

# EDUCATIONAL PLANNING GUIDE

2018

2019





January 2018

To Students of Carrollton-Farmers Branch Independent School District:

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

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

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

Sincerely,

A handwritten signature in cursive script that reads 'Bobby Burns'.

Dr. Bobby Burns  
Superintendent



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### **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.

## **EDUCATIONAL SERVICES**

Advanced Academic Services/World Languages.....	Kathryn Schaeffer, Ed.D.
Assessment and Accountability .....	Patty Parker
Bilingual/ESL Instructional Services .....	Olivia Perez
Career and Technical Education .....	Jo Gillen
Digital Learning .....	Nadirshah Velazquez
Elementary Language Arts .....	Susan Kelly
Elementary Mathematics .....	Jill Speckert
Fine Arts.....	Brett Farr
Health, Physical Education, Athletics .....	Renee Putter
Language Arts Research and Assessment .....	Shirley Wright, Ed.D.
Science .....	Susan Shipp
Secondary Language Arts.....	Erica Ysbrand
Secondary Mathematics.....	Tanya Garvey
Social Studies.....	Pier Larsen
Special Education .....	Randi Wells

## **HIGH SCHOOL PRINCIPALS**

Creekview High School .....	Joe LaPuma
Early College High School .....	Timothy Isaly
Newman Smith High School .....	Michael Arreola
R.L. Turner High School .....	Brooke Hall
Ranchview High School .....	Sherie Skruch
Bea Salazar.....	Melissa Wesley
Mary Grimes Education Center .....	Jose Ramos, Ed. D.



## **Vision Statement**

Learn More. Achieve More.

## **Mission Statement**

Continuous Improvement

## **District Goal**

High Achievement for Each Student

## **Guiding Objectives**

1. Continuously improve student learning
2. Continuously improve the learning environment
3. Continuously improve operational efficiency
4. Continuously improve community support

## GRADUATE PROFILE

Graduates of Carrollton-Farmers Branch ISD are...

<b>Responsible individuals who:</b>	<b>Competent learners who:</b>
<ul style="list-style-type: none"><li>• Model productive citizenship.</li><li>• Practice successful personal management.</li><li>• Demonstrate character values and ethical behavior.</li><li>• Appreciate the value of diversity.</li><li>• Function effectively as team members.</li></ul>	<ul style="list-style-type: none"><li>• Continually pursue and integrate knowledge.</li><li>• Achieve academic standards.</li><li>• Apply various forms of technology to learning.</li><li>• Seek educational and career options.</li><li>• Produce quality products.</li></ul>
<b>Effective communicators who:</b>	<b>Complex thinkers who:</b>
<ul style="list-style-type: none"><li>• Read with understanding.</li><li>• Interpret information.</li><li>• Interact through listening and speaking.</li><li>• Write clearly.</li></ul>	<ul style="list-style-type: none"><li>• Solve problems critically.</li><li>• Create original ideas and solutions.</li><li>• Understand and apply systems thinking.</li></ul>

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*The Texas Legislature will meet in 2018. Consequently, laws and/or requirements may result that would render the procedures in this document obsolete. If this occurs, the campus staff will have the most current laws and/or requirements to inform parents and students as they use this document as a guide.*

# Carrollton-Farmers Branch ISD

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

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

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

Foundation PLUS Endorsement(s) <b>26 credits</b>	Distinguished Level of Achievement <b>26 credits</b>	Performance Acknowledgements
<p>4 credits English-ELA I, II, III, one credit in any authorized advanced English course</p> <p>4 credits Mathematics-Algebra I, Geometry, two credits in any authorized advanced course</p> <p>4 credits Science-Biology, at least one of IPC, Chemistry, or Physics and advanced Science courses</p> <p>4 credits Social Studies+- World Geography, World History (local requirement), U.S. History, U.S. Government (.5 credit), Economics (.5 credit)</p> <p>2 credits World Language or Computer Programming</p> <p>1 credit Physical Education</p> <p>1 credit Fine Arts</p> <p>5.5 credits in Electives-may include CTE or certification courses to satisfy endorsement requirements</p> <p><u>Additional Local Requirements:</u></p> <p>.5 credit Health</p> <p>1 credit Social Studies World History+</p> <p>+One locally required credit in Social Studies is included in the total of 4 Social Studies credits.</p> <hr style="border-top: 1px dashed black;"/> <p>*Foundation Plan WITHOUT endorsement allows for: 4 credits in English, 3 credits in Mathematics, 3 credits in Science, 3 credits in Social Studies, 2 credits in World Languages, 1 credit of Physical Education, 1 credit of Fine Arts, 0.5 Health, 1 World History, and 3.5 electives.</p>	<p>4 credits English-ELA I, II, III, one credit in any authorized advanced English course</p> <p>4 credits Mathematics-Algebra I, Geometry, <b><u>Algebra II</u></b> <b><u>must be one of the math credits</u></b>, one credit in any authorized advanced course</p> <p>4 credits Science-Biology, at least one of IPC, Chemistry, or Physics and advanced Science courses</p> <p>4 credits Social Studies+- World Geography, World History (local requirement), U.S. History, U.S. Government (.5 credit), Economics (.5 credit)</p> <p>2 credits World Language or Computer Programming</p> <p>1 credit Physical Education</p> <p>1 credit Fine Arts</p> <p>5.5 credits in Electives-may include CTE or certification courses to satisfy endorsement requirements</p> <p><u>Additional Local Requirements:</u></p> <p>.5 credit Health</p> <p>1 credit Social Studies World History+</p> <p>+One locally required credit in Social Studies is included in the total of 4 Social Studies credits.</p>	<p><b>Dual Credit</b></p> <ul style="list-style-type: none"> <li>12 College Credit hours with a grade of 3.0 or higher, <b>or</b></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 3.0 or higher</li> <li>IB World Language score 4 or higher, <b>or</b></li> </ul> <p><b>ELL Student Only</b></p> <ul style="list-style-type: none"> <li>Participate and meet exit criteria for a bilingual or ESL program</li> <li>Scored Adv high Level on TELPAS, <b>or</b></li> </ul> <p><b>AP/IB</b></p> <ul style="list-style-type: none"> <li>Score 4 or 5 on an AP Exam</li> <li>Score 5 or above on an IB Exam (HL), <b>or</b></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 two out of four exams on the ACT</li> <li>SAT 1250-Reading/Math combined</li> <li>ACT score of 28 w/o Writing, <b>or</b></li> </ul> <p><b>Business Industry/Certification</b></p> <ul style="list-style-type: none"> <li>Obtain a business or industry certification</li> </ul>

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

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



# CFBISD ACADEMIES

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

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



## Early College High School

### Early College High School Mission

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

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

### Benefits to Students

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



# Creekview High School

## LAW AND CRIMINAL JUSTICE ACADEMY



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

The Law and Criminal Justice Academy provides an enriched curriculum with a variety of active learning opportunities, such as mock 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.

## INTERNATIONAL BUSINESS ACADEMY



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

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

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

Additional aspects of the IBA include:

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

Begin your journey to success. Your future is now!

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



# Ranchview High School



## *International Baccalaureate Diploma Programme*

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

The IB Diploma Programme is a curriculum of rigorous, college level courses students take both junior and senior years. Students at Ranchview have the opportunity to take these advanced DP Levels courses in all subject areas. Students who choose to pursue the prestigious full IB Diploma will enroll in six DP courses, which span all core subject areas and one elective area. These full Diploma candidates also take the Theory of Knowledge elective, an interdisciplinary course intended to explore connections between the subject areas and enhance students' critical thinking, problem-solving, and communication skills. Student participation in community service and extra- and co-curriculars is required for Diploma eligibility; in fact, students in the Diploma Programme are often integral members of Ranchview High School's athletic, fine arts, and extracurricular organizations. Full Diploma students also complete an independent research project called the Extended Essay over two years in the programme. Course assessments and examinations are required as part of the Diploma Programme coursework and provide for the standardization of academic achievement.

Participation in the IB Diploma Programme assures students of the Multi-Disciplinary Endorsement for graduation, and the possibility to achieve other endorsements as well. All full IB Diploma recipients are guaranteed a **minimum** of 24 credit hours at Texas public universities/colleges; other states and universities have similar credit-granting legislation in place to reward IB Diploma holders.

