical Theatre 3**

GRADE PLACEMENT: 11-12

PREREQUISITE: Instructor Approval

CREDIT: 1 UNIT

#### **2878 Technical Theatre 4**

GRADE PLACEMENT: 12

PREREQUISITE: Instructor Approval

CREDIT: 1 UNIT

#### **2827 Independent Study – Technical Theatre 85000827**

GRADE PLACEMENT: 11-12

PREREQUISITE: Instructor Approval

CREDIT: 1 UNIT (Local)

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.

### **Theatre Production**

3250700, 3250800, 3250900, 3251000

Practical experiences in performance and stagecraft are provided through the preparation and public performances of one or more plays/musicals. Theatre Production is designed for both the actor and the tech.

#### **2880 Theatre Production 1**

#### **2881 Theatre Production 2**

#### **2882 Theatre Production 3**

#### **2883 Theatre Production 4**

## MUSIC ARTS

A maintenance fee may be charged to students for the use of uniforms and school-owned instruments. Some activities may require personal expenses. The music director of the program will furnish specific details. All Music Arts courses require performances and rehearsals outside of the school day.

### **Band – Marching/Ensemble**

3150100, 3150200, 3150300, 3150400

PREREQUISITE: Audition Only

CREDIT: 1.5 UNIT (1 FA for the full year, .5 PE for fall semester of Marching Band)

Students participate in both marching and formal performances throughout the school year. The various levels of the band ensembles reflect the degree of performance ability for the students involved. The marching season begins in August and continues through the end of football season. 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 UIL Band Contest. They are encouraged to participate in Solo and Ensemble Contest, All-Region and All-State Tryouts.

#### **2706 Marching/Concert Band 1**

GRADE PLACEMENT: 9-12

#### **2707 Marching/Concert Band 2**

GRADE PLACEMENT: 10-12

#### **2708 Marching/Concert Band 3**

GRADE PLACEMENT: 11-12

#### **2709 Marching/Concert Band 4**

GRADE PLACEMENT: 12

#### **2701 Marching/Symphonic Band 1**

GRADE PLACEMENT: 9-12

#### **2702 Marching/Symphonic Band 2**

GRADE PLACEMENT: 10-12

#### **2703 Marching/Symphonic Band 3**

GRADE PLACEMENT: 11-12

#### **2704 Marching/Symphonic Band 4**

GRADE PLACEMENT: 12

#### **2696 Marching/Varsity Band 1**

GRADE PLACEMENT: 9-12

#### **2697 Marching/Varsity Band 2**

GRADE PLACEMENT: 10-12

#### **2698 Marching/Varsity Band 3**

GRADE PLACEMENT: 11-12

#### **2699 Marching/Varsity Band 4**

GRADE PLACEMENT: 12

#### **2692 Marching/Wind Ensemble 1**

GRADE PLACEMENT: 9-12

#### **2693 Marching/Wind Ensemble 2**

GRADE PLACEMENT: 10-12

#### **2694 Marching/Wind Ensemble 3**

GRADE PLACEMENT: 11-12

#### **2695 Marching/Wind Ensemble 4**

GRADE PLACEMENT: 12

**Band – Stage/Jazz**

3151300, 3151400, 3151500, 3151600

CREDIT: 1 UNIT

Audition and concurrent enrollment in Marching Band is required for this additional band course. Students wishing to play keyboard, guitar or bass guitar may audition and do not need to be in marching band. This unique ensemble 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.

**2721 Stage/Jazz Band 1**

GRADE PLACEMENT: 9-12

**2723 Stage/Jazz Band 3**

GRADE PLACEMENT: 11-12

**2722 Stage/Jazz Band 2**

GRADE PLACEMENT: 10-12

**2724 Stage/Jazz Band 4**

GRADE PLACEMENT: 12

**Color Guard/Winter Guard**

PREREQUISITE: Audition Only

CREDIT: 1.5 UNITS (1 FA for the full year, .5 PE for fall semester during Marching season)

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. Students interested in Color Guard/Winter Guard should speak with the Band Director about which Marching/Ensemble to enroll in for their school.

## **Orchestra Ensemble**

3150500, 3150600, 3150700, 3150800

PREREQUISITE: Audition Only

CREDIT: 1 UNIT

The orchestra courses offered to high school students are strings-only ensembles except upon director approval. Each level of ensemble emphasizes the continuing development of string techniques and quality tone production. Students are instructed in methods of evaluating quality performances in himself, his classmates, the small ensemble, and the larger ensemble. Participation in solos, ensembles and region tryouts are encouraged. Students participate in several concerts each year and UIL Concert and Sight-reading competitions.

### **2761 Concert Orchestra 1**

GRADE PLACEMENT: 9-12

### **2762 Concert Orchestra 2**

GRADE PLACEMENT: 10-12

### **2763 Concert Orchestra 3**

GRADE PLACEMENT: 11-12

### **2764 Concert Orchestra 4**

GRADE PLACEMENT: 12

### **2766 Philharmonic Orchestra 1**

GRADE PLACEMENT: 9-12

### **2767 Philharmonic Orchestra 2**

GRADE PLACEMENT: 10-12

### **2768 Philharmonic Orchestra 3**

GRADE PLACEMENT: 11-12

### **2769 Philharmonic Orchestra 4**

GRADE PLACEMENT: 12

### **2780 Camerata Orchestra 1**

GRADE PLACEMENT: 9-12

### **2765 Camerata Orchestra 2**

GRADE PLACEMENT: 10-12

### **2770 Camerata Orchestra 3**

GRADE PLACEMENT: 11-12

### **2775 Camerata Orchestra 4**

GRADE PLACEMENT: 12

### **2771 Symphonic Orchestra 1**

GRADE PLACEMENT: 9-12

### **2772 Symphonic Orchestra 2**

GRADE PLACEMENT: 10-12

### **2773 Symphonic Orchestra 3**

GRADE PLACEMENT: 11-12

### **2774 Symphonic Orchestra 4**

GRADE PLACEMENT: 12

## **Chamber Orchestra**

3151700, 3151800, 3151900, 3152000

CREDIT: 1 UNIT

Audition and concurrent enrollment in an orchestra ensemble is required for this additional orchestra course. Chamber Orchestra 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.

### **2805 Chamber Orchestra 1**

GRADE PLACEMENT: 9-12

### **2806 Chamber Orchestra 2**

GRADE PLACEMENT: 10-12

### **2807 Chamber Orchestra 3**

GRADE PLACEMENT: 11-12

### **2808 Chamber Orchestra 4**

GRADE PLACEMENT: 9-12

## **Choir Ensemble**

3150900, 3151000, 3151100, 3151200

PREREQUISITE: Audition Only

CREDIT: 1 UNIT

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 as deemed appropriate by the director. Advanced levels provide experiences for the vocal student who has proven to be able to exceed or 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 treble or mixed choirs. All vocal students will participate in UIL Solo and Ensemble Contest and TMEA All-Region auditions is encouraged. TMEA All-Region auditions may be required at the advanced levels.

### **2776 Tenor-Bass Concert Choir 1**

GRADE PLACEMENT: 9-12

### **2777 Tenor-Bass Concert Choir 2**

GRADE PLACEMENT: 10-12

### **2778 Tenor-Bass Concert Choir 3**

GRADE PLACEMENT: 11-12

### **2779 Tenor-Bass Concert Choir 4**

GRADE PLACEMENT: 12

### **2781 Treble Concert Choir 1**

GRADE PLACEMENT: 9-12

### **2782 Treble Concert Choir 2**

GRADE PLACEMENT: 10-12

### **2783 Treble Concert Choir 3**

GRADE PLACEMENT: 11-12

### **2784 Treble Concert Choir 4**

GRADE PLACEMENT: 12

### **2786 Treble Select Choir 1**

GRADE PLACEMENT: 9-12

### **2787 Treble Select Choir 1**

GRADE PLACEMENT: 9-12

### **2788 Treble Select Choir 1**

GRADE PLACEMENT: 9-12

### **2789 Treble Select Choir 1**

GRADE PLACEMENT: 9-12

### **2791 A'Cappella Choir 1**

GRADE PLACEMENT: 9-12

### **2792 A'Cappella Choir 2**

GRADE PLACEMENT: 10-12

### **2793 A'Cappella Choir 3**

GRADE PLACEMENT: 11-12

### **2794 A'Cappella Choir 4**

GRADE PLACEMENT: 12

### **Choir – Vocal Ensemble/Show Choir**

3152100, 3152200, 3152300, 3152400, or PES00054 (for PE credit)

CREDIT: 1 UNIT (either FA or PE)

Audition and concurrent enrollment in A'Cappella are required for this additional choir course. Instrumentalists may join by audition only. Vocal Ensemble 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. A performance outfit fee applies. See the choir director for details.

#### **2801 Vocal Ensemble 1**

GRADE PLACEMENT: 9-12

#### **2801P Vocal Ensemble 1 (for PE credit)**

GRADE PLACEMENT: 9-12

#### **2802 Vocal Ensemble 2**

GRADE PLACEMENT: 10-12

#### **2802P Vocal Ensemble 2 (for PE credit)**

GRADE PLACEMENT: 10-12

#### **2803 Vocal Ensemble 3**

GRADE PLACEMENT: 11-12

#### **2803P Vocal Ensemble 3 (for PE credit)**

GRADE PLACEMENT: 11-12

#### **2804 Vocal Ensemble 4**

GRADE PLACEMENT: 12

#### **2804P Vocal Ensemble 4 (for PE credit)**

GRADE PLACEMENT: 12

### **Other Music Courses**

#### **Music Theory**

PREREQUISITE: Instructor Approval

CREDIT: 1 UNIT

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.

**2711 Music Theory 1** 03155400

**2712 Music Theory 2** 03155500

#### **2715 AP Music Theory**

A3150200

GRADE PLACEMENT: 11-12

PREREQUISITE: Music Theory 1

CREDIT: 1 UNIT GPA: +9 on weighted GPA

AP Exam: Required

FEES: Textbook and other fees may apply  
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.

#### **1466 IB Music HL**

I3250300

GRADE PLACEMENT: 11-12

PREREQUISITE: IB Diploma Programme, only at RHS

CREDIT: 2 UNITS IN ONE YEAR

GPA: +9 on weighted GPA

AP Exam: Optional

IB Assessment: Required

FEES: Textbook and other fees may apply

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.

# CAREER AND TECHNICAL EDUCATION (CTE)

CTE courses are designed to introduce, explore, and enhance student knowledge in a variety of post-secondary fields of work. Programs of Study align these CTE courses into sequences that prepare students with the knowledge and skills necessary for success in their chosen career. These sequences embed relevant, real world experiences and can culminate in an industry-based certification.

All students are encouraged to fulfill the remaining credits for graduation with a Program of Study. Completing a Program of Study can lead to an Endorsement in Arts & Humanities, Business & Industry, Public Services, or Science Technology Engineering & Mathematics (STEM).

Students can choose from the following Programs of Study in CFBISD.