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

## International Baccalaureate Diploma Programme And Honors Courses

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

The IB Diploma Programme is a connected curriculum of rigorous, college-preparatory courses students take during their junior and senior years. IB coursework spans all core subject areas and one elective area. Full Diploma candidates also take the Theory of Knowledge elective, an interdisciplinary course intended to explore connections between the subject areas and enhance students' critical thinking, problem-solving, and communication skills. Student participation in community service and extra- and co-curriculars is required for Diploma eligibility. Also, Diploma students must complete an independent research project called the Extended Essay. Students must complete full diploma programme to be eligible to receive the IB Diploma. GPA is calculated at the conclusion of the semester after grades are posted and finalized. **Grades earned in courses with AP/IB academic weighting shall receive nine (9) additional grade points in calculation of the numeric GPA.**

*High School rank in class shall be determined using the weighted numeric grade average. [EIC \(Local\)](#)*

### Honors courses

Honors courses are offered at Ranchview High School for 9<sup>th</sup> and 10<sup>th</sup> graders in the core areas of English, math, science, social studies, and foreign language. Honors courses are more rigorous than on-level courses in terms of the depth and pacing of the curriculum and in the elevated criteria/standards for assessment. GPA is calculated at the conclusion of the semester after grades are posted and finalized. **Grades earned in courses with Honors weighting shall receive five (5) additional grade points in the calculation of the numeric weighted GPA.**

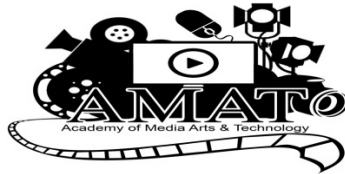
*High School rank in class shall be determined using the weighted numeric grade average. [EIC \(Local\)](#)*

### College Credit for IB

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



## R. L. Turner High School



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

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

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



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

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

The Academy's Engineering strands include:

- Avionics Engineering
- Architectural Engineering
- Digital Electronics Engineering
- Engineering Design and Mechanics
- IGNITE Rocketry



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

- EMT-Basic
- Certified Nurse Assistant
- Pharmacy Tech
- CPR
- First Aid
- Phlebotomy
- Veterinary Medical Assistant

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

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





# CERTIFICATION AND LICENSE OPTIONS

## Career and Technical Education

COURSE NAME	CERTIFICATIONS & LICENSES OPPORTUNITIES
<b>Agriculture, Food &amp; Natural Resources</b>	
Advanced Animal Science	Elanco Fundamentals of Animal Science
Veterinary Medical Applications	Elanco Veterinary Medical Applications & CareerSafe OSHA 10
Veterinary Medical Applications	Veterinary Medical Assistant Level 1
Practicum in Agriculture, Food & Natural Resources	
Livestock Production	NCLA Principals of Livestock Selection & Evaluation
Small Animal Management	Canine Care Training Program
<b>Arts, A/V Technology &amp; Communications</b>	
Graphic Design & Illustration II	Adobe Photoshop Creative Cloud
Graphic Design & Illustration II Lab	
Practicum in Audio/Video Production	Adobe PhotoShop CC & Adobe InDesign CC
Commercial Photography II	Adobe PhotoShop CC & Adobe InDesign CC
Commercial Photography II Lab	
Graphic Design & Illustration II	Adobe Certified Associate Creative Cloud
Graphic Design & Illustration II Lab	
<b>Business, Management &amp; Administration</b>	
Business Information Management I	Microsoft Office Specialist (MOS) 2010
Business Information Management II	
Practicum in Business Management	
<b>Finance</b>	
Accounting II	Quick Books
<b>Health Science</b>	
Emergency Medical Technician Basic	Emergency Medical Technician Basic Emergency Medical Responder
Practicum in Health Science-C.N.A.	Certified Nurse Aide
Practicum in Health Science-Pharmacy Technician	Registered Pharmacy Technician & IV Sterile Products
Phlebotomy Theory	Phlebotomy Technician
Phlebotomy Lab	
<b>Hospitality &amp; Tourism</b>	
Culinary Arts	ServSafe Food Handler
<b>Human Services</b>	
Introduction to Cosmetology	Texas Department of Licensing & Regulation (TDLR) Cosmetology Operators License & Instructors License
Cosmetology I	
Cosmetology II	
<b>Information Technology</b>	
Computer Maintenance	CompTIA A+ Essentials & CompTIA A+ Practical Application
<b>Manufacturing</b>	
Welding I	CareerSafe OSHA 10
Welding II	AWS Welding Certification
<b>Transportation, Distribution &amp; Logistics</b>	
Auto Basics	Valvoline Oil change
Automotive Technology I	CareerSafe OSHA 10
Automotive Technology II	ASE Series (Brakes, Electrical, Suspension, Maintenance LR, Refrigeration Recover Recycling, Auto Service Tech, HVAC, Intro to Auto, Mobile Refrigerant)
Practicum in Transportation Systems	
Collision Repair	S/P 2 Safety & Pollution Certification Series
Paint & Refinishing	I-Car Intro to Collision Repair Series



# Advanced Placement (AP) Courses

**The following Advanced Placement Courses are available to CFBISD students for the 2018-2019 school year.**

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. GPA is calculated at the conclusion of the semester after grades are posted and finalized. **Grades earned in course with AP/IB academic weighting shall receive nine (9) additional grade points in the calculation of the weighted numeric GPA.**

*High School rank in class shall be determined using the weighted numeric grade average. [EIC \(Local\)](#)*

## Pre-Advanced Placement (Pre-AP)

Pre-Advanced Placement courses prepares 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. GPA is calculated at the conclusion of the semester after grades are posted and finalized. **Grades earned in course with PreAP weighting shall receive five (5) additional grade points in the calculation of the numeric weighted GPA.**

*High School rank in class shall be determined using the weighted numeric grade average. [EIC \(Local\)](#)*

### ENGLISH

AP Course	Graduation Credit
AP English 3 Language and Composition	English III
AP English 4 Literature and Composition	Advanced English

### SCIENCE

AP Course	Graduation Credit
AP Biology	Biology I Advanced Science
AP Chemistry	Chemistry I Advanced Science
AP Physics 1	Physics I Advanced Science
AP Physics 2	Advanced Science
AP Physics C	Advanced Science

### SOCIAL STUDIES

AP Course	Graduation Credit
AP Human Geography	World Geography
AP Economics Macro	Economics
AP Economics Micro	Economics
AP European History	Elective
AP Psychology	Elective
AP US Government	Government
AP US History	American History
AP World History	World History

**Not all courses are offered at every campus. Students enrolled in AP Courses *are expected* to take the corresponding AP exam.**

### MATH

AP Course	Graduation Credit
AP Statistics	Advanced Math
AP Calculus AB	Advanced Math
AP Calculus BC	Advanced Math

### WORLD LANGUAGES

AP Course	Graduation Credit
AP Chinese	Elective
AP French	Elective
AP German	Elective
AP Japanese	Elective
AP Spanish Language	Elective
AP Spanish Literature	Elective

### FINE ARTS

AP Course	Graduation Credit
AP Art History	Elective
AP Music Theory	Elective
AP Studio Art 2D Design	Elective
AP Studio Art 2D Drawing	Elective
AP Studio Art 3D	Elective

### COMPUTER SCIENCE

AP Course	Graduation Credit
AP Comp Science 1A	Elective Advanced Math
AP Comp Science Principles	Elective



# GENERAL INFORMATION

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

## Enrollment Requirements

Students who meet the criteria for residency in the district may enroll in school. (For further information, see Admissions in the Student Handbook.) <https://cfbisd.edu/wp-content/uploads/2016/09/2017-2018-Student-Handbook-ENGLISH.pdf>)

## Graduation Requirements

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

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

**The 5 EOC assessments are:**

<b>English Language Arts</b>	<b>Math</b>	<b>Science</b>	<b>Social Studies</b>
<b>English I English II</b>	<b>Algebra I</b>	<b>Biology</b>	<b>US History</b>

***Accelerated Instruction for End of Course (EOC) assessments***

*A summer school program is available for students who do not meet the passing criteria 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/>.

## 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 at CALCULATION OF GRADE POINTS FOR CLASS RANKING. 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 Recommended or Advanced/Distinguished Achievement Program for graduation.

## Early Graduation

A junior shall be eligible for reclassification as a senior if the student accrues at least 20 credits by the end of the fall semester of his or her junior year and takes the December administration of the exit-level state-mandated assessment. 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.

## 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 Technology Education Career Prep classes will receive additional release time to report to work.

## **Earning Credits that Meet Graduation Requirements**

### **Awarding of Credit**

<b>GRADE LEVEL CLASSIFICATION</b>		
<b>GRADE</b>	<b>CLASSIFICATION</b>	<b>CREDITS</b>
9 <sup>th</sup>	Freshman	0-5½ Credits
10 <sup>th</sup>	Sophomore	6-11½ Credits
11 <sup>th</sup>	Junior	12-18½ Credits
12 <sup>th</sup>	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.

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

### **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.

### **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.

### **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.

### **Correspondence Courses**

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

1. The institutions offering the courses are the University of Texas at Austin, Texas Technological (TECH) University, or other public institutions of higher education approved by the Commissioner of Education.
2. 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 shall not be computed for determining class rank.

### **Additional Course Credit Options**



### **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**

A student may earn a maximum of ½ credit for each summer semester for a total of 1 credit in summer school.

Students may repeat any course offered in summer school when credit was not earned during the regular academic year. Students may take selected courses for acceleration according to summer school guidelines and administrative approval for foundation courses. There is an enrollment fee for most secondary CFB Summer Academic Courses. 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.

## **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 3-1/2 hours per evening.

### **Additional Guidelines:**

1. Students may pick up their registration form from their school counselor; the form must be signed by the counselor for admittance to the program.
2. Students must attend each evening that the class is scheduled to earn credit. A student is dropped after the second absence and tuition is not reimbursed.
3. Students must pay tuition to attend the CFB Night School.

## **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
- Scale score of 60 or higher on CLEP exam
- Minimum score of 80% on approved CBE

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

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

1. Administrative approval is needed for a student to take a Credit by Exam.
2. The first option for Credit by Exam is Texas Tech University or The University of Texas at Austin. Additional options for selected courses and Credit by Exam with prior instruction is a Board Approved CBE.
3. Grades earned for taking Credit by Exam courses shall not be computed for determining class rank but do appear on the student transcript.
4. A student may attempt to earn credit by examination for a specific high school course no more than two times. The second attempt for a CBE cannot occur within the same three month testing window as the first administration.
5. 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.
6. CBE for remediation is not accepted for NCAA eligibility.

**TAC 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

# **SPECIAL PROGRAMS**

## **Newcomer and ESOL Program**



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

The Newcomer 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 a Newcomer's English Language Development Course (NELD) before enrolling in ESOL I. NELD will be issued as a local elective credit for each of the first two semesters. The development of communicative competence occurs through targeted lessons based on students' needs, although language proficiency is the focus of instruction. Both course offerings enable students to become increasingly more proficient in English in all four language domains. Teachers validate students' native language and culture as a valuable resource and as a foundation to attain the target language by developing language, enriching vocabulary, and the 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**

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

## **Students with Dyslexia and Related Disorders**



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

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

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

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

# Advanced Academic Services



## Introduction

Carrollton-Farmers Branch ISD's gifted and talented programs are designed to challenge the gifted learner who demonstrates the need for an augmented curriculum. Typically, gifted students differ from their age peers in three important ways. First, they absorb information at a faster rate and process it very efficiently. Second, they are often able to comprehend information with greater depth than their classmates, showing greater insight and understanding. Third, they often have 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.

## Program Description

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

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

At the high school level, ACE and LEAP students are offered Global/AP Human Geography and World Experience/AP World History which combines both their English Pre-AP credit and an AP level Social Studies curriculum. Other opportunities for gifted and advanced learners include Pre-Advanced Placement, Advanced Placement, 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 (METS), 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.*

# ALTERNATIVE EDUCATION PROGRAMS



## Mary Grimes Education Center

Mary Grimes Education Center is an Alternative High School available to eligible students who choose to complete their high school graduation requirements in a non-traditional educational environment. Students complete credits through individualized self-paced 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.



## 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.

## Dual/Concurrent Credit Courses



## Brookhaven College

DALLAS COUNTY COMMUNITY COLLEGE DISTRICT



## North Lake College

DALLAS COUNTY COMMUNITY COLLEGE DISTRICT

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

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

Students taking dual credit classes on the high school campus will be required to pay a \$70.00 textbook fee.

See your school counselor for dual/concurrent course options.



## COURSES ACCEPTABLE FOR DUAL CREDIT

The following courses may be taken at CFBISD high school or the Brookhaven and North Lake Colleges of the Dallas County Community Colleges for dual credit purposes.

**CHECK WITH YOUR COUNSELOR ABOUT DUAL CREDIT OFFERINGS FOR YOUR CAMPUS.**

<b>COURSES ACCEPTABLE FOR DUAL CREDIT FOR ALL STUDENTS</b>					
<b>Creekview, Newman Smith, R.L. Turner, Ranchview High Schools</b>					
<b>CFB-ISD Courses</b>		<b>Dallas County Community College Course</b>		<b>High School Credit Earned</b>	<b>College Credit Earned</b>
<b>SOCIAL STUDIES</b>					
Government *	7317D	American Government	GOVT 2305	0.5	3
Economics *	7400	Introduction to Economics	ECON 1301	0.5	3
Economics *	7401D	Principles of Economics I	ECON 2301	0.5	3
Psychology *	7203	Introduction to Psychology	PSYC 2301	0.5	3
Special Topics in Social Studies*	0004	Major World Religions	PHIL 1304	0.5	3
Special Topics in Social Studies*	0005	Historic Survey of Major Religions	PHIL 1317	0.5	3
Sociology	7201D	Race, Ethnicity & Community	SOCI 2319	0.5	3
Business Law	8265D	Intro to Ethics	PHIL 2306	0.5	3
Principles of Law, Public Safety & Security	8148D	Intro to Criminal Justice	CRIJ 1301	0.5	3
Forensic Psychology	8155D	Crime in America	CRIJ 1307	0.5	3
Court Systems & Practices	8150D	Court Systems & Practices	CRIJ 1306	0.5	3
Law Enforcement I	8149D	Fundamentals of Criminal Law	CRIJ 1310	0.5	3
<b>COMMUNICATIONS</b>					
Professional Communication	8300D	Fundamentals of Public Speaking	SPCH 1315	0.5	3
English IV	1310D	Composition I <b>and</b>	ENGL 1301	0.5	3
		Composition II	ENGL 1302	0.5	3
<b>BUSINESS COURSES</b>					
Advertising	8284	Advertising and Sales Promotion	MRKG 2349	1	3
Business Information Management I	8263D	Business Computer Applications	BCIS 1405	0.5	4
Digital Media	8174	Introduction to Presentation Graphics Software	ITSW 1410	1	4
Business Law	8265D	Business Law	BUSI 2301	0.5	3
Career Prep I	8229	Practicum (or field experience)	MRKG 1366	1	3
Business Management	8269	Principles of Management	BMGT 1327	1	3
Accounting I	8281	Introduction to Accounting I <b>and</b>	ACNT 1303	0.5	3
		Introduction to Accounting II	ACNT 1304	0.5	3
Accounting II	8282	Intro to Computerized Accounting <b>and</b>	ACNT 1311	0.5	3
		Principles of Financial Accounting	ACCT 2301	0.5	3
Money Matters	8341D	Personal Finance	BUSI 1307	0.5	3
<b>TECHNOLOGY COURSES</b>					
Automotive Technology	8160	Introduction to Automotive Technology	AUMT 1305	3	3
		Automotive Electrical Systems	AUMT 1307	3	3
		Automotive Technology Special Topics	AUMT 1391	3	3
		Automotive Electrical Lighting & Accessories	AUMT 2321	3	3
Telecommunication & Networking	8812D	Fundamentals of Networking Technologies	ITNW 1425	1	4
Computer Programming	8172D	Programming Logic and Design (Intro to Programming)	ITSE 1429	1	4
Web Technologies	8175D	Web Design I	IMED 1416	1	4



Computer Programming 1	8172D	Java Programming	ITSE 2417	1	4
Computer Programming 2		Advanced Java Programming	INEW 2438	1	4
Principles of Applied Engineering	8249	Intro to Engineering	ENGR 1201	0.5	2
Engineering Design and Presentation	8254	Engineering Graphics I	ENGR 1304	0.5	2
		Programming for Engineers	ENGR 2304	0.5	3
<b>OTHER LANGUAGES</b>					
French I	3604	Beginning French I and Beginning French II	FREN 1411 and FREN 1412	1	8
French II	3605				
French III	3606	Intermediate French I and Intermediate French II	FREN 2311 and FREN 2312	1	6
French IV - AP	3607				
German I	3700	Beginning German I and Beginning German II	GERM 1411 and GERM 1412	1	8
German II	3701				
German III	3702	Intermediate German I and Intermediate German II	GERM 2311 and GERM 2312	1	6
German IV - AP	3703				
Japanese I	3750	Beginning Japanese I and Beginning Japanese II	JAPN 1411 and JAPN 1412	1	8
Japanese II	3751				
Japanese III	3752	Intermediate Japanese I and Intermediate Japanese II	JAPN 2311 and JAPN 2312	1	6
Japanese IV	3753				
Amer Sign Language I	3401	Beginning American Sign Language I and Beginning Sign Language II	SGNL 1301 and SGNL 1302	1	6
Amer Sign Language II	3402				
Amer Sign Language III	3403	Intermediate American Sign Language I and Intermediate American Sign Language II	SGNL 2301 and SGNL 2302	1	6
Amer Sign Language IV	3404				
Spanish I	3808	Beginning Spanish I and Beginning Spanish II	SPAN 1411 and SPAN 1412	1	8
Spanish II	3810				
Spanish III	3820	Intermediate Spanish I and Intermediate Spanish II	SPAN 2311 and SPAN 2312	1	6
Spanish IV	3821				
<b>MATH</b>					
AQR	4796	College Math I	MATH 1332	0.5	3
College Algebra	4783	College Algebra	MATH 1314	0.5	3
Trigonometry	4793	Plane Trigonometry	MATH 1316	0.5	3
Statistics	4791	Introduction to Statistics	MATH 2342	0.5	3
Pre-Calculus	4770	Pre-Calculus Math	MATH 2412	1	4
AP Calculus AB	4780	Calculus I	MATH 2413	1	4
<b>FINE ARTS</b>					
Music History	B226	Music Appreciation	MUSI 1306	1	3
<b>SCIENCES</b>					
AP Biology	6635D	Biology for Science Majors I	BIOL 1406	1	4
Anatomy & Physiology	6637D	Human Anatomy & Physiology I	BIOL 2401	1	4
Pathophysiology	8338D	Nursing Pathophysiology	RNSG 1311	0.5	3
Science (Scientific Research and Design Indep. Study)	8257	College Physics I	PHYS 1401	1	4
	8258	College Physics II	PHYS 1402	1	4