<b>Agriculture, Food and Natural Resources</b> <ul style="list-style-type: none"><li>•Animal Science</li></ul>	<b>Architecture and Construction</b> <ul style="list-style-type: none"><li>•Construction Management and Inspection</li><li>•Architectural Design</li></ul>	<b>Arts, Audio/Video Technology and Communications</b> <ul style="list-style-type: none"><li>•Design and Multimedia Arts</li><li>•Digital Communications</li></ul>	<b>Business, Marketing and Finance</b> <ul style="list-style-type: none"><li>•Accounting and Financial Services</li><li>•Business Management</li><li>•Entrepreneurship</li><li>•Marketing and Sales</li></ul>	<b>Education and Training</b> <ul style="list-style-type: none"><li>•Teaching and Training</li></ul>
<b>Health Science</b> <ul style="list-style-type: none"><li>•Healthcare Diagnostics</li><li>•Emergency Medicine</li><li>•Exercise Science &amp; Wellness</li></ul>	<b>Hospitality and Tourism</b> <ul style="list-style-type: none"><li>•Culinary Arts</li><li>•Lodging and Resort Management</li></ul>	<b>Human Services</b> <ul style="list-style-type: none"><li>•Family and Community Services</li></ul>	<b>Information Technology</b> <ul style="list-style-type: none"><li>•Cybersecurity</li><li>•Information Technology Support and Services</li><li>•Networking Systems</li><li>•Web Development</li></ul>	
<b>Law and Public Service</b> <ul style="list-style-type: none"><li>•Emergency Services</li><li>•Law Enforcement</li><li>•Legal Studies</li></ul>	<b>Manufacturing</b> <ul style="list-style-type: none"><li>•Advanced Manufacturing and Machinery Mechanics</li><li>•Manufacturing Technology</li><li>•Welding</li></ul>	<b>Science, Technology, Engineering and Mathematics</b> <ul style="list-style-type: none"><li>•Engineering</li><li>•Programming and Software Development</li></ul>	<b>Transportation, Distribution and Logistics</b> <ul style="list-style-type: none"><li>•Automotive</li></ul>	

\*CFBISD is in the early stages of offering "Energy" as a Program of Study. Currently, only one course is offered in this field.



---

## AGRICULTURE, FOOD AND NATURAL RESOURCES (AFNR)

---



### Animal Science

Industry Certifications: Licensed Veterinary Technician, Certified Veterinary Assistant

#### **8217 Principle of Agriculture, Food and Natural Resources**

13000200

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

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.

#### **8218 Livestock Production**

13000300

GRADE PLACEMENT: 10-12

PREREQUISITE: Principles of AFNR

CREDIT: 1 UNIT

Introduces the common veterinary skills and procedures used on livestock, anatomy of livestock, genetics and reproduction, and diseases that can affect all livestock animals.

#### **8219 Wildlife, Fisheries and Ecology Management**

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

This course examines the management of game and non-game wildlife species, fish, aquacrops and their ecological needs related to current agricultural practices.

#### **8220 Small Animal Management**

13000400

GRADE PLACEMENT: 9-12

PREREQUISITE: Principles of AFNR

CREDIT: 1/2 UNIT

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 Animal industry.

#### **8221 Equine Science**

13000500

GRADE PLACEMENT: 10-12

PREREQUISITE: Principles of AFNR

CREDIT: 1/2 UNIT

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 Animal Industry.

#### **8222 Veterinary Medical Applications**

13000600

GRADE PLACEMENT: 11-12

PREREQUISITE: 8220, 8221, or 8218

CREDIT: 1 UNIT

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.

#### **8222L Vet Med Applications with Lab**

13000610

GRADE PLACEMENT: 11-12

PREREQUISITE: 8220, 8221, or 8218

CREDIT: 2 UNITS

Incorporates a Lab component with the 8222 course.

#### **8223 Advanced Animal Science**

13000700

GRADE PLACEMENT: 12

PREREQUISITE: Alg1, Geom, Bio, IPC/Chem AND 8220, 8221 or 8218

CREDIT: 1 UNIT

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 the Animal Industry. This course counts as a 4th science credit.

**8224 Agriculture Mechanics and Metal Technologies** 13002200

GRADE PLACEMENT: 10-12

PREREQUISITE: 8217

CREDIT: 1 UNIT

The course develops an understanding of safety and skill in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques.

**8225 Practicum in AFNR**

13002500

GRADE PLACEMENT: 12

PREREQUISITE: 8222

CREDIT: 2 UNITS

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.

**8226 Floral Design**

13001800

GRADE PLACEMENT: 9-11

CREDIT: 1 UNIT

Develops students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises. Through the analysis of artistic floral styles and historical periods, students will develop respect for the traditions and contributions of diverse cultures. Students will respond to and analyze floral designs, thus contributing to the development of lifelong skills of making informed judgments and evaluations. This course satisfies the fine arts graduation requirement.

---

## ARCHITECTURE AND CONSTRUCTION

---



### CONSTRUCTION MANAGEMENT AND INSPECTION

Industry Certifications: NCEER Core Curriculum, OSHA 30Hr Construction



### ARCHITECTURAL DESIGN

Industry Certifications: Autodesk Certified Professional

#### 8241 Principles of Architecture

13004210

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Introduces students to the basic knowledge and skills related to the career opportunities and training and training in the architecture field.

#### 8242 Principles of Construction

13004220

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Introduces students to the basic knowledge and skills related to the career opportunities and training in the architecture and construction fields. Construction, math, safety, hand power tools, communication skills, employability skills, material handling and construction drawings are included.

#### 8243 Architectural Design 1

13004600

GRADE PLACEMENT: 10-12

PREREQUISITE: Alg 1, Eng 1

CREDIT: 1 UNIT

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.

#### Building Maintenance Technology

GRADE PLACEMENT: 10-12

CREDIT: 2 UNITS

Students gain knowledge and skills related to various careers in the construction trade. They 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, and roofing. Year 2 students will be expected to participate at a high level in hands-on lab activities related to the construction trades.

#### 8245 Building Maintenance Tech 1

13005400

#### 8246 Building Maintenance Tech 2

13005500

#### 8240 Construction Management 1

13004900

GRADE PLACEMENT: 9-12

CREDIT: 2 UNITS

Construction Management includes the knowledge of design techniques and tools related to the management of architectural and engineering projects. Students will gain knowledge and skills to enter the workforce as apprentice carpenters or building maintenance supervisors' assistants or to build a foundation toward a postsecondary degree in architecture, construction science, drafting, or engineering. Year 2 students will be able to enter the workforce as carpenters, building maintenance technicians, or supervisors.

**8247 Practicum in Construction****Management** 13006200

GRADE PLACEMENT: 12

PREREQUISITE: 8246

CREDIT: 2 UNITS

Designed to provide classroom technical instruction and on-the-job training experiences. Safety and career opportunities are included in addition to work ethics and job-related study in the classroom.

**8400 Civil Engineering and Architecture**

N1303747

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

Introduces important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architectural design software.

**HVAC and REFRIGERATION TECHNOLOGY**

These courses allow students to gain knowledge and skills needed to enter the industry as technicians in the HVAC and refrigeration industry or building maintenance industry, prepare for a postsecondary degree in a specified field of construction management, or pursue an approved apprenticeship program. Students will acquire knowledge and skills in safety, principles of HVAC theory, use of tools, codes, and installation of HVAC and refrigeration equipment.

**8302 HVAC & Refrigeration Tech 1**

13005800

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

**8303 HVAC & Refrigeration Tech 2**

13005900

GRADE PLACEMENT: 11-12

CREDIT: 2 UNITS

**FASHION DESIGN**

Fashion Design focuses on all aspects of the fashion, textile and apparel industries. Students will be exposed to the apparel production process from design concept to finished product. Students will be expected to develop an understanding of the fashion industry with an emphasis on design, care, maintenance and construction.

**8299 Fashion Design 1**

13009300

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

**8301 Fashion Design 2**

13009300

GRADE PLACEMENT: 11-12

PREREQUISITE: 8299

CREDIT: 1 UNIT

---

## ARTS, A/V TECHNOLOGY AND COMMUNICATION

---



### DESIGN AND MULTIMEDIA COMMUNICATIONS

Industry Certifications: Adobe Certified Associate, Adobe Certified Expert, Apple Logic Pro X



### DIGITAL COMMUNICATIONS

Industry Certifications: Adobe Certified Assoc and Expert, Apple Logic Pro X, Apple Final Cut

#### 8174 Digital Media

13027800

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Students demonstrate creative thinking, develop innovative strategies, and use communication tools in order to work effectively with others as well as independently. Students will gather information electronically, which will allow for problem solving and making informed decisions regarding media projects. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect.

#### 8290 Video Game Design

13009970

GRADE PLACEMENT: 9-12

PREREQUISITE: Principles AAVTC

CREDIT: 1 UNIT

Students will learn gaming, computerized gaming, evolution of gaming, artistic aspects of perspective, design, animation, technical concepts of collision theory, and programming logic. Students will participate in a simulation of a real video game design team while developing technical proficiency in constructing an original game design.

#### 8291 Principles of Arts, A/V Technology and Communications

13008200

GRADE PLACEMENT: 9-11

CREDIT: 1 UNIT

Introduces students to careers in the AAVTC career cluster. 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.

#### 8292 Animation 1

13008300

GRADE PLACEMENT: 10-12

PREREQUISITE: Principles of AAVTC

CREDIT: 1 UNIT

Careers in animation span all aspects of motion graphics. Within this context, students will be expected to develop an understanding of the history and techniques of the animation industry.

#### 8293 Audio/Video Production 1

13008500

GRADE PLACEMENT: 10-12

PREREQUISITE: Principles of AAVTC

CREDIT: 1 UNIT

Develop technical knowledge and skills needed for success in the AAVTC 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.

#### 8294 Prac in Arts, A/V Tech and Comm

13008700

GRADE PLACEMENT: 12

PREREQUISITE: A/V Production or Graphic Design & Illustration

CREDIT: 2 UNITS

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.

## **GRAPHIC DESIGN & ILLUSTRATION**

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Careers in graphic design and illustration span all aspects of the advertising and visual communication industries. Within this context, students will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design. In Year 2, students will be expected to develop an advanced understanding of the industry with a focus on mastery of content knowledge and skills.

**8295 Graphic Design and Illustration 1**  
13008800

**8296 Graphic Design and Illustration 2**  
13008900

## **COMMERCIAL PHOTOGRAPHY**

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

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.

**8297 Commercial Photography 1**  
13009100

**8298 Commercial Photography 2**  
13009200

---

## BUSINESS, MARKETING AND FINANCE

---



### **BUSINESS MANAGEMENT**

Industry Certifications: MSO Specialist or Expert Excel/Word, Google Cloud G-Suite, Assoc in Project Management



### **ACCOUNTING AND FINANCIAL SERVICES**

Industry Certifications: Quickbooks Certified User, MSO Specialist or Expert Excel



### **MARKETING & SALES**

Industry Certifications: MSO Specialist or Expert Excel/Word, Google Analytics, Entrepreneurship and Small Business

#### **8262 Principles of Business, Marketing and Finance** 13011200

GRADE PLACEMENT: 9-11

CREDIT: 1 UNIT

Students gain knowledge and skills in economies and private enterprise systems, the impact of global business, the marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles.

#### **8300 Professional Communications**

GRADE PLACEMENT: 9-12

CREDIT: ½ UNIT

Blends written, oral, and graphic communication in a career-based environment. 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.

#### **8320 Statistics & Business Decision Making** 13016900

GRADE PLACEMENT: 11-12

PREREQUISITE: Alg 2

Applies mathematics to problems arising in everyday life, society, and the workplace using a problem-solving model that incorporates analyzing given information, formulating a plan or strategy, determining a solution, justifying the solution, and evaluating the problem-solving process and the reasonableness of the solution;

#### **8321 Business English**

13011600

GRADE PLACEMENT: 12

PREREQUISITE: Eng 3

CREDIT: 1 UNIT

Students enhance communication and research skills by applying them to the business environments, in addition to exchanging information and producing properly formatted business documents using emerging technology.