<b>DUAL CREDIT FOR ECHS STUDENTS ONLY</b>					
<b>Brookhaven Early College High School</b>					
CFB-ISD Courses	Dallas County Community College Course			High School Credit Earned	College Credit Earned
<b>SOCIAL STUDIES</b>					
U.S. History	B702	History of the United States I 1301 plus History of the United States II 1302	HIST 1301 and HIST 1302	1	6
Government (ECHS Only)	B712	Federal Government	GOVT 2305	0.5	3
Government (ECHS	B714	Texas Government	GOVT 2306	0.5	3

<b>DUAL CREDIT FOR ECHS STUDENTS ONLY</b>					
<b>Brookhaven Early College High School</b>					
Only)					
Major World Religions	B732	Major World Religions	PHIL 1304	0.5	3
Economics	7401	Principles of Economics I	ECON 2301	0.5	3
Psychology	B722	Introduction to Psychology	PSYC 2301	0.5	3
Sociology	B720	Introduction to Sociology	SOCI 1301	0.5	3
Business Law	8265D	Intro to Ethics	PHIL 2306	0.5	3
Principles of Law, Public Safety & Security	8148D	Intro to Criminal Justice	CRIJ 1301	0.5	3
Forensic Psychology	8155D	Crime in America	CRIJ 1307	0.5	3
<b>COMMUNICATIONS</b>					
English III	B100	Composition I	ENGL 1301	0.5	3
	B100	Composition II	ENGL 1302	0.5	3
English IV	B102	British Literature	ENGL 2322	0.5	3
	B102	British Literature	ENGL 2323	0.5	3
Communications Applications	B260	Introduction to Speech Communications	SPCH 1311	0.5	3
<b>LAB SCIENCES</b>					
Scientific Research and Design (Independent Study)	B600	Biology for Non-Science Majors I	BIOL 1408	0.5	4
Scientific Research and Design (Independent Study)	B600	Biology for Non-Science Majors II	BIOL 1409	0.5	4
Scientific Research and Design (Independent Study)	8253 or 8254	College Physics I	PHYS 1401	1	4
Scientific Research and Design (Independent Study)	8253 or 8254	College Physics II	PHYS 1402	1	4
Scientific Research and Design (Independent Study)	8253 or 8254	Introductory Chemistry I	CHEM 1405	1	4
Scientific Research and Design (Independent Study)	8253 or 8254	General Chemistry I	CHEM 1411	1	4
Earth and Space Science	B630	Earth Science I	GEOL 1401	0.5	4
Earth and Space Science	B630	Earth Science II	GEOL 1402	0.5	4
Scientific Research and Design (Independent Study)	8253 or 8254	University Physics I	PHYS 2425	1	4
Scientific Research and Design (Independent Study)	8253 or 8254	University Physics II	PHYS 2426	1	4
<b>MATH</b>					
College Algebra	B406	College Algebra	MATH 1314	1	3
Trigonometry	B408	Plane Trigonometry	MATH 1316	1	3
College Math	B402	College Mathematics I	MATH 1332	1	3
Math Business and Econ	B400	Mathematics for Business and Econ	MATH 1324	1	3
Intro to Stats	B404	Introduction to Statistics	MATH 2342	1	3
Pre-Calculus	B410	Pre-Calculus Math	MATH 2412	1	4
Independent Study Calculus I	B411	Calculus I	MATH 2413	1	4
Independent Study Calculus II	B412	Calculus II	MATH 2414	1	4

<b>DUAL CREDIT FOR ECHS STUDENTS ONLY</b>					
<b>Brookhaven Early College High School</b>					
<b>CFB-ISD Courses</b>		<b>Dallas County Community College Course</b>		<b>High School Credit Earned</b>	<b>College Credit Earned</b>
<b>FINE ARTS</b>					
Art I	B200	Art Appreciation	ARTS 1301	1	3
Music History	B226	Music Appreciation	MUSI 1306	1	3
Theater Arts	2874	Theater Practicum II	DRAM 1221	0.5	2
Piano I	B220	Piano I	MUSI 1181	0.5	1
Piano II	B220	Piano II	MUSI 1182	0.5	1
Voice I	B222	Voice I	MUSI 1183	0.5	1
Music Theory I	B227	Fundamentals of Music I	MUSI 1301	0.5	3
Music Appreciation I	B228	Music Literature I	MUSI 1308	0.5	3
Music Appreciation II	B229	Music Literature II	MUSI 1309	0.5	3
<b>SPANISH</b>					
Spanish I	B300	Beginning Spanish 1	SPAN 1411	1	4
Spanish II	B302	Beginning Spanish 2	SPAN 1412	1	4
Spanish III	B304	Intermediate Spanish 1 and Intermediate Spanish 2	SPAN 2311	1	3
			SPAN 2312		3
Spanish Lit	3823	Introduction to Spanish Literature	SPAN 2322	1	3
<b>BUSINESS AND ENGINEERING</b>					
Business Inform Mgt. I	B800	Introduction to Computing	COSC 1301	1	3
Principles of Applied Engineering	8249	Intro to Engineering	ENGR 1201	0.5	2
Engineering Design and Presentation	8254	Engineering Graphics I	ENGR 1304	0.5	2
		Programming for Engineers	ENGR 2304	0.5	3
<b>HEALTH</b>					
Health	B500	Health for Today	PHED-1304	0.5	3



## **CHOOSING A CAREER PATHWAY TEXAS CTE PROGRAM**

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

### ***Goals of Texas CTE***

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

- Students may elect to take part in extended learning opportunities. Students may choose extended learning experiences such as service learning, internships, apprenticeships, and work-based learning.

## *A Personalized Graduation Plan*

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

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

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

## *Texas CTE Clusters*

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

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

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

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

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

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

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

## ***Career Assessment and Planning***

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

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

## UIL ELIGIBILITY AND ADVANCED CLASSES

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

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

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

# ENGLISH LANGUAGE ARTS

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

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

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## *FRESHMAN LEVEL COURSES*

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### **1010 ENGLISH I**

GRADE PLACEMENT: 9  
PREREQUISITE: NONE  
CREDIT: 1 UNIT

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.

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

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

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

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### **9401 FUNDAMENTALS OF ENGLISH I**

GRADE PLACEMENT: 9  
CREDIT: 1 UNIT

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

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### **9201 APPLIED ENGLISH I**

GRADE PLACEMENT: 9  
CREDIT: 1 UNIT

Provides an integrated focus on reading, writing, research, listening, and speaking, and oral and written conventions (the TEKS, ELPS, and CCRS) aligned with content modifications stipulated by the students IEP. The course includes studies of the short story, non-fiction, poetry, novel, and drama. The development of critical reading and critical writing skills is a major emphasis of this course. This course meets English I graduation requirements.

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### **9101 DEVELOPMENTAL ENGLISH I**

CREDIT: 1 UNIT

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

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# ENGLISH LANGUAGE ARTS

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## **0300 PAS ENGLISH I**

GRADE PLACEMENT: 9  
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.

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## **1070 PRE AP ENGLISH I**

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

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

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## **1401 HONORS ENGLISH I**

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

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

IB Diploma Programme – at RHS campus only.

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## **1015 PRE-AP/HONORS/GT ENGLISH I GLOBAL EXPERIENCE**

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

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

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## **1911 NEWCOMERS ENGLISH LANGUAGE DEVELOPMENT (NELD A)**

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

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

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## **1921 NEWCOMERS ENGLISH LANGUAGE DEVELOPMENT (NELD B)**

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

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

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# ENGLISH LANGUAGE ARTS

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## *SOPHOMORE LEVEL COURSES*

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### **1151 ENGLISH II**

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

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.

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

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

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

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### **9402 FUNDAMENTALS OF ENGLISH II**

GRADE PLACEMENT: 10  
CREDIT: 1 UNIT

Provides an integrated study focusing on the English II TEKS as modified by the individual student's IEP. The course includes study of various literary genres including the short story, including the short story, poetry, drama, non-fiction, and the novel. All students will participate in the recursive writing process. Emphasis in both semester will be placed on vocabulary development, composition skills (with a focus on persuasive), critical reading and critical writing skills. This course meets English II graduation requirements.