#### **BUSINESS INFORMATION MANAGEMENT**

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce and postsecondary education. Students apply technical skills to address business applications of emerging technologies, create word-processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software. Year 2 students apply technical skills to these applications.

**8263 Business Info Mgmt 1** 13011400

**8264 Business Info Mgmt 2** 13011500

**8265 Business Law**

13011700

GRADE PLACEMENT: 11-12

CREDIT: 1 UNIT

Business Law is designed for students to analyze various aspects of the legal environment, including ethics, the judicial system, contracts, personal property, sales, negotiable instruments, agency and employment, business organization, risk management, and real property.

**8266 Global Business**

13011800

GRADE PLACEMENT: 10-12

CREDIT: ½ UNIT

Designed for students to analyze global trade theories, international monetary systems, trade policies, politics, and laws relating to global business as well as cultural issues, logistics, and international human resource management.

**8267 Human Resource Management**

13011900

GRADE PLACEMENT: 11-12

CREDIT: ½ UNIT

Designed to familiarize students with the concepts related to human resource management. Students also become familiar with compensation and benefits programs as well as workplace safety, employee-management relations, and global impacts on human resources.

**8268 Virtual Business**

13012000

GRADE PLACEMENT: 11-12

PREREQUISITE: BIM 1 Recommended

CREDIT: ½ UNIT

Students identify steps needed to locate customers, set fees and develop client contracts, provide administrative, creative, and technical services using advanced technological modes of communication and data delivery.

**8269 Business Management**

13012100

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

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.

**8280 Banking and Financial Services**

13016300

GRADE PLACEMENT: 10-12

PREREQUISITE: Principles of BMF

CREDIT: ½ UNIT

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.

**ACCOUNTING**

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

Students will 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 will reflect on this knowledge as they engage in the process of recording, classifying, summarizing, analyzing, and communicating accounting information. Students will formulate and interpret financial



information for use in management decision making. Year 2 students will formulate, interpret, and communicate financial information for use in management decision making. Students will use equations, graphical representations, accounting tools, spreadsheet software, and accounting systems in real-world situations to maintain, monitor, control, and plan the use of financial resources.

**8281 Accounting 1** 13016600

**8282 Accounting 2** 13016700

### **8283 Social Media Marketing**

13034650

GRADE PLACEMENT: 9-12

CREDIT: 1/2 UNIT

Designed to look at the rise of social media and how marketers are integrating social media tools in their overall marketing strategy. The course will investigate how the marketing community measures success in the new world of social media. Students will manage a successful social media presence for an organization, understand techniques for gaining customer and consumer buy-in to achieve marketing goals, and properly select social media platforms to engage consumers and monitor and measure the results of these efforts.

### **8285 Fashion Marketing**

13034300

GRADE PLACEMENT: 9-12

CREDIT: 1/2 UNIT

Designed to provide students with knowledge of the various business functions specific to the fashion industry. Students in Fashion Marketing will gain a working knowledge of promotion, textiles, merchandising, mathematics, selling, visual merchandising, and career opportunities.

### **8284 Advertising**

13034200

GRADE PLACEMENT: 10-12

CREDIT: 1/2 UNIT

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.

### **ENTREPRENEURSHIP**

GRADE PLACEMENT: 10-12

In Entrepreneurship, students will gain the knowledge and skills needed to become an entrepreneur. Students will learn the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services. In addition, students will understand the capital required, the return on investment desired, and the potential for profit.

**8286 Entrepreneurship 1** 13034400

**8425 Entrepreneurship 2** N1303423

### **8287 Sports & Entertainment Marketing**

13034650

GRADE PLACEMENT: 9-12

CREDIT: 1/2 UNIT

Sports and Entertainment Marketing will provide students with a thorough understanding of the marketing concepts and theories that apply to sports and entertainment. The areas this course will cover include basic marketing concepts, publicity, sponsorship, endorsements,

licensing, branding, event marketing, promotions, and sports and entertainment marketing strategies.

**8288 Advanced Marketing**

13034700

GRADE PLACEMENT: 11-12

PREREQUISITE: any Marketing course

CREDIT: 2 UNITS

Students will gain knowledge and skills that help them become proficient in one or more of the marketing functional areas. Students will illustrate appropriate management and research skills to solve problems related to marketing. This course covers technology, communication, and customer-service skills.

**8227 Project-Based Research**

12701500

GRADE PLACEMENT: 11-12

CREDIT: 1 UNIT

Students will research a real-world problem; they are matched with a mentor from the business or professional community to develop an original project on a topic related to career interests. Students use scientific methods of investigation to conduct in-depth research, compile findings, and present their findings to an audience that includes experts in the field.

**CAREER PREP**

GRADE PLACEMENT: 11-12

CREDIT: 2 UNITS

EXTENDED CREDIT: 1 UNIT

Provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. Year 2 develops essential knowledge and skills through advanced classroom instruction with business and industry employment experiences. It maintains relevance and rigor, supports student attainment of academic standards, and effectively

prepares students for college and career success. 10 hours per week at paid job site. **EXTENDED** courses must be taken concurrently with Career Prep and may not be taken as a stand-alone course.

**8229 Career Prep 1**

12701300

**8229E Extended Career Prep 1**

12701305

TAKEN WITH : 8229

**8230 Career Prep 2**

12701300

**8230E Extended Career Prep 2**

12701305

TAKEN WITH: 8230

**PRACTICUM IN BUSINESS MANAGEMENT**

GRADE PLACEMENT: 11-12

CREDIT: 2 UNITS

EXTENDED CREDIT: 1 UNIT

Supervised practical application of previously studied knowledge and skills in Business Management. **EXTENDED** courses must be taken concurrently with Practicum in Business Management and may not be taken as a stand-alone course.

**8270 Prac in Business Mgmt 1**

13012200

**8270E Extended Prac Bus Mgmt 1**

13012205

TAKEN WITH: 8270

**8271 Prac in Business Mgmt 2**

13012210

**8271E2 Extended Prac Bus Mgmt 2**

13012215

TAKEN WITH: 8271

**PRACTICUM IN MARKETING**

GRADE PLACEMENT: 11-12

PREREQUISITE: courses in Marketing cluster

CREDIT: 2 UNITS

EXTENDED CREDIT: 1 UNIT

Supervised experience in fields associated with distribution, financing, marketing information management, pricing, product planning, promotion, purchasing, risk management, and selling skills. **EXTENDED** courses must be taken concurrently with Practicum in Marketing and may not be taken as a stand-alone course.

**8289 Prac in Marketing (1<sup>st</sup> Time Taken)**  
13034800

**8289E Extended Prac in Marketing**  
13034805  
TAKEN WITH: 8289

**8289S Prac in Marketing (2<sup>nd</sup> Time Taken)**  
13034810

**8289E2 Extended Prac in Marketing**  
13034815  
TAKEN WITH: 8289S

**WORK EXPERIENCE – OUT PERIOD**

GRADE PLACEMENT: 11-12

TAKEN WITH: 8229, 8230, 8270, or 8271

CREDIT: 0 UNITS

These courses must be taken concurrently with a Practicum or Career Preparation Course and may not be taken as a stand-alone course. It does not earn credits of any type toward graduation. Work Experience is designed as an opportunity for students to have an early arrival time at their chosen work-based learning experience. It is not a requirement to have out periods.

**9916 Work Experience 1 – Out Period**  
**9917 Work Experience 2 – Out Period**

---

## EDUCATION AND TRAINING

---



### Teaching and Training

Industry Certifications: TEA Educational Aide 1

#### **8273 Principles of Education & Training**

13014200

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

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.

#### **8274 Human Growth and Development**

13014300

GRADE PLACEMENT: 10-12

PREREQUISITE: PRINCIPLES OF  
EDUCATION AND TRAINING

CREDIT: 1 UNIT

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.

#### **8275 Instructional Practices**

13014400

GRADE PLACEMENT: 11-12

CREDIT: 2 UNITS

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.

#### **8276 Practicum in Education & Training**

13014500

GRADE PLACEMENT: 12

PREREQUISITE: 8275

CREDIT: 2 UNITS

Work under the joint direction and supervision of both a teacher with knowledge of early childhood, middle childhood, and adolescence education and exemplary educators in direct instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and complete other responsibilities of classroom teachers, trainers, paraprofessionals, or other educational personnel.

---

## ENERGY

---



### **Oil and Gas – Exploration & Production**

Industry Certifications: coming in future years as courses are added to this Program of Study



### **Refining & Chemical Process**

Industry Certifications: coming in future years as courses are added to this Program of Study

### **8330 Foundations of Energy**

13040503

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Students conduct laboratory and field investigations, use scientific practices during investigations, and make informed decisions using critical thinking and scientific problem solving. Various systems will be described in terms of energy. Students will study a variety of topics that include energy transformation, the law of conservation of energy, energy efficiency, interrelationships among energy resources and society, and sources and flow of energy through the production, transmission, processing, and use of energy.

---

## HEALTH SCIENCE

---



### **Healthcare Diagnostics**

Industry Certifications: EKG/ECG Technician, Medical Laboratory Technician, Phlebotomy Technician



### **Emergency Medical Technician**

Industry Certifications: Phlebotomy Technician



### **Exercise Science & Wellness**

Industry Certifications: Certified Personal Trainer

### **6637 Anatomy & Physiology**

13020600

GRADE PLACEMENT: 11-12

PREREQUISITE: Bio, Chem

CREDIT: 1 UNIT

NOTE: Can be 4<sup>th</sup> year of Science

Extends understanding of the structure and function of the human body.

Students 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 applied to human health and well-being.

### **8232 Principles of Health Science**

13020200

GRADE PLACEMENT: 9

CREDIT: 1 UNIT

Provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry. This course must be taken with Health Science Clinical.

**8233 Health Science Theory**

13020400

GRADE PLACEMENT: 10

PREREQUISITE: 8232

CREDIT: 1 UNIT

NOTE: May count as Health credit  
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.

**8233C Health Science Clinical**

13020410

GRADE PLACEMENT: 10

TAKEN WITH: 8233

CREDIT: 1 UNIT

This course must be taken concurrently with the Health Science Theory and may not be taken as a stand-alone course.

**PRACTICUM IN HEALTH SCIENCE**

13020500

GRADE PLACEMENT: 12

PREREQUISITE: Bio, Chem, 8232 &amp; 8233

CREDIT: 2 UNITS

EXTENDED CREDIT: 1 UNIT

Designed to give students practical application of previously studied knowledge and skills. Practicum experience will include skills lab and practical experience. Students will prepare for and take the certification exam at the end of the course. **Extended** course work must be taken concurrently with Practicum in Health Science and may not be taken as a stand-alone course.

**8234 Prac in Hlth Sci (CNA)****8235 Prac in Hlth Sci (Pharm Tech)****8236 Prac in Hlth Sci (Hospital Rotations)****8236E Extended Prac in Health Science**

13020505

TAKEN WITH: 8234, 8235 or 8236

**8237 Emergency Med Tech - Basic**

N1303015

GRADE PLACEMENT: 12

PREREQUISITE: Bio, Chem, 8232 &amp; 8233

CREDIT: 2 UNITS

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.