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### **9202 APPLIED ENGLISH II**

GRADE PLACEMENT: 10  
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.

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### **9102 DEVELOPMENTAL ENGLISH II**

CREDIT: 1 UNIT

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

*RLT campus only.*

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### **0302 PAS ENGLISH II**

GRADE PLACEMENT: 10  
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.

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# ENGLISH LANGUAGE ARTS

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## **1171 PRE AP ENGLISH II**

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

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

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## **1402 HONORS ENGLISH II**

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

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

*IB Diploma Programme – at RHS campus only.*

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## **1115 Pre-AP/HONORS/GT ENGLISH II WORLD EXPERIENCE**

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

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

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## ***JUNIOR LEVEL COURSES***

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## **1210 ENGLISH III**

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

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.

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## **9403 FUNDAMENTALS OF ENGLISH III**

GRADE PLACEMENT: 11  
CREDIT: 1 UNIT

Provides an integrated study focusing on the English III TEKS as modified by the individual student's IEP. All students will participate in the recursive writing process. This course continues the emphasis on composition skills, vocabulary skills, literacy analysis, and research skills. The student will explore English as a developing and changing language. All literary study is supported by a writing component. This course meets English III graduation requirements.

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# ENGLISH LANGUAGE ARTS

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## **9203 APPLIED ENGLISH III**

GRADE PLACEMENT: 11  
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 III**

CREDIT: 1 UNIT

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

RLT campus only.

## **0304 PAS ENGLISH III**

GRADE PLACEMENT: 11  
CREDIT: 1 UNIT

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

## **1403 IB ENGLISH III (HL)**

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

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

*IB Diploma Programme – at RHS campus only.*

## **1221 AP ENGLISH III - ENGLISH LANGUAGE AND COMPOSITION**

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

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

# ENGLISH LANGUAGE ARTS

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## SENIOR LEVEL COURSES

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### **1310 ENGLISH IV**

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

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

### **9404 FUNDAMENTALS OF ENGLISH IV**

GRADE PLACEMENT: 12  
CREDIT: 1 UNIT

Provides an integrated study focusing on the English IV TEKS as modified by the individual student's IEP. 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. This course meets English IV graduation requirements.

### **9204 APPLIED ENGLISH IV**

GRADE PLACEMENT: 12  
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 IV**

CREDIT: 1 UNIT

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

*RLT campus only.*

### **0306 PAS ENGLISH IV**

GRADE PLACEMENT: 12  
CREDIT: 1 UNIT

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

### **9205 APPLIED ENGLISH PLUS**

GRADE PLACEMENT: 12  
CREDIT: 1 UNIT

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

### **9105 DEVELOPMENTAL ENGLISH PLUS**

CREDIT: 1 UNIT

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

*RLT campus only.*

# ENGLISH LANGUAGE ARTS

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## **1979 AP ENGLISH IV - LITERATURE AND COMPOSITION**

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

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

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## **1404 IB ENGLISH IV (HL)**

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

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

*IB Diploma Programme – at RHS campus only.*

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## **1321 INDEPENDENT STUDY IN ENGLISH**

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

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

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## ***ENGLISH LANGUAGE ARTS ELECTIVES***

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### **1609 READING I**

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

### **1610 READING II**

GRADE PLACEMENT: 10-12  
CREDIT: 1 UNIT

### **1611 READING III**

GRADE PLACEMENT: 10-12  
CREDIT: 1 UNIT

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

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# ENGLISH LANGUAGE ARTS

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## **1617 FUNDAMENTALS OF READING I**

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

## **1618 FUNDAMENTALS OF READING II**

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

## **1619 FUNDAMENTALS OF READING III**

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

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

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## **1613 READ 180**

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

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

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## **1640 STAAR ELA**

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

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

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## **1154 CREATIVE WRITING**

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

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.

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## **1155 ADVANCED CREATIVE WRITING**

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

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

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# ENGLISH LANGUAGE ARTS

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## **1322 RESEARCH/TECHNICAL WRITING**

GRADE PLACEMENT: 12  
PREREQUISITE: NONE  
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 students' evaluation of his/her own writing as well as the writing of others insures that students completing this course are able to analyze and discuss published and unpublished pieces of writing, develop and apply criteria for effective writing, and set their own goals as writers.

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## **1323 PRACTICAL WRITING SKILLS**

GRADE PLACEMENT: 12  
PREREQUISITE: NONE  
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.

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## **1324 COLLEGE PREPARATORY COURSE ENGLISH LANGUAGE ARTS**

GRADE PLACEMENT: 12  
PREREQUISITE: NONE  
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. College Prep English 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. Instruction in this course will align to the Texas Career and College Readiness Standards (CCRS), the Texas Essential Knowledge and Skills (TEKS) of English IV, as well as Texas Success Initiative Framework for College Reading. This course may count as an Advanced English credit to earn an endorsement under the Foundation High School Program. This course will not satisfy the English IV requirement on the Foundation Graduation plan.

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## **1910 SOCIAL INTELLIGENCE FOR ESL STUDENTS (SIESL)**

GRADE PLACEMENT: 9-12  
PREREQUISITE: 12 MONTHS OR LESS IN US SCHOOLS OLPT = LEVEL 0.1  
CREDIT: 1 UNIT



This Course provides ESL students with the necessary knowledge and skills required for successful adaptation to a new community and educational environment. Students will learn skills to navigate through social situations, such as conflict resolution, communication, decision making, cultural awareness, etc.

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# MATHEMATICS

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## **4650 ALGEBRA I**

GRADE PLACEMENT: 9  
PREREQUISITE: NONE  
CREDIT: 1 UNIT

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.

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## **9411 FUNDAMENTALS OF ALGEBRA I**

GRADE PLACEMENT: 9  
CREDIT: 1 UNIT

Uses a variety of representations (concrete, numerical, algorithmic, and graphical) to expand the understanding of functions, linear functions, and quadratic and other nonlinear functions. Content is modified by the individual student's IEP. Graphing calculators will be used extensively in this course. This course meets Algebra I graduation requirements.

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## **0326 PAS ALGEBRA I**

GRADE PLACEMENT: 9-12  
CREDIT: 1 UNIT

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

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## **7693 STEP UP**

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

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

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## **9414 FUNDAMENTAL STEP-UP**

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

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

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## **4785 STAAR MATHEMATICS**

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

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

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# MATHEMATICS

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## **4670 GEOMETRY**

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

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

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## **9412 FUNDAMENTALS OF GEOMETRY**

GRADE PLACEMENT: 10  
CREDIT: 1 UNIT

Uses a variety of representations (concrete, pictorial, algebraic, and coordinate) to expand the understanding of geometric structure, patterns, dimensionality, congruence, and similarity aligned with content modifications stipulated by the student's IEP. Graphing calculators will be used extensively in this course. This course meets the Geometry graduation requirement.

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## **0330 PAS GEOMETRY**

GRADE PLACEMENT: 10  
CREDIT: 1 UNIT

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

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## **4680 PRE AP GEOMETRY**

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

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

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## **1412 HONORS GEOMETRY**

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

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

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*IB Diploma Programme – at RHS campus only.*

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## **4690 ALGEBRA II**

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

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.

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## **4700 PRE AP ALGEBRA II**

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

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

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# MATHEMATICS

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## 1413 HONORS ALGEBRA II

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

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

*IB Diploma Programme – at RHS campus only*

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## 4652 ACCELERATED ALGEBRA I

GRADE PLACEMENT: 10-11  
PREREQUISITE: ALGEBRA I WAS TAKEN WITH NOT CREDIT RECEIVED  
CREDIT: 1 UNIT SEMESTER COURSE

Accelerated Algebra I is an Algebra I course that will be double-blocked for students to receive their full credit in a semester. They should have had Algebra I previously and not received credit. The course uses a variety of representations (concrete, numerical, algorithmic, and graphical) to expand the understanding of, linear, quadratic, and other nonlinear functions. Graphing calculators will be used extensively in this course.

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## 4672 ACCELERATED GEOMETRY

GRADE PLACEMENT: 10-11  
PREREQUISITE: ACCELERATED ALGEBRA I OR GEOMETRY WITH NO CREDIT RECEIVED  
CREDIT: 1 UNIT SEMESTER COURSE

Accelerated Geometry is a Geometry course that will be double-blocked for students to receive their full credit in a semester. Students who took accelerated Algebra I for a semester and received credit can take the accelerated Geometry course. The course uses a variety of representations (concrete, numerical, algorithmic, and graphical) to expand the understanding of geometric structure, patterns, dimensionality, congruence and similarity. Graphing calculators will be used extensively in this course.

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## 4710 MATHEMATICS MODELS WITH APPLICATIONS

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

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 II and prepares them for various post-secondary choices.