**8420 Principles of Exercise Science & Wellness**

N1302107

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Designed to provide for the development of knowledge and skills in fields that assist patients with maintaining physical, mental, and emotional health. Students in this course will understand diet and exercise, as well as techniques to help patients recover from injury, illness, and disease. They will also learn about introductory health science topics such as employability skills, lifespan development, and ethical and legal standards.

**8421 Kinesiology 1**

N1302104

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Introduces students to the basic concepts of kinesiology. Students will gain an understanding of body mechanics, physiological functions of muscles and movements, the history of kinesiology, and the psychological impact of sports and athletic performance.

---

## HOSPITALITY AND TOURISM

---



### **Culinary Arts**

Industry Certifications: Certified Fundamentals or Pasty Cook, ServSafe Manager



### **Lodging and Resort Management**

Industry Certifications: Entrepreneurship and Small Business, Certified Assoc in Project Management

#### **8200 Principles of Hospitality and Tourism**

13022200

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Principles of Hospitality and Tourism introduces students to an industry that encompasses lodging, travel and tourism, recreation, amusements, attractions, and food/beverage operations. Students learn knowledge and skills focusing on communication, time management, and customer service that meet industry standards.

#### **8201 Introduction to Culinary Arts**

13022550

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

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 commercial kitchen. It is offered as a classroom-based course for students interested in pursuing a career in the food service industry.

#### **8202 Culinary Arts**

13022600

GRADE PLACEMENT: 11-12

PREREQUISITE: PRINCIPLES OF HOSPITALITY AND TOURISM OR INTRODUCTION TO CULINARY ARTS

CREDIT: 2 UNITS

Culinary Arts begins with the fundamentals and principles of the art of cooking and the science of baking and includes management and production skills and techniques. Students can pursue a national sanitation certification or other appropriate industry certifications.

#### **8203 Advanced Culinary Arts**

13022650

GRADE PLACEMENT: 12

PREREQUISITE: CULINARY ARTS

CREDIT: 2 UNITS

Advanced Culinary Arts will extend content and enhance skills introduced in Culinary Arts by in-depth instruction of industry-driven standards in order to prepare students for success in higher education, certifications, and/or immediate employment.

#### **8196 Hotel Management**

13022300

GRADE PLACEMENT: 9-12

PREREQUISITE: 3 YEARS OF SCIENCE

CREDIT: 1 UNIT

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.

#### **8197 Travel and Tourism Management**

13022500

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

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.

**8198 Hospitality Services**

13022800

GRADE PLACEMENT: 11-12

CREDIT: 2 UNIT

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.

**8335 Intro to Event and Meeting Planning**

N1302269

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

Introduces students to the concepts and topics necessary for the comprehensive understanding of the fundamentals of the meetings, conventions, events, and exposition industries. The course will review the roles of the organizations and people involved in the businesses that comprise the Meetings, Events, Expositions and Convention (MEEC) industry.

**8336 Tourism Marketing Concepts and Applications**

N1302270

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

Provide students with a thorough understanding of marketing concepts and theories that apply to the travel and tourism industry to include lodging, food and beverage operations, recreation, amusements, attractions, convention and visitors' bureaus and tourism companies. While general concepts of marketing for travel and tourism are similar to the

marketing of other products and services, the travel and tourism industry has unique characteristics that create a variety of challenges and opportunities specific to and important for tourism marketing professionals. Students will learn broad tourism marketing concepts such as understanding a product/service, pricing out a product/service, promoting a product/service with a focus on direct sales and the placement or distribution channels for a product. They will also be introduced to the concepts of markets, market segmentation, and customer needs related to the tourism industry.

**PRACTICUM**

GRADE PLACEMENT: 12

PREREQUISITE: 8202, Teacher Approval

CREDIT: 2 UNITS

EXTENDED CREDIT: 1 UNIT

Provides occupationally specific opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences in the hotel/service industry. Students will be placed in internship positions at hotels via local hotel associations. **Extended** course work must be taken concurrently with Practicum in Hospitality Services and may not be taken as a stand-alone course.

**8204 Practicum in Hospitality Services**

13022900

**8204E Extended Prac in Hospitality Serv**

1322905

TAKEN WITH: 8204



---

## HUMAN SERVICES

---



### Family and Community Services

Industry Certifications: Community Health Worker, Certified Assoc in Project Management



### Cosmetology

Industry Certifications: (after HS) Cosmetologist Licensure

#### 8206 Principles of Human Services

13024200

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Enables students to investigate careers in the human services career cluster, including counseling and mental health, early childhood development, family and community, personal care services and consumer 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.

#### 8207 Dollars and Sense

13024300

GRADE PLACEMENT: 11-12

CREDIT: ½ UNIT

Focuses on consumer practices and responsibilities, money-management processes, decision-making skills, impact of technology, and preparation for human services careers.

#### 8208 Interpersonal Studies

13024400

GRADE PLACEMENT: 9-12

CREDIT: ½ UNIT

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 Lifetime Nutrition and Wellness

13024500

GRADE PLACEMENT: 10-12

CREDIT: ½ UNIT

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 and tourism, education and training, human services, and health sciences.

#### 8210 Child Development

13024700

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

Addresses knowledge and skills related to child growth and development from prenatal through school-age children, equipping students with child development skills. Students use these skills to promote the well-being and healthy development of children and investigate careers related to the care and education of children.

#### 8212 Family and Community Services

13024900

GRADE PLACEMENT: 11-12

CREDIT: 1 UNIT

Involves students in realistic and meaningful community-based activities through direct service or service-learning experiences. Students are provided opportunities to interact with and provide services to individuals, families, and the community through community or volunteer services. Emphasis is placed on developing and enhancing organizational and leadership skills and characteristics.

## **PRACTICUM**

GRADE PLACEMENT: 11-12

PREREQUISITE: 8206, 8207, 8209, 8212

CREDIT: 2 UNITS

EXTENDED CREDIT: 1 UNIT

This course provides background knowledge and occupation-specific training that focuses on the development of consumer services, early childhood development and services, counseling and mental health services, and family and community-services careers. It is designed to meet the occupational preparation needs and interests of students and should be based upon the knowledge and skills selected from two or more courses in a coherent sequence in the Human Services Cluster. **Extended** course work must be taken concurrently with Practicum in Human Services and may not be taken as a stand-alone course.

**8213 Practicum in Human Services 1**  
13025000

**8213E Extended Prac in Human Serv 1**  
13025005  
TAKEN WITH: 8213

**8213S Practicum in Human Services 2**  
13025010

**8213E2 Extended Prac in Human Serv 2**  
13025015  
TAKEN WITH: 8213S

**8214 Introduction to Cosmetology**  
13025100

GRADE PLACEMENT: 9-10

PREREQUISITE: Only at RLT

CREDIT: 1 UNIT

Provides students with introductory theory needed to achieve their Texas Cosmetology License. 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 fill out an application and upon acceptance, purchase a \$25 student permit from TDLR (Non-Refundable). Students must clock a minimum of 150 hours during this year to progress to Cosmetology I. Concurrent students are welcome but are required to transfer to R.L. Turner High School to complete Cosmetology 1 and Cosmetology 2 in order to finish the program.

## **8215 Cosmetology 1**

13025200

GRADE PLACEMENT: 10-11

PREREQUISITE: 8214

CREDIT: 2 UNITS

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 (Non-Refundable) and wear a uniform prior to the start of the school year. This kit will be used over the remaining two years students are in the program. Students must clock a minimum of 600 hours to advance.

## **8216 Cosmetology 2**

13025300

GRADE PLACEMENT: 11-12

PREREQUISITE: 8215

CREDIT: 2 UNITS

Continues to grow 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 for graduation (English, science, math, etc.) and clock 1,000 hours in the cosmetology classroom in order to take their Cosmetology exams for licensure. Taking the written exam is mandatory and will be part of the final grade, prior to graduation.

---

## INFORMATION TECHNOLOGY

---



### Networking Systems

Industry Certifications: Oracle Assoc Java, Oracle Database Assoc, Cisco CENT



### Information Technology Support and Services

Industry Certifications: Windows OS Fundamentals, ERSI ArcGIS Desktop Entry, CompTIA A+ & IT Fund



### Web Development

Industry Certifications: Oracle Assoc Java, WD Web Design Cert, MS Technology Assoc

#### 8171 Principles of Info Technology

13027200

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

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.

#### Computer Maintenance

GRADE PLACEMENT: 10-12

PREREQUISITE: 8171

CREDIT: 1 UNIT

Students will acquire knowledge of computer maintenance and creating appropriate documentation, 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 related to computer maintenance.

#### 8177 Computer Maintenance

13027300

#### 8177L Computer Maintenance Lab

13027310

TAKEN WITH: 8177

#### 8178 Networking

13027400

GRADE PLACEMENT: 10-12

PREREQUISITE: 8177 & 8177

CREDIT: 1 UNIT

Students will develop knowledge of the concepts and skills related to data networking technologies and practices in order to apply them to personal or career development. To prepare for success, students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems.

#### 8310 Internetworking Technologies 1

N1302803

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

Comprised of the courses called Cisco CCNA R&S: Introduction to Networks (CCNA 1) and Cisco CCNA R&S: Routing and Switching Essentials (CCNA 2). The Introduction to Networks course introduces the concept of networking, using various analogies to help the student understand the movement of packets throughout the Internet, and the protocol standards used. The Routing and Switching course moves the student into the theory of "moving packets." The concepts of routing and switching "packets" to the correct destination is covered, and how a network administrator can direct and/or streamline this process through device configuration and deployment.

**8175 Web Design**

03580820

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

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.

**8315 Independent Study in Evolving/Emerging Technologies**

03581500

GRADE PLACEMENT:

CREDIT: 1 UNIT

Through the study of evolving/emerging technologies, including technology-related terms, concepts, and data input strategies, students will communicate information in different formats and to diverse audiences using a variety of technologies. Students will learn to make informed decisions, develop and produce original work that exemplifies the standards identified by the selected profession or discipline, and publish the product in electronic media and print. By using technology as a tool that supports 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. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts.

**PRACTICUM**

GRADE PLACEMENT: 12

PREREQUISITE: Any IT Sequence

CREDIT: 2 UNITS

EXTENDED CREDIT: 1 UNIT

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. **Extended** course work must be taken concurrently with Practicum in Information Technology and may not be taken as a stand-alone course.

**8176 Prac in Information Technology**

13028000

**8176E Extended Prac in Info Tech**

13028005

TAKEN WITH: 8176

**8403 Fundamentals of Computer Science** 03580140

GRADE PLACEMENT: 9-12

PREREQUISITE: Alg 1 (or concurrent)

CREDIT: 1 UNIT

Intended as a first course for those students just beginning the study of computer science. By using computer science 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 computer science through the study of technology operations and concepts.

## **COMPUTER SCIENCE**

GRADE PLACEMENT: 9-12

PREREQUISITE: Alg 1 (or concurrent)

CREDIT: 1 UNIT

Provides beginning skills and concepts associated with programming methodology, programming languages, data types, data structures, algorithms and applications of computing. Year 2 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.

### **8401 Computer Science 1**

03580200

### **8402 Computer Science 2**

03580300

## **AP COMPUTER SCIENCE**

PREREQUISITE: 8401

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

Develops beginning skills and concepts associated with programming methodology, programming languages, data types, data structures, algorithms and applications of computing. The Principles course introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world with a unique focus on creative problem solving and real-world applications.

### **4005 AP Computer Science A**

A3580110 – math credit

A3580120 – world language credit

### **4006 AP Computer Science Principles**

A3580300

## **8408 Foundations of Cybersecurity**

03580850

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

In the Foundations of Cybersecurity course, students will develop the knowledge and skills needed to explore fundamental concepts related to the ethics, laws, and operations of cybersecurity. Students will examine trends and operations of cyberattacks, threats, and vulnerabilities. Students will review and explore security policies designed to mitigate risks. The skills obtained in this course prepare students for additional study in cybersecurity.

### **8405 Cybersecurity Capstone**

03580855

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Students will develop the knowledge and skills needed to explore advanced concepts related to the ethics, laws, and operations of cybersecurity. Students will examine trends and operations of cyberattacks, threats, and vulnerabilities. Students will develop security policies to mitigate risks. The skills obtained in this course prepare students for additional study toward industry certification. A variety of courses are available to students interested in the cybersecurity field.

### **8406 Game Programming and Design**

03580380

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

Solve gaming problems through data analysis, including the identification of task requirements, planned search strategies, and programming concepts to access, analyze, and evaluate information needed to design games. Research current laws and regulations and by practicing integrity and respect. Students will create a computer game that is presented to an evaluation panel.

**8416 Web Game Development**

03580830

GRADE PLACEMENT: 11-12

PREREQUISITE: 8175

CREDIT: 1 UNIT

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. 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.

**8407 Mobile Application Development**

03580390

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

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 gain an understanding of the principles of mobile application development through the study of development platforms, programming languages, and software design standards.

---

## LAW, PUBLIC SAFETY, CORRECTIONS AND SECURITY

---



### Law Enforcement

Industry Certifications: Non-Commissioned Security Officer, Emergency Telecommunicator



### Legal Studies

Industry Certifications: pursuit of certified paralegal or attorney of law licensure

#### **8140 Principles of Government & Public Administration**

13018200

GRADE PLACEMENT: 9-11

CREDIT: 1 UNIT

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.

#### **Law Enforcement**

GRADE PLACEMENT: 10-12

PREREQUISITE: 8140

CREDIT: 1 UNIT

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. Year 2 builds upon the knowledge and skills of Law Enforcement I with an emphasis on practicing police strategies in simulated settings.

#### **8149 Law Enforcement 1**

13029300

#### **8154 Law Enforcement 2**

13029400

#### **8155 Forensic Psychology**

N1303012

GRADE PLACEMENT: 10-12

PREREQUISITE: Bio, Chem

CREDIT: 1 UNIT

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.

#### **Political Science**

GRADE PLACEMENT: 10-12

PREREQUISITE: 8140

CREDIT: 1 UNIT

Political Science 1 explores the philosophical and theoretical underpinnings of various forms of government, both within the United States and throughout the world. Year 2 uses a variety of learning methods and approaches to examine the processes, systems, and political dynamics of the United States and other nations. The dynamic component of this course includes current U.S. and world events.

#### **8141 Political Science 1**

13018300

#### **8142 Political Science 2**

13018400

**8153 Legal Research and Writing**

N1303014

GRADE PLACEMENT: 10-12

PREREQUISITE: Law and PS Academy

CREDIT: 1 UNIT

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. Students obtain courtroom exposure and simulations through Mock Trial events.

**Dual Credit Options**

GRADE PLACEMENT: 11-12

PREREQUISITE: Law &amp; PS Academy, Acceptance to Dallas College

<https://www.dcccd.edu/high-school-students/dual-credit/pages/default.aspx>

CREDIT: 1 UNIT each semester

COLLEGE CREDIT: 3 HRS each

GPA: no impact

FEES: textbook and other fees may apply

These courses are taught at CHS by an Academy teacher.

**8148D Princ of Law, Public Safety, Corrections & Security** 13029200

This course matches to Dallas College course Intro to CRIJ 1301 – Criminal Justice.

**8151D Correctional Services**

13029700

This course matches to Dallas College course Intro to CRIJ 1307 – Crime in America.

**8150D Court Systems and Practices**

13029600

This course matches to Dallas College course Intro to CRIJ 1306 – Court Systems and Practices.

**8147D Criminal Investigation**

13029550

This course matches to Dallas College course Intro to CRIJ 1310 – Fundamentals of Criminal Law.



---

## MANUFACTURING

---



### Welding

Industry Certifications: AWS Welder, NCCER Welding 1, API 1104 Welding, ASW SENSE Level 1

#### 8167 Introduction to Welding

13032250

GRADE PLACEMENT: 9-12

PREREQUISITE: Alg 1

CREDIT: 1 UNIT

Introduction to welding technology with an emphasis on basic welding lab principles and operating procedures. Topics include industrial safety and health practices, hand tool and power machine use, measurement, laboratory operating procedures, welding power sources, career potential and introduction to codes and standards.

#### Welding

GRADE PLACEMENT: 10-12

PREREQUISITE: Alg 1

CREDIT: 2 UNITS

LAB CREDIT: 1 UNIT

Develops an understanding of welding with an emphasis on math technologies, evaluating the function and application of the tools, equipment, technologies, and materials used in welding, understanding joint design, symbols and welds and identify the proper welding types and techniques used. Students will also evaluate different types of metals. Year 2 builds on the knowledge and skills developed in Welding 1. They will also apply these concepts and skills to perform tasks and construct projects. A Year 2 Lab course is also available.

#### 8168 Welding 1

13032300

#### 8169 Welding 2

13032400

#### 8169L Welding 2 Lab

13032410

#### 8166 Manufacturing Engineering Technology

13032900

GRADE PLACEMENT: 9-12

CREDIT: 1 UNITS

Students gain knowledge and skills in the application, design, production, and assessment of products, services, and systems and how those knowledge and skills are applied to manufacturing. Students will prepare for success in the global economy. The study of manufacturing engineering will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in a manufacturing setting.

#### Practicum

GRADE PLACEMENT: 11-12

PREREQUISITE: any Manufacturing course

CREDIT: 2 UNITS

EXTENDED CREDIT: 1 UNIT

The Practicum in Manufacturing course is designed to give students supervised practical application of previously studied knowledge and skill. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. This can be a paid or unpaid experience. **Extended** course work must be taken concurrently with Practicum in Manufacturing and may not be taken as a stand-alone course.

#### 8170 Practicum in Manufacturing

13033000

#### 8170E Extended Prac in Manufacturing

13033005

---

## SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS (STEM)

---



### Biomedical Science

Industrial Certifications: Medical Lab Assistant, Medical Lab Technician



### Engineering

Industrial Certifications:



### Programming and Software Development

Industrial Certifications:

#### **8250 Principles of Bioscience**

13036300

GRADE PLACEMENT: 9

TAKEN WITH: Bio

CREDIT: 1 UNIT

This course will provide an overview of biotechnology, bioengineering, and related fields. Topics will include cell structure, proteins, nucleic acids, enzymatic reactions, genetics, immunology, etc. This will be used to understand the role Biotechnology plays in important agriculture, medicine, the environment, bioenergy, and other spheres. Students will be briefly introduced to nanotechnology, as used in medical research.

#### **BIOTECHNOLOGY**

GRADE PLACEMENT: 10-12

PREREQUISITE: 8254

CREDIT: 1 UNIT

This is a project-based environment focused on implementation of the design process. Students will build prototypes or use simulation software to test their designs. Additionally, students will explore career opportunities, employer expectations, and educational needs in the robotic and automation industry. In Year 2, students will explore artificial intelligence and programming in the robotic and automation industry. Students will build prototypes and use software to test their designs.

#### **8409 Biotechnology 1**

13036400

#### **8410 Biotechnology 2**

13036450

#### **8249 Principles of Applied Engineering**

13036200

GRADE PLACEMENT: 9-10

CREDIT: 1 UNIT

Principles of Applied Engineering provides an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships. Students will develop engineering communication skills, which include computer graphics, modeling and presentations, by using a variety of computer hardware and software applications to complete assignments and projects. Upon completing this course, students will have an understanding of the various fields of engineering and will be able to make informed career decisions. Further, students will have worked on a design team to develop a product or system. Students will use multiple software applications to prepare and present course assignments.

**8251 Computer Integrated Manufacturing (PLTW)**

N1303748

GRADE PLACEMENT: 10-12

PREREQUISITE: 8249 &amp; 8253

CREDIT: 1 UNIT

Students will discover and explore manufacturing processes, product design, robotics and automation. They will then apply what they have learned by designing their own solutions for real-world manufacturing problems and utilizing associated equipment and technology such as a computer numerical control (CNC) machine. This course's curriculum is based on current industry standards, and students will be given the opportunity to pursue an Advanced Manufacturing and Design Certification.

**8166 Manufacturing Engineering Technology 13032900**

GRADE PLACEMENT: 10-12

PREREQUISITE: Alg 1

CREDIT: 1 UNIT

Students will gain knowledge and skills in the application, design, production, and assessment of products, services, and systems and how those knowledge and skills are applied to manufacturing. Students will prepare for success in the global economy. The study of manufacturing engineering will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in a manufacturing setting.

**8253 Introduction to Engineering Design (PLTW) N1303742**

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

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.

**ENGINEERING DESIGN AND PRESENTATION**

GRADE PLACEMENT: 10-12

PREREQUISITE: Alg 1, 8249

Engineering Design and Presentation is a continuation of knowledge and skills learned in Principles of Applied Engineering. Students enrolled in this course will demonstrate knowledge and skills of the design process as it applies to engineering fields using multiple software applications and tools necessary to produce and present working drawings, solid model renderings, and prototypes. Students will use a variety of computer hardware and software applications to complete assignment and projects.

**8254 Engineering Design & Pres 1**

13036500

CREDIT: 1 UNIT

**8411 Engineering Design & Pres 2**

13036600

CREDIT: 2 UNITS

**8252 Engineering Mathematics**

13036700

GRADE PLACEMENT: 11-12

PREREQUISITE: Alg 2

CREDIT: 1 UNIT

Students solve and model design problems. Students will use a variety of mathematical methods and models to represent and analyze problems that represent a range of real-world engineering applications such as robotics, data acquisitions, spatial applications, electrical measurement, manufacturing process, materials engineering, mechanical drives pneumatics, process control systems, quality control and computer programming.

## **SCIENTIFIC RESEARCH AND DESIGN**

GRADE PLACEMENT: 10-12

PREREQUISITE: Physics and 1 other lab sci

CREDIT: 1 UNIT

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. Year 2 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.

### **8257 Scientific Research and Design 1**

13037200

### **8258 Scientific Research and Design 2**

13037210

### **8259 Engineering Design and Problem Solving**

13037300

GRADE PLACEMENT: 10-12

PREREQUISITE: Alg 2, Chem, Physics

CREDIT: 1 UNIT

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.

## **8260 Engineering Science (PLTW)**

13037500

GRADE PLACEMENT: 9-12

PREREQUISITE: 8253

CREDIT: 1 UNIT

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.

### **8261 Digital Electronics**

13037600

GRADE PLACEMENT: 11-12

PREREQUISITE: 8249

CREDIT: 1 UNIT

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.

### **8403 Fundamentals of Computer Science**

03580140

GRADE PLACEMENT: 9-12

PREREQUISITE: Alg 1 (or concurrent)

CREDIT: 1 UNIT

Intended as a first course for those students just beginning the study of computer science. By using computer science 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 computer science through the study of technology.