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## 9413 FUNDAMENTALS OF MATH MODELS

GRADE PLACEMENT: 11  
CREDIT: 1 UNIT

Teaches students to use algebraic, graphical, and geometric reasoning to recognize patterns and structure, to model information, and to solve problems from various disciplines with content modified as stipulated by student's IEP. Graphing calculators will be used extensively in this course. Satisfies math credit for graduation.

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## 0311 PAS MATH MODELS

GRADE PLACEMENT: 11-12  
CREDIT: 1 UNIT

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

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# MATHEMATICS

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## **4769 PRE-CALCULUS**

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

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

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## **4770 PRE AP PRE-CALCULUS**

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

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

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## **4796 ADVANCED QUANTITATIVE REASONING**

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

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

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## **1414 HONORS PRE-CALCULUS**

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

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

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## **4780 AP CALCULUS AB**

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

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.

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## **4781 AP CALCULUS BC**

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

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

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# MATHEMATICS

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## **4795 AP STATISTICS**

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

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

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## **1415 IB MATHEMATICAL STUDIES (SL)**

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

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

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## **1416 IB MATHEMATICS I (SL)**

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

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

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*IB Diploma Programme – at RHS campus only.*

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## **1418 IB MATHEMATICS II (SL)**

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

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

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*IB Diploma Programme – at RHS campus only.*

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## **9211 APPLIED ALGEBRA I**

GRADE PLACEMENT: 9  
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.

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## **9111 DEVELOPMENTAL ALGEBRA I**

CREDIT: 1 UNIT

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

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# MATHEMATICS

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## **9212 APPLIED GEOMETRY**

GRADE PLACEMENT: 10  
CREDIT: 1 UNIT

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

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## **9112 DEVELOPMENTAL GEOMETRY**

CREDIT: 1 UNIT

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

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## **9213 APPLIED MATH MODELS**

GRADE PLACEMENT: 11  
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.

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## **9113 DEVELOPMENTAL MATH MODELS**

CREDIT: 1 UNIT

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

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## **9214 APPLIED MATH PLUS**

GRADE PLACEMENT: 12+  
CREDIT: 1 UNIT

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

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## **9114 DEVELOPMENTAL MATH PLUS**

CREDIT: 1 UNIT

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

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## **4787 COLLEGE PREPARATORY COURSE MATHEMATICS**

GRADE PLACEMENT: 12  
PREREQUISITE: ALGEBRA II  
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 may count as a 4th mathematics credit to earn an endorsement under the Foundation High School Program. This course will NOT count as a 4th math under the Minimum, Recommended, or Distinguished Achievement Programs.

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# MATHEMATICS

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## *MATHEMATICS – INDEPENDENT STUDY*

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*THIS CREDIT MAY BE EARNED BY ENROLLING IN THE FOLLOWING COURSES: COLLEGE ALGEBRA, TRIGONOMETRY, CALCULUS III OR DIFFERENTIAL EQUATIONS.*

### **4783 COLLEGE ALGEBRA – INDEPENDENT STUDY IN MATHEMATICS**

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

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

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

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### **4793 TRIGONOMETRY – INDEPENDENT STUDY IN MATHEMATICS**

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

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

Dual Credit Course.

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

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

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

Dual credit course and 3 hours UNT college credit.

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

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

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

Dual credit course and 3 hours UNT college credit.

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# SCIENCE

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## **6616 INTEGRATED PHYSICS & CHEMISTRY**

GRADE PLACEMENT: 9-10 RECOMMENDED

PREREQUISITE: NONE

CREDIT: 1 UNIT

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.

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## **0345 PAS IPC**

GRADE PLACEMENT: 9-10

CREDIT: 1 UNIT

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

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## **6620 BIOLOGY I**

GRADE PLACEMENT: 9-10

PREREQUISITE: NONE

CREDIT: 1 UNIT

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.

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## **0348 PAS BIOLOGY**

GRADE PLACEMENT: 9

CREDIT: 1 UNIT

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

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## **6625 PRE AP BIOLOGY I**

GRADE PLACEMENT: 9-10

PREREQUISITE: TEACHER RECOMMENDATION

CREDIT: 1 UNIT

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

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## **6635 AP BIOLOGY**

GRADE PLACEMENT: 9-12

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

CREDIT: 1 UNIT

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

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# SCIENCE

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## 1421 HONORS BIOLOGY

GRADE PLACEMENT: 9

PREREQUISITE: TEACHER ADVISEMENT AND/OR IB DIPLOMA PROGRAMME ADMISSION

CREDIT: 1 UNIT

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

*IB Diploma Programme – at RHS campus only*

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## 1427 IB BIOLOGY I (HL)

GRADE PLACEMENT: 11

PREREQUISITE: CHEMISTRY, ALGEBRA II, AND/OR IB DIPLOMA PROGRAMME ADMISSION

CREDIT: 1 UNIT

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

*IB Diploma Programme – at RHS campus only*

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## 1428 IB BIOLOGY II (HL)

GRADE PLACEMENT: 12

PREREQUISITE: IB BIOLOGY I AND/OR IB DIPLOMA PROGRAMME ADMISSION

CREDIT: 1 UNIT

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

*IB Diploma Programme – at RHS campus only*

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## 6640 CHEMISTRY I

GRADE PLACEMENT: 10-12

PREREQUISITE: 1 YR. SCIENCE AND GEOMETRY OR TAKING CONCURRENTLY

CREDIT: 1 UNIT

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

## 6645 PRE AP CHEMISTRY I

GRADE PLACEMENT: 10-12

PREREQUISITE: 1 YR. SCIENCE AND GEOMETRY OR TAKING CONCURRENTLY

CREDIT: 1 UNIT

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.

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# SCIENCE

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## 1422 HONORS CHEMISTRY

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

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

*IB Diploma Programme – at RHS campus only.*

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## 1423 IB CHEMISTRY 1 (HL)

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

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

*IB Diploma Programme – at RHS campus only.*

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## 1424 IB CHEMISTRY II (HL)

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

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

*IB Diploma Programme – at RHS campus only.*

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## 6650 AP CHEMISTRY II

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

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

## 6637 ANATOMY AND PHYSIOLOGY

GRADE PLACEMENT: 11-12  
PREREQUISITE: BIOLOGY I AND CHEMISTRY I  
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.

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# SCIENCE

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## **6655 PHYSICS**

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

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.

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## **6656 PRE AP PHYSICS**

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

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.

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*ECHS & METSA only*

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## **6660 AP PHYSICS 1**

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

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

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## **6662 AP PHYSICS 2**

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

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

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## **6663 AP PHYSICS C: ELECTRICITY AND MAGNETISM**

GRADE PLACEMENT: 11-12  
PREREQUISITE: PHYSICS, AP PHYSICS 1 OR 2, CALCULUS (OR CONCURRENT ENROLLMENT IN CALCULUS)  
CREDIT: 1 UNIT

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.

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## **6664 AP PHYSICS C: MECHANICS**

GRADE PLACEMENT: 11-12  
PREREQUISITE: PHYSICS, AP PHYSICS 1 OR 2, CALCULUS (OR CONCURRENT ENROLLMENT IN CALCULUS)  
CREDIT: 1 UNIT

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.

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# SCIENCE

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## **1425 IB PHYSICS I (SL)**

GRADE PLACEMENT: 11

PREREQUISITE: CHEMISTRY, ALGEBRA 2, AND IB DIPLOMA PROGRAMME ADMISSION

CREDIT: 1 UNIT

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

*IB Diploma Programme – at RHS campus only.*

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## **1426 IB PHYSICS II (SL)**

GRADE PLACEMENT: 12

PREREQUISITE: IB PHYSICS I AND/OR IB DIPLOMA PROGRAMME ADMISSION

CREDIT: 1 UNIT

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

*IB Diploma Programme – at RHS campus only.*

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## **6670 ASTRONOMY**

GRADE PLACEMENT: 11-12

PREREQUISITE: 2 YRS. OF LABORATORY SCIENCE

CREDIT: 1 UNIT

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.