## **COMPUTER SCIENCE**

GRADE PLACEMENT: 9-12

PREREQUISITE: Alg 1 (or concurrent)

CREDIT: 1 UNIT

Provides beginning skills and concepts associated with programming methodology, programming languages, data types, data structures, algorithms and applications of computing. Year 2 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.

### **8401 Computer Science 1**

03580200

### **8402 Computer Science 2**

03580300

## **AP COMPUTER SCIENCE**

PREREQUISITE: 8401

CREDIT: 1 UNIT

GPA: +9 on weighted GPA

AP Exam: Required

Develops beginning skills and concepts associated with programming methodology, programming languages, data types, data structures, algorithms and applications of computing. The Principles course introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world with a unique focus on creative problem solving and real-world applications.

### **4005 AP Computer Science A**

A3580110 – math credit

A3580120 – world language credit

### **4006 AP Computer Science Principles**

A3580300

## **8248 Practicum in STEM**

13037400

GRADE PLACEMENT: 12

CREDIT: 2 UNITS

Practicum in STEM is designed to give students supervised, practical application of previously studied knowledge and skills. Students spend one semester engaged in an unpaid, STEM-focused internship, and one semester preparing a capstone project where they utilize the STEM skills they have learned to create a product that can improve their community. This is a year-long, double blocked course to ensure the student is provided with in-class instruction, as well as on-site training in a STEM field. On-site practicum training can occur in a variety of locations appropriate to the students interests and prior level of experience.

---

## TRANSPORTATION, DISTRIBUTION AND LOGISTICS

---



### Automotive

Industry Certifications: ASE Entry Level and Professional Level

#### **8156 Introduction to Transp Technology**

13039270

GRADE PLACEMENT: 9-10

CREDIT: ½ UNIT

Gain knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. Includes applicable safety and environmental rules and regulations. Emphasis is on the repair, maintenance, and diagnosis of transportation systems. The focus of this course is to teach safety, tool identification, proper tool use, and employability.

#### **8164 Energy & Power of Transp Systems**

13039300

GRADE PLACEMENT: 9-10

CREDIT: 1 UNIT

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.

#### **8157 Automotive Basics**

13039550

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

This course includes knowledge of the basic automotive systems and the theory and principles of the components that make up each system and how to service these systems. Applicable safety and environmental rules and regulations are also covered.

#### **8158 Basic Collision Repair and Refinishing (Year 1)**

13039750

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT

Students will learn the repair process in metal straightening, welding, frame damage measuring and estimate writing. Students will participate in hands on activities throughout the course. Students also will develop proper technique for the application of dent repair and parts replacement.

#### **8161 Collision Repair (Year 2)**

13039800

GRADE PLACEMENT: 10-12

PREREQUISITE: 8158

CREDIT: 2 UNITS

Students will learn the repair process in metal straightening, welding, frame damage measuring and estimate writing. Students will participate in hands on activities throughout the course. Students also will develop proper technique for the application of dent repair and parts replacement.

#### **Practicum (Year 3)**

GRADE PLACEMENT: 11-12

PREREQUISITE: 8161

CREDIT: 2 UNITS

LAB CREDIT: 1 UNIT

This course gives students the opportunity to continue their exploration in collision repair. Their prior knowledge will allow them to be introduced to refinishing (painting). The refinishing processes will include: Complete paint jobs, collision repair refinishing, blending paint, and custom paint techniques. 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 the

industry in a related field. This real world work experience can take the form of either an internship or career preparation training through the coordination of the instructor. LAB course work must be taken concurrently with Pain and Refinishing and may not be taken as a stand-alone course.

**8162 Paint and Refinishing**  
13039900

**8162L Paint and Refinishing Lab**  
13039910

**8159 Automotive Technology 1:  
Maintenance and Light Repair (Year 1)**

13039600

GRADE PLACEMENT: 10-11

PREREQUISITE: 8156 or 8164

CREDIT: 2 UNITS

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.

**8160 Automotive Technology 2:  
Automotive Service (Year 2)**

13039700

GRADE PLACEMENT: 11-12

PREREQUISITE: 8159

CREDIT: 2 UNITS

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. Students enrolled in this course will pay a fee to cover the required work shirt, safety glasses, etc.

**Practicum (Year 3)**

GRADE PLACEMENT: 12

PREREQUISITE: 8160

CREDIT: 2 UNITS

EXTENDED CREDIT: 1 UNIT

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. **Extended** course work must be taken concurrently with Practicum in Transportation Systems and may not be taken as a stand-alone course.

**8163 Practicum in Transportation  
Systems**

13040450

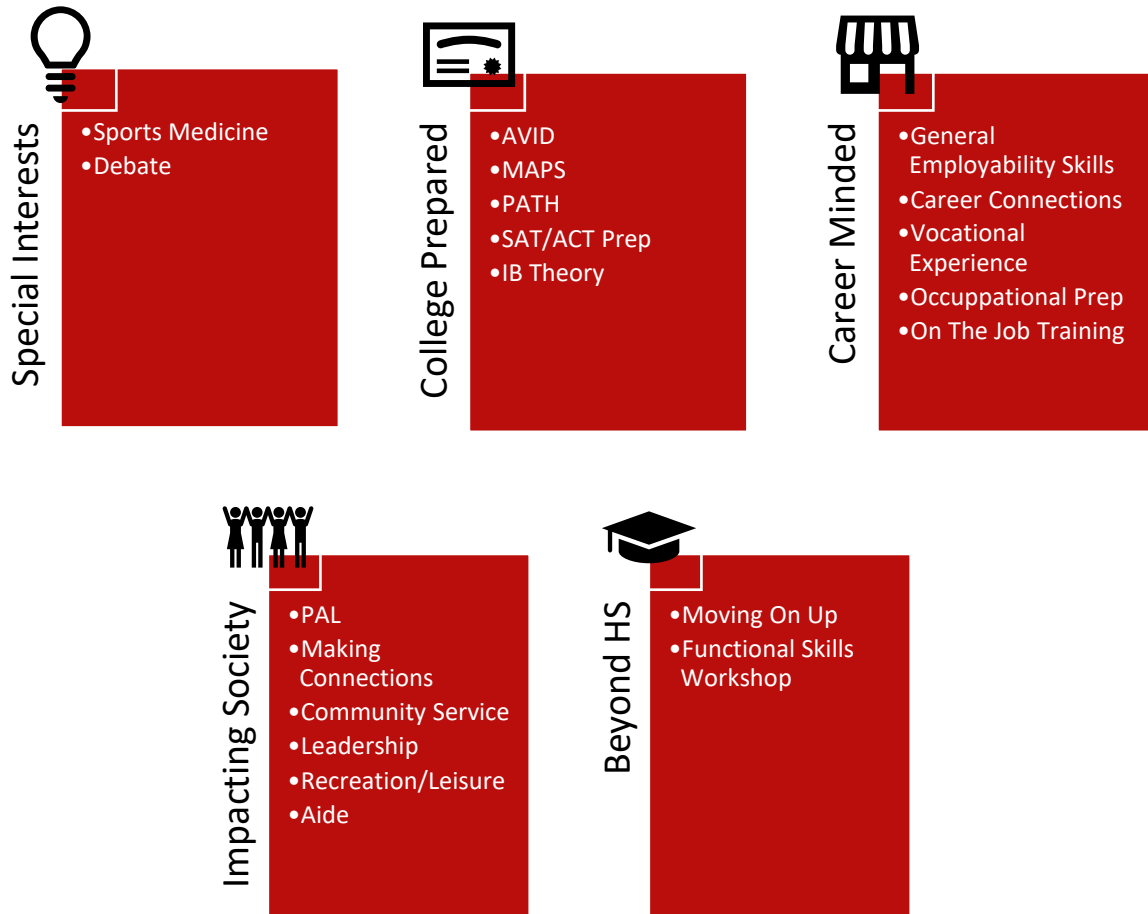
**8163E Extended Practicum in  
Transportation Systems**

13040455

TAKEN WITH: 8163

# Other Electives – State and Local Credits

Apart from the Programs of Study, CFBISD offers courses that are of specialized interest, preparing students for college, career, and thriving as a positive influence in society.



Most electives in this grouping are for state credit, meaning they count toward the required credits for graduation. However, there are some courses listed here that are for Local credit only and thus offer exposure and experience in a field but no credits toward graduation. Before selecting a Local credit course, be mindful that your graduation requirements will be met within your 4-year plan.



## **SPECIAL INTERESTS**

### **5901 Sports Medicine 1**

N1150040

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

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 2**

N1150041

GRADE PLACEMENT: 10-12

PREREQUISITE: 5901

CREDIT: 1 UNIT

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. This course is not a PE equivalent course.

### **5903 Sports Medicine 3**

N1150044

GRADE PLACEMENT: 10-12

PREREQUISITE: 5901

CREDIT: 1 UNIT

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

### **Debate**

GRADE PLACEMENT: 10-12

CREDIT: 1 UNIT each

Prepares the orator who has an interest in competitive debate. Each year, the student's talents are cultivated. 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.

**2607 Debate 1** 03240600

**2608 Debate 2** 03240700

**2609 Debate 3** 03240800

**2610 Debate 4** 84500666

(Local credit only)

## COLLEGE PREPARED

### **7991 AVID 1**

N1290001

GRADE PLACEMENT: 9

CREDIT: 1 UNIT

The ninth grade AVID Elective course will serve as a review of the AVID philosophy and strategies. Students will work on academic and personal goals and communication, adjusting to the high school setting. Students will increase awareness of their personal contributions to their learning, as well as their involvement in their school and community. There is an emphasis on analytical writing, focusing on personal goals and thesis writing. Students will work in collaborative settings, learning how to participate in collegial discussions and use sources to support their ideas and opinions. Students will prepare for and participate in college entrance and placement exams, while refining study skills and test taking, note-taking, and research techniques. They will take an active role in field trip and guest speaker preparations and presentations. Their college research will include financial topics and building their knowledge on colleges and careers of interest.

### **7992 AVID 2**

N1290002

GRADE PLACEMENT: 10

PREREQUISITE: AVID 1

CREDIT: 1 UNIT

In the 10th grade year, students will continue to refine their academic learning plans and goals, increasing awareness of their actions and behaviors, as well as develop an increased ability to self-monitor, self-regulate, and manage time. Students will expand their writing portfolio to include: analyzing prompts, supporting arguments and claims, character analysis and detailed reflections. Lastly, students will narrow down their college and careers of interest, based on personal interests and goals.

### **7993 AVID 3**

N1290003

GRADE PLACEMENT: 11

PREREQUISITE: AVID 2

CREDIT: 1 UNIT

The 11th grade AVID Elective course is the first part in a junior/senior seminar course that focuses on writing and critical thinking expected of first and second-year college students. In addition to the academic focus of the AVID seminar, there are college-bound activities, methodologies and tasks that should be undertaken during the junior year to support students as they apply to four-year universities and confirm their postsecondary plans.

### **7994 AVID 4**

N1290004

GRADE PLACEMENT: 12

PREREQUISITE: AVID 3

CREDIT: 1 UNIT

The AVID Elective 12th grade course is the second part in a junior/senior seminar course that focuses on writing and critical thinking expected of first and second year college students. This course continues around the theme of "Leadership as a Catalyst for Change in Society." Students will complete a final research essay project from research conducted in their junior year in AVID. In addition to the academic focus of the AVID senior seminar, there are college bound activities, methodologies and tasks that should be achieved during the senior year that support students as they apply to four year universities and confirm their postsecondary plans. All AVID seniors are required to develop and present a portfolio representing their years of work in the AVID program, as well as complete the requirements for the seminar course.