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## **6615 ENVIRONMENTAL SYSTEMS**

GRADE PLACEMENT: 11-12

PREREQUISITE: 2 YRS. OF LABORATORY SCIENCE

CREDIT: 1 UNIT

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

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## **6617 PAS ENVIRONMENTAL SYSTEMS**

GRADE PLACEMENT: 11-12

CREDIT: 1 UNIT

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

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## **6611 AP ENVIRONMENTAL SCIENCE**

GRADE PLACEMENT: 11-12

PREREQUISITE: BIOLOGY, CHEMISTRY, ALGEBRA II

CREDIT: 1 UNIT

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

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# SCIENCE

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## **6675 LABORATORY MANAGEMENT**

GRADE PLACEMENT: 11-12

PREREQUISITE: COMPLETION OF 2 YRS. OF LABORATORY SCIENCE, ONE OF WHICH IS CHEMISTRY,  
(TEACHER RECOMMENDATION) FOR LOCAL CREDIT ONLY

CREDIT: 1/2 UNIT (LOCAL)

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

## **8253 SCIENTIFIC RESEARCH AND DESIGN I (INDEPENDENT STUDY)**

GRADE PLACEMENT: 11-12

PREREQUISITE: COMPLETION OF TWO YEARS OF LABORATORY SCIENCE

CREDIT: 1 UNIT

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

*\*RLT Campus Ignite I*

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

GRADE PLACEMENT: 11-12

PREREQUISITE: PHYSICS, PREAP PHYSICS OR CONCURRENT ENROLLMENT IN PHYSICS

CREDIT: 1 UNIT

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

*\*RLT Campus Ignite II*

## **7383 FORENSIC SCIENCE**

GRADE PLACEMENT: 11-12

PREREQUISITE: BIOLOGY AND CHEMISTRY WITH A RECOMMENDATION OF PRINCIPLES OF LAW, PUBLIC SAFETY, CORRECTIONS AND SECURITY AND/OR LAW ENFORCEMENT I

CREDIT: 1 UNIT

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

## **1644 STAAR SCIENCE**

GRADE PLACEMENT: 10-12

PREREQUISITE: NON-MASTERY OF PREVIOUS STAAR SCIENCE

CREDIT: 1/2 UNIT (LOCAL)

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

## **8205 FOOD SCIENCE**

GRADE PLACEMENT: 12

PREREQUISITE: 3 YEARS OF SCIENCE AND TEACHER APPROVAL

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.

# SCIENCE

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## **8223 ADVANCED ANIMAL SCIENCE**

GRADE PLACEMENT: 12  
PREREQUISITE: 3 YEARS OF SCIENCE OR THIRD YEAR CONCURRENTLY  
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 veterinary science.

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## **9221 APPLIED BIOLOGY I**

GRADE PLACEMENT: 9-10  
CREDIT: 1 UNIT

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

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## **9121 DEVELOPMENTAL BIOLOGY I**

CREDIT: 1 UNIT

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

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## **9222 APPLIED IPC**

GRADE PLACEMENT: 10-12  
CREDIT: 1 UNIT

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

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## **9122 DEVELOPMENTAL IPC**

CREDIT: 1 UNIT

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

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## **9223 APPLIED SCIENCE PLUS**

GRADE PLACEMENT: 11+  
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.

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## **9123 DEVELOPMENTAL SCIENCE PLUS**

CREDIT: 1 UNIT

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

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# SOCIAL STUDIES

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## **7980 WORLD GEOGRAPHY STUDIES**

GRADE PLACEMENT: 9  
PREREQUISITE: NONE  
CREDIT: 1 UNIT

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.

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## **9230 APPLIED WORLD GEOGRAPHY**

GRADE PLACEMENT: 9  
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.

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## **9130 DEVELOPMENTAL WORLD GEOGRAPHY**

CREDIT: 1 UNIT

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

*RLT campus only.*

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## **0363 PAS WORLD GEOGRAPHY**

GRADE PLACEMENT: 9  
CREDIT: 1 UNIT

Students examine cultures and the interaction of humans with their physical environment. They use process skills to study geographic patterns and influences. Instructional techniques will vary to accommodate the student's IEP/BIP.

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## **7981 PRE AP WORLD GEOGRAPHY STUDIES**

GRADE PLACEMENT: 9  
PREREQUISITE: NONE  
CREDIT: 1 UNIT

This course is designed for students who wish to have a more challenging and rigorous social studies experience. Students examine cultures and the interaction of humans with their physical environment thematically through the lens of process skills to analyze geographic patterns and influences on past and present events in order to make informed decisions about the future.

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## **7982 AP HUMAN GEOGRAPHY**

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

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. It prepares students to take the Advanced Placement Examination for college credit with content prescribed by the College Board.

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## **1431 HONORS WORLD GEOGRAPHY**

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

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

*IB Diploma Programme – at RHS campus only.*

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# SOCIAL STUDIES

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## **7615 AP/GT HUMAN GEOGRAPHY GLOBAL EXPERIENCE**

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

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

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## **7975 AP/GT WORLD HISTORY**

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

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

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## **7911 WORLD HISTORY STUDIES**

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

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.

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## **9231 APPLIED WORLD HISTORY**

GRADE PLACEMENT: 10  
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.

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## **9131 DEVELOPMENTAL WORLD HISTORY**

CREDIT: 1 UNIT

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

*RLT campus only.*

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## **0362 PAS WORLD HISTORY**

GRADE PLACEMENT: 10  
CREDIT: 1 UNIT

This course provides a global understanding of the growth and development of selected world civilizations from ancient times to the present. Students will develop an understanding of interdependence while comparing social, economic, and political institutions over time. Instructional techniques will vary to accommodate the student's IEP/BIP.

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## **7971 PRE AP WORLD HISTORY STUDIES**

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

This course is designed for students who wish to have a more challenging and rigorous social studies experience. Using historical thinking skills and a variety of primary and secondary source material, 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.

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# SOCIAL STUDIES

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## **1432 HONORS WORLD HISTORY**

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

This course is a survey of the history of humankind. Using historical thinking skills and a variety of primary and secondary source material, 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. Honors World History is intended to prepare the highly motivated student for future IB level coursework.

*IB Diploma Programme – at RHS campus only*

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## **7972 AP WORLD HISTORY**

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

Students investigate the content of world history for significant events, individuals, developments, and processes in six historical periods. They develop and use the same thinking skills and methods employed by historians, which include analyzing primary and secondary 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. It prepares students to take the Advanced Placement Examination for college credit with content prescribed by the College Board.

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## **7610 U. S. HISTORY**

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

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.

*Dual Credit is available for ECHS students only.*

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## **9232 APPLIED U.S. HISTORY**

GRADE PLACEMENT: 11  
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.

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## **9132 DEVELOPMENTAL U.S. HISTORY**

CREDIT: 1 UNIT

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

*RLT campus only.*

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## **0360 PAS U.S. HISTORY**

GRADE PLACEMENT: 11  
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.

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# SOCIAL STUDIES

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## **7660 AP UNITED STATES HISTORY**

GRADE PLACEMENT: 11-12

PREREQUISITE: U.S. HISTORY HONORS PREFERRED; ENGLISH II OR III HONORS PREFERRED; READING SCORES ABOVE GRADE LEVEL. TEACHER RECOMMENDATION

CREDIT: 1 UNIT

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. The themes require students to 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. It prepares students to take the Advanced Placement Examination for college credit with content prescribed by the College Board.

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## **7670 UNITED STATES HISTORY – PRE-AP**

GRADE PLACEMENT: 11-12

PREREQUISITE: TEACHER RECOMMENDATION

CREDIT: 1 UNIT

This course is designed for students who wish to have a more challenging and rigorous social studies experience. 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, major wars, domestic and foreign policies, 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 develop critical-thinking skills and use a variety of primary and secondary source material to apply methods historians use to understand and interpret the past, including multiple points of view and historical context.

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## **1433 IB HISTORY OF THE AMERICAS I (HL)**

GRADE PLACEMENT: 11

PREREQUISITE: WORLD EXPERIENCE OR PRE-DIPLOMA WORLD HISTORY AND/OR IB DIPLOMA PROGRAMME ADMISSION

CREDIT: 1 UNIT

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

*IB Diploma Programme – at RHS campus only*

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## **1434 IB HISTORY OF THE AMERICAS II (HL)**

GRADE PLACEMENT: 12

PREREQUISITE: IB HISTORY OF THE AMERICAS I AND/OR IB DIPLOMA PROGRAMME ADMISSION

CREDIT: 1 UNIT

Continues a study of 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 20<sup>th</sup> Century social issues and government systems. Research projects are required. IB History of the Americas will fulfill one of the three required Higher Level components for the IB Diploma candidate, provided that the candidate earned credit for IB History of the Americas 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. All students participating in the course will be required to complete all IB assessments associated with this course. Students may choose to take the test for Advanced Placement credit.

*IB Diploma Programme – at RHS campus only*

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## **7985 AP EUROPEAN HISTORY**

GRADE PLACEMENT: 11-12

PREREQUISITE: WORLD HISTORY PRE-AP OR WORLD EXPERIENCE

CREDIT: 1 UNIT

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

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# SOCIAL STUDIES

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

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

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.

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## **9234 APPLIED ECONOMICS**

GRADE PLACEMENT: 12  
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.

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## **9134 DEVELOPMENTAL ECONOMICS**

CREDIT: 1/2 UNIT

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

*RLT campus only.*

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## **0364 PAS ECONOMICS**

GRADE PLACEMENT: 11-12  
CREDIT: 1/2 UNIT

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

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## **7402 AP ECONOMICS - MICRO**

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

This course studies the behavior of discrete parts of the economy—the individual, the household, the company. It prepares students to take the Advanced Placement Examination for college credit with content prescribed by the College Board, unless the student is enrolled for dual credit.