**9707 Methodology for Academic & Personal Success (MAPS)**

N1130021

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

This course focuses on self-understanding, decision-making, resiliency, attitude, character education, and leadership to help students maximize personal achievement. Students will explore pathway options available to them in high school, higher education fields of study, and career opportunities in the professional world in order to establish both immediate and long-range personal goals. Students will develop critical time management, organization, and study skills. Emphasis is placed on the student being a proactive and collaborative problem solver. As part of the goal setting and leadership activities, students may complete an outside.

**9708 Pathways to College and Career (PATH)**

N1290051

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

PATH advances intellectual curiosity, conscientiousness, dependability, emotional stability, and perseverance through tasks that foster deeper levels of thinking and reasoning in the four core content areas. The Path secondary course series focuses on developing the habits and skills expected in college study and the workforce. Path students develop personal, interpersonal, and cognitive skills that are essential to productivity in both the collegiate and business worlds.

**1652 SAT/ACT PREP**

85000SAT

GRADE PLACEMENT: 10-11

PREREQUISITE: Algebra 2 (or concurrent)

CREDIT: 1/2 UNIT (Local)

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.

**1472 IB THEORY OF KNOWLEDGE**

N1290322

GRADE PLACEMENT: 11-12

PREREQUISITE: IB Diploma Programme, only at RHS

CREDIT: 1 UNIT

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

**College Out Period**

85000OUT

GRADE PLACEMENT: 12

CREDIT: 0 UNIT

Affords the dual credit student taking college courses away from their home campus the time during the school day to participate in college course work. This out period is provided at the beginning or end of the school day. Only one out period is allowed each semester.

College course work from the approved dual credit agreement list does count toward graduation provided a passing grade is earned and submitted to the campus Records office.

**9900 College Out** – 1<sup>st</sup> time taken

**9901 College Out** – 2<sup>nd</sup> time taken

## **CAREER MINDED**

### **9267 General Employability Skills**

N1270153

GRADE PLACEMENT: 9-12

CREDIT: 1 UNIT

Provides instruction in general employability knowledge and skills. Included in the skills are attitudes that allow employees to get along with their co-workers, make important work-related decisions, and become strong team members.

### **Career Connections**

85000340, 85000341

GRADE PLACEMENT: 9-12

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT (Local)

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.

### **9340 Career Connections 1**

### **9339 Career Connections 2**

### **Vocational Experience**

84900143, 84900144

GRADE PLACEMENT: 10-12+

PREREQUISITE: ARD Placement

CREDIT: 3 UNITS (Local)

Student will focus on individual responsibility on the job sites in the community with direct supervision by a certified teacher. During the school day, office tasks and other odd jobs may be performed to assist teachers and other staff with school-wide projects. Adapted to meet the needs outlined in student's IEP.

### **9143 Vocational Experience 1**

### **9144 Vocational Experience 2**

### **On The Job Training (OJT)**

84900343, 84900344

GRADE PLACEMENT: 11-12

PREREQUISITE: ARD Placement

CREDIT: 1-3 UNITS (Local) determined by ARD

Places students in competitive paid employment with regularly schedule direct involvement by special education personnel in the implementation of the student's IEP. Adapted to meet the needs outlined in student's IEP.

### **9343 OJT 1**

### **9344 OJT 2**

### **Applied Occupational Preparation (Occ Prep)**

84900241, 84900242, 84900243, 84900244

GRADE PLACEMENT: 9-12

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT (Local)

Student will focus on employability skills and job searches including the exploration of a variety of jobs and activities related to the job. They continue learning skills that enhance their aptitude, exploring their interests and improving their skills related to job searches including the application and interview process. Years 3 & 4 investigate services and resources to aid employment and help maintain a successful job experience. Adapted to meet the needs outlined in student's IEP.

### **9241 Applied Occ Prep 1**

### **9242 Applied Occ Prep 2**

### **9243 Applied Occ Prep 3**

### **9244 Applied Occ Prep PLUS**

## IMPACTING SOCIETY

### Peer Assistance and Leadership (PAL®)

N1290005, N1290006

GRADE PLACEMENT: 11-12

CREDIT: 1 UNIT

PAL® course creates environments in which youth participate in productive pursuits with peers, using decision making, higher order thinking skills, and resiliency building for addressing issues like bullying, low achievement, at-risk youth, drop-out prevention, substance abuse prevention, teen pregnancy, suicide, behavior problems, and other community issues. Teacher must have completed the PAL® training to offer as state elective credit; find training info at <http://palusa.org>.

*NOTE: Students are expected to provide their own transportation to any off-campus community services sites.*

**7208 PAL® 1**

**7209 PAL® 2**

### Making Connections

N12900332, N12900333, N12900334, N12900335

GRADE PLACEMENT: 9-12

PREREQUISITE: ARD Placement

CREDIT: ½ UNIT

The *Making Connections* course sequence serves students who have an autism spectrum disorder or a related disorder which causes them to have difficulty with social skills. This course assists the students in developing an understanding of autism and other related disorders.

**9256 Making Connections 1**

**9257 Making Connections 2**

**9258 Making Connections 3**

**9259 Making Connections 4**

### 7320 Community Service

GRADE PLACEMENT: 12

CREDIT: 1/2 UNIT (LOCAL)

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. Students can choose to be placed in on-campus or off-campus locations for this class. Students are expected to provide their own transportation to any off-campus community services sites.

### Recreation and Leisure (Rec & Leisure)

84200252, 84200152, 84200253, 84200153, 84200154

GRADE PLACEMENT: 9-12+

PREREQUISITE: ARD Placement

CREDIT: 1 UNIT (Local)

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.

**9252 Applied Rec & Leisure 1**

**9152 Developmental Rec & Leisure 1**

Only at RLT

**9253 Applied Rec & Leisure 2**

**9153 Developmental Rec & Leisure 2**

Only at RLT

**9154 Developmental Rec & Leisure PLUS**

Only at RLT

**9706 STUDENT LEADERSHIP**

N1290010

GRADE PLACEMENT: 11-12

CREDIT: 1 UNIT (State 1<sup>st</sup> time taken,  
Local 2<sup>nd</sup> time taken)

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 junior or senior who holds an office position in Student Council or Junior/Senior Executive Committee.

\*CHS and Newman Smith

**9800 STUDENT AIDE**

85000AID

GRADE PLACEMENT: 12

CREDIT: 0 UNIT

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.

**BEYOND HIGH SCHOOL****9672 Moving On Up (MOU)**

85000672

GRADE PLACEMENT: POST HS

PREREQUISITE: ARD Placement, All HS grad  
requirements met

CREDIT: 7 UNITS (Local)

Community based instructional program in which students ages 18-21 participate in volunteer opportunities, supported employment, and activities of daily living to meet the needs outlined in student's IEP.

**9673 Functional Skills Workshop (FSW)**

85000673

GRADE PLACEMENT: POST HS

PREREQUISITE: ARD Placement, All HS grad  
requirements met

CREDIT: 7 UNITS (Local)

Designed for students ages 18-21, who will benefit from daily living and vocational training experiences. FSW 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.

## INDEX of COURSES

ACCOUNTING 1	103	APPLIED ENGLISH 4	44
ACCOUNTING 2	103	APPLIED ENGLISH PLUS	47
ADAPTIVE PE	77	APPLIED ENVIRON SYS	58
ADVANCED ANIMAL SCI	95	APPLIED FINE ARTS	82
ADVANCED MARKETING	104	APPLIED FINE ARTS 2	82
ADVANCED QUAN REAS	51	APPLIED GEOMETRY	50
ADVERTISING	103	APPLIED GOVERNMENT	67
AG MECHANICS & METAL TECH	96	APPLIED HEALTH	80
ALGEBRA 1	49	APPLIED HEALTH PLUS	131
ALGEBRA 2	50	APPLIED IPC	56
ALGEBRA 2 HONORS	50	APPLIED MATH FOR TECHNICAL PROF	54
ANATOMY & PHYSIOLOGY	61, 107	APPLIED MATH MODELS	50
ANIMATION 1	99	APPLIED OCCUP PREP	130
AP ART HISTORY	84	APPLIED READING	47
AP ART/DRAW	83	APPLIED REC & LEISURE	131
AP BIOLOGY	59	APPLIED SOC STUD PL	69
AP CALCULUS AB	53	APPLIED US HISTORY	65
AP CALCULUS BC	53	APPLIED WORLD GEOG	63
AP CHEMISTRY 2	59	APPLIED WORLD HIST	64
AP COMPARATIVE GOV POLITCS	69	ARCHITECT DESIGN	97
AP COMPUTER SCI 1 A	115, 123	ART 1 BEGINNING	82
AP COMPUTER SCI PRIN	115, 123	ART 1 INTERMED	82
AP ECON MACRO	66	ART CERAMICS	82
AP ECON MICRO	66	ART DRAWING	83
AP ENGLISH 3	42	ART INDEPENDENT STUDY	84
AP ENGLISH 4	43	ART JEWELRY	83
AP ENVIRONMENTAL SCI	60	ART PAINTING	83
AP EUROPEAN HISTORY	58	ART SCULPTURE	83
AP HUMAN GEOGRAPHY	53	ASTRONOMY	59
AP MUSIC THEORY	93	ATHLETICS - ALL LEVELS	76
AP PHYSICS 1	60	AUD/VID PROD 1	99
AP PHYSICS 2	60	AUTO BASICS	124
AP PHYSICS C: ELECT MAGNET	60	AUTOMOTIVE TECHNOLOGY	125
AP PHYSICS C: MECHANICS	60	AVID	128
AP PSYCHOLOGY	68	BAND JAZZ - ALL LEVELS	90
AP SPANISH LANGUAGE	74	BAND MARCHING - ALL LEVELS	89
AP SPANISH LITERATURE	74	BANKING FINANCIAL SERVICES	102
AP STATISTICS	53	BIOLOGY	56
AP STUDIO ART 2D	84	BIOLOGY HONORS	56
AP STUDIO ART 3D	84	BIOTECHNOLOGY 1	120
AP US GOVERNMENT	67	BIOTECHNOLOGY 2	120
AP US HISTORY	65	BUILDING MNT TECH 1	97
AP WORLD HISTORY STUDIES	64	BUILDING MNT TECH 2	97
APPLIED ENGLISH 1	41	BUSINESS ENGLISH	46, 101
APPLIED ALGEBRA	49	BUSINESS INFO MGT 1	101
APPLIED ALGEBRA 2	51	BUSINESS INFO MGT 2	101
APPLIED ASTRONOMY	59	BUSINESS LAW	102
APPLIED BIM 2	80	BUSINESS MANAGEMENT	102
APPLIED BIOLOGY	56	CAREER CONNECTIONS	130
APPLIED ECONOMICS	66	CAREER PREP	104
APPLIED ENGLISH 2	42	CHEERLEADING	78
APPLIED ENGLISH 3	43	CHEMISTRY	57

CHEMISTRY HONORS	57	DEV REC & LEIS PLUS	131
CHILD DEVELOPMENT	111	DEV SOC STUD PLUS	69
CHOIR - ALL LEVELS	92	DEV U S HISTORY	65
CHOIR VOC ENSEMBLE - ALL LEVELS	93	DEV WORLD GEOGRAPHY	63
CIVIL ENGINEERING & ARCHITECTURE	98, 123	DEV WORLD HISTORY	64
COLISION REPAIR	124	DIGITAL ELECTRONICS	122
COLLEGE OUT	129	DIGITAL MEDIA	99
COLLEGE PREP ENGLISH	45	DOLLARS & SENSE	111
COLLEGE PREP MATH	54	ECONOMICS FREE ENTERPRISE	66
COMMERCIAL PHOTOGRAPHY	100	EMERGENCY MED TECH BASIC	108
COMMUNITY SERVICE	131	ENERGY POWER TRANSPORTATION	124
COMPUTER INTEGRATED MNFT	121	ENGINEER DESIGN PRESENTATION	121
COMPUTER MAINTENANCE	113	ENGINEERING DESIGN PROB SOLVING	122
COMPUTER SCIENCE	115, 123	ENGINEERING MATHEMATICS	121
CONSTRUCTION MNGMT 1	97	ENGINEERING SCIENCE	122
COSMETOLOGY	112	ENGLISH 1	40
CREATIVE WRITING	45	ENGLISH 1 ESOL	40
CULINARY ARTS	109	ENGLISH 1 HONORS	40
CYBRSECURITY CAPSTONE	115	ENGLISH 1 HONORS/GT	40
DANCE	85	ENGLISH 1 ILIT	40
DANCE COMPANY	86	ENGLISH 2	41
DANCE DRILL TEAM	87	ENGLISH 2 ESOL	41
DANCE ENSEMBLE	86	ENGLISH 2 HONORS	41
DANCE FOLK	86	ENGLISH 2 HONORS/GT	41
DANCE INDEPENDENT STUDY	85	ENGLISH 3	42
DC CALCULUS 3	52	ENGLISH 4	43
DC COLLEGE ALEGBRA	52	ENGLISH INDEPENDENT STUDY	46
DC CORRECTIONAL SERVICES	118	ENGLISH LANG DEV & ACQUISITION	47
DC COURT SYSTEMS & PRACTICES	118	ENTREPRENEURSHIP	103
DC CRIMINAL INVESTIGATION	118	ENVIRONMENTAL SYSTEMS	58
DC DIFF EQUATIONS	52	EQUINE SCIENCE	95
DC ECONOMICS	66	EVOLVING/EMERGING TECHNOLOGY	114
DC INTRO CRIMINAL JUSTICE	118	FAMILY & COMMUNITY SERVICES	111
DC TRIGONOMETRY	52	FASHION DESIGN 1	98
DC US GOVERNMENT	67	FASHION DESIGN 2	98
DEBATE - ALL LEVELS	127	FASHION MARKETING	103
DEV ALGEBRA 1	49	FLORAL DESIGN	96
DEV ALGEBRA 2	51	FORENSIC PSYCHOLGOY	117
DEV ART 1	82	FORENSIC SCIENCE	61
DEV ASTRONOMY	59	FOUNDATIONS OF CYBERSECURITY	115
DEV BIOLOGY	56	FOUNDATIONS OF ENERGY	107
DEV ECONOMICS	66	FRENCH	71
DEV ENGLISH 1	41	FRENCH 3 HONORS	71
DEV ENGLISH 2	42	FUNCTIONAL SKILLS WORKSHOP	132
DEV ENGLISH 3	43	FUND ALGEBRA 1	49
DEV ENGLISH 4	44	FUND ALGEBRA 2	51
DEV ENGLISH PLUS	47	FUND ENGLISH 1	40
DEV ENVIRON SYS	58	FUND ENGLISH 2	42
DEV FINE ARTS PLUS	82	FUND ENGLISH 3	43
DEV GEOMETRY	50	FUND ENGLISH 4	44
DEV GOVERNMENT	67	FUND GEOMETRY	49
DEV HEALTH	80	FUND MATH MODEL	50
DEV IPC	57	FUND READING	47
DEV MATH MODELS	50	FUNDAMENTALS OF COMPUTER SCI	114, 122



GAME PROGRAMING & DESIGN	115	METHODS OF ACAD & PERS SUCCESS	129
GEOMETRY	49	MOBILE APP DEVELOPMENT	116
GEOMETRY HONORS	49	MOVING ON UP	132
GLOBAL BUSINESS	102	MTH MODLS W/APP	50
GRAPHIC DESIGN & ILLUSTRATION 1	100	MUSIC THEORY 1	93
GRAPHIC DESIGN & ILLUSTRATION 2	100	MUSIC THEORY 2	93
HEALTH	80	NETWORKING	113
HEALTH SCI CLINICAL	108	OJT 1	130
HEALTH SCI THEORY	108	OJT 2	130
HOSPITALITY SRV	110	ONRAMPS COLLEGE ALG	52
HOTEL MNGMENT	109	ONRAMPS EARTH WIND FIRE	59
HUMAN GROWTH & DEVELOPMENT	106	ONRAMPS ENGLISH	44
HUMAN RESOURCE MNGMT	102	ONRAMPS PHYSICS	58
HVAC 1	98	ONRAMPS PRE CALCULUS	52
HVAC 2	98	ONRAMPS US HISTORY	64
IB ART/DES - HL	84	ORCHESTRA - ALL LEVELS	91
IB ART/DES-SL-A	84	PAINT & REFINISHING	125
IB CHEMISTRY HL	61	PAL	131
IB CHEMISTRY SL1	61	PAS ALGEBRA 1	49
IB ENGLISH 3	42	PAS ALGEBRA 2	51
IB ENGLISH 4	43	PAS BIOLOGY	56
IB FRENCH 4	71	PAS ECONOMICS	66
IB HOA HL1	65	PAS ENGLISH 1	40
IB HOA HL2	65	PAS ENGLISH 2	42
IB MATH A&A 1SL	53	PAS ENGLISH 3	43
IB MATH A&A 2SL	53	PAS ENGLISH 4	44
IB MATH A&I SL	53	PAS ENVIRONMENTAL SYSTEMS	58
IB MUSIC HL	93	PAS GEOMETRY	49
IB PHYSICS HL	58	PAS GOVERNMENT	67
IB PHYSICS SL1	58	PAS INTEGRATED CHEM/PHYSICS	56
IB SPAN 4 SL	74	PAS MATH MODELS	50
IB SPAN 5 HL	74	PAS U S HISTORY	65
IB SPANISH 3 HONORS	73	PAS WORLD GEOGRAPHY	63
IB THE ARTS HL	88	PAS WORLD HISTORY	64
IB THE ARTS SL	88	PATHWAY TO COLLEGE & CAREERS	129
IB THRY KNOWLD	129	PE ADVENTURES/OUTDOOR ED	77
INSTRUCTIONAL PRACTICES	106	PE AEROBIC ACT - DANCE FOCUS	77
INTEGRATED CHEMISTRY/PHYSICS	56	PE FNDTS PRSNL FTN	77
INTERNETWORKING TECH 1	113	PE INDIVIDUAL & TEAM SPORTS	77
INTERPERSONAL STUDY	111	PE SUBSTITUTE NONDISTRICT	78
INTRO ENGINEERING DESIGN	121	PE WEIGHTLIFTING	77
INTRO EVENT & MEETING PLANNING	110	PEP SQUAD	78
INTRO TECH SYSTEMS	124	PERSONAL FINANCIAL LITERACY	68
JAPANESE	72	PHYSICS 1	57
KINESIOLOGY	108	PHYSICS HONORS	57
KOREAN	72	POLITICAL SCI 1	117
LAB MANAGEMENT	61	PRAC A/V PRODUCTION	99
LAW ENFORCE 1	117	PRAC AGRIC FOOD NAT RESOURCES	96
LAW ENFORCE 2	117	PRAC BUSINESS MNGMT	104
LEG RSRCH & WRI	118	PRAC CONSTRUCTION MGMT	98
LIFETIME NUTRITION WELLNESS	111	PRAC EDUCATION & TRAINING	106
LIVESTOCK PRODUCTION	95	PRAC HLTH SCI CLINICAL ROTATIONS	108
MAKING CONNECTIONS	131	PRAC HLTH SCI MED ASST	108
MANUFACTURE ENGINEERING TECH	119, 121	PRAC HLTH SCI PHARM TECH	108

PRAC HOSPITALITY SERVICES	110	SAT/ACT PREP	129
PRAC HUMAN SERVICES	112	SCIENTIFIC RESEARCH DSGN 1	122
PRAC INFO TECH	114	SCIENTIFIC RESEARCH DSGN 2	122
PRAC MANUFACTURING	119	SMALL ANIMAL MGMT	95
PRAC MARKETING	105	SOC STUDIES INDEPENDENT STUDY	59
PRAC STEM	123	SOCIAL MEDIA MARKETING	103
PRAC TRANS SYST	125	SOCIOLOGY	68
PRACTICAL WORK EXPERIENCE 1	105	SPANISH	73
PRACTICAL WORK EXPERIENCE 2	105	SPANISH NATIVE SPEAKERS	73
PRACTICAL WRITING SKILLS	46	SPEC TOPICS: LAW STUDIES 1	68
PRE CALCULUS	51	SPORTS & ENTERTAINMENT MKTG	103
PRE CALCULUS HONORS	51	SPORTS MEDICINE	127
PREAP PSYCHOLOGY	68	STATISTICS & BUS DECISION MAKING	101
PRECALC HONORS/PRE IB	51	STUDENT AIDE	132
PRIN A/V TECH & COMMUNICATIONS	99	STUDENT LEADERSHIP	132
PRIN AGRIC FOOD NATRESOURCES	95	TECHNICAL THEATRE - ALL LEVELS	88
PRIN APPLIED ENGINEERING	120	THEATRE ARTS - ALL LEVELS	87
PRIN ARCHITECT	97	THEATRE PRODUCTION - ALL LEVELS	88
PRIN BIOSCIENCE	120	TOURISM MKTG & CONCEPTS APPL	110
PRIN BUSINESS MARKETING FINANCE	101	TRAVEL & TOURISM MGNMT	109
PRIN CONSTRUCTION	97	US GOVERNMENT	67
PRIN EDUCATION & TRAINING	106	US HISTORY	64
PRIN EXERCISE SCIENCE & WELLNESS	108	VET MED APPS 1	95
PRIN GOV & PUBLIC ADMIN	117	VIDEO GAME DESIGN	99
PRIN HEALTH SCIENCE	107	VIRTUAL BUSINESS	102
PRIN HOSPITALITY & TOURISM	109	VOCATIONAL EXPERIENCE	130
PRIN HUMAN SERVICES	111	WEB DESIGN	114
PRIN INFO TECH	113	WEB GAME DEVELOPMENT	116
PROFESSIONAL COMMUNICATION	101	WELDING	119
PROJECT BASED RESEARCH	104	WILDLIFE & FISH ECOLOGY	95
PSYCHOLOGY	68	WORLD DANCE	85
READING	47	WORLD GEOGRAPHY	63
RES /TECH WRIT	45	WORLD GEOGRAPHY HONORS	53
RESERVE OFFICER TRAINING CORP (NAVAL ROTC)	79	WORLD HISTORY	63
		WORLD HISTORY HONORS	63

**Creekview  
Early College  
Newman Smith  
Ranchview  
Turner**

**Plan your future.  
Optimize the outcome.**

**cfbisd.edu**