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## **7403 AP ECONOMICS - MACRO**

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

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

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## **7210 PERSONAL FINANCIAL LITERACY**

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

Personal Financial Literacy will develop 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.

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# SOCIAL STUDIES

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## **7317 UNITED STATES GOVERNMENT**

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

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.

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## **9233 APPLIED GOVERNMENT**

GRADE PLACEMENT: 12  
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.

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## **9133 DEVELOPMENTAL GOVERNMENT**

CREDIT: 1/2 UNIT

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

*RLT campus only.*

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## **0365 PAS GOVERNMENT**

GRADE PLACEMENT: 11-12  
CREDIT: 1/2 UNIT

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

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## **7378 FOUNDATIONS OF THE AMERICAN LEGAL SYSTEM**

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

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

*CHS Law and Criminal Justice Academy only.*

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## **7380 LEGAL ISSUES SEMINAR**

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

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

*CHS Law and Criminal Justice Academy only.*

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## **7345 SPECIAL TOPICS IN SOCIAL STUDIES: LAW STUDIES I**

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

This course introduces students to the structure and process of our legal system as it relates to their everyday lives. This course is not a pre-requisite to Advanced Placement Government.

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# SOCIAL STUDIES

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## **7377 AP UNITED STATES GOVERNMENT**

GRADE PLACEMENT: 11-12

PREREQUISITE: 2 CREDITS IN SOCIAL STUDIES-HONORS OR ABOVE PREFERRED, AND TEACHER RECOMMENDATION

CREDIT: 1 UNIT

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. The Advanced Placement Government course prepares the student to take the Advanced Placement Examination for college credit with content prescribed by the College Board.

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## **7201 SOCIOLOGY**

GRADE PLACEMENT: 10-12

PREREQUISITE: NONE

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.

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## **7203 PSYCHOLOGY**

GRADE PLACEMENT: 10-12

PREREQUISITE: NONE

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.

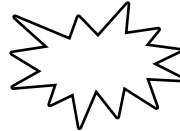
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## **7204 PRE AP PSYCHOLOGY**

GRADE PLACEMENT: 11-12

PREREQUISITE: NONE

CREDIT: 1/2 UNIT



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

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## **7205 AP PSYCHOLOGY**

GRADE PLACEMENT: 11-12

PREREQUISITE: 2 CREDITS IN SOCIAL STUDIES AND TEACHER RECOMMENDATION

CREDIT: 1/2 UNIT

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. The Advanced Placement Psychology course prepares the student to take the Advanced Placement Examination for college credit with content prescribed by the College Board.

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# SOCIAL STUDIES

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## **7987 INDEPENDENT STUDY /MENTOR (ISM) (1<sup>ST</sup> TIME TAKEN)**

GRADE PLACEMENT: 9-12

STUDENTS MAY TAKE THIS COURSE 2 YEARS, BUT MUST PRESENT A DIFFERENT PRODUCT EACH YEAR.

PREREQUISITE: G/T IDENTIFIED AND/OR PREAP COURSE STUDENT OR COUNSELOR APPROVAL

CREDIT: 1/2 UNIT (AP WEIGHT)

03380003 1/2 UNIT FIRST TIME TAKEN

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

03380023 1/2 UNIT SECOND TIME TAKEN

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

03380033 1/2 UNIT THIRD TIME TAKEN

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

03380043 1/2 UNIT FOURTH TIME TAKEN

Students conduct in-depth research, prepare a product of professional quality, and present their findings to appropriate audiences. 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 shall be awarded one-half to one unit of credit for successful completion of this course. Students may take this course with different course content for a maximum of two credits.

*Dual Credit is available for ECHS students only.*

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## **0004 SPECIAL TOPICS IN SOCIAL STUDIES – MAJOR WORLD RELIGIONS**

GRADE PLACEMENT: 11-12

PREREQUISITE: NONE

CREDIT: 1/2 UNIT

This course introduces students to major world religions. The academic study of religion—not to be confused with a faith-centered approach to the study of religion—approaches the phenomenon of religion in human life as an objective field of study and inquiry. This course focuses upon the theology, beliefs, history, rituals, and practices of the world’s major religions.

*This is a dual credit course offered through DCCCD.*

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

GRADE PLACEMENT: 11-12

PREREQUISITE: NONE

CREDIT: 1/2 UNIT

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

*This is a dual credit course offered through DCCCD.*

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## **9235 APPLIED SOCIAL STUDIES PLUS**

GRADE PLACEMENT: 12+

CREDIT: 1 UNIT

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**

GRADE PLACEMENT: 12+

CREDIT: 1 UNIT

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

*RLT campus only.*

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# FINE ARTS

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## ART

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

Students registering for Art courses should expect:

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

### **2500 ART 1 BEGINNING**

GRADE PLACEMENT: 9-11

PREREQUISITE: NONE

CREDIT: 1 UNIT

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.

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### **2501 ART 1 INTERMEDIATE**

GRADE PLACEMENT: 9-10

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

CREDIT: 1 UNIT

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

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### **1461 IB ART/DESIGN I (HL)**

GRADE PLACEMENT: 11

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

CREDIT: 1 UNIT

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

*IB Diploma Programme – at RHS campus only.*

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### **1462 IB ART/DESIGN II (HL)**

GRADE PLACEMENT: 12

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

CREDIT: 1 UNIT

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

*IB Diploma Programme – at RHS campus only.*

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### **2502 ART 2 - PAINTING**

GRADE PLACEMENT: 10-12

PREREQUISITE: ART 1 (BEGINNING OR INTERMEDIATE)

CREDIT: 1 UNIT

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

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# FINE ARTS

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## **2503 ART 3 - PAINTING**

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

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

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## **2504 ART 4 - PAINTING**

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

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

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## **2519 ART 2 - DRAWING**

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

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

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## **2520 ART 3 - DRAWING**

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

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

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## **2521 ART 4 - DRAWING**

GRADE PLACEMENT: 12  
PREREQUISITE: DRAWING 3  
CREDIT: 1 UNIT

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

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## **2525 ART 2 - CERAMICS**

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

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

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## **2526 ART 3 - CERAMICS**

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

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

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## **2527 ART 4 - CERAMICS**

GRADE PLACEMENT: 12  
PREREQUISITE: CERAMICS 3  
CREDIT: 1 UNIT

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

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# FINE ARTS

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## **2528 ART 2 - JEWELRY**

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

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

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## **2529 ART 3 - JEWELRY**

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

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

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## **2530 ART 4 - JEWELRY**

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

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

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## **2531 ART 2 - SCULPTURE**

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

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

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## **2532 ART 3 - SCULPTURE**

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

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

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## **2533 ART 4 - SCULPTURE**

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

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

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## **2542 AP ART HISTORY**

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

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

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# FINE ARTS

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## **2510 INDEPENDENT STUDY IN ART**

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

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

## **2515 AP STUDIO ART/DRAWING PORTFOLIO**

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

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

## **2555 AP STUDIO ART/2-D DESIGN PORTFOLIO**

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

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

## **2556 AP STUDIO ART/3-D DESIGN PORTFOLIO**

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

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

# FINE ARTS

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## DANCE

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### 2401 DANCE 1

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

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

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

*Fine Arts Credit Only*

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### 2402 DANCE 2

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

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

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

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### 2403 DANCE 3

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

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

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### 2404 DANCE 4

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

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

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

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### 2405 DANCE INDEPENDENT STUDY

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

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

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### 2407 DANCE 1 - FOLKLORICO

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

### 2408 DANCE 2 - FOLKLORICO

GRADE PLACEMENT: 10-12  
PREREQUISITE: 2407  
CREDIT: 1 UNIT

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

**Folklorico Dance 1 and 2 will count as PE Equivalent.**

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# FINE ARTS

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## **2409 DANCE 3 - FOLKLORICO**

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

## **2410 DANCE 4 - FOLKLORICO**

GRADE PLACEMENT: 12  
PREREQUISITE: 2409  
CREDIT: 1 UNIT

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.

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## **2400 DANCE COMPANY 1**

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

## **2418 DANCE COMPANY 2**

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

## **2419 DANCE COMPANY 3**

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

## **2420 DANCE COMPANY 4**

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

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

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

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## **2411 DANCE PERFORMANCE ENSEMBLE 2**

GRADE PLACEMENT: 10-12  
PREREQUISITE: TRYOUTS ONLY  
CREDIT: 1 UNIT

## **2412 DANCE PERFORMANCE ENSEMBLE 3**

GRADE PLACEMENT: 11-12  
PREREQUISITE: TRYOUTS ONLY  
CREDIT: 1 UNIT

## **2414 DANCE PERFORMANCE ENSEMBLE 4**

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

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

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# FINE ARTS

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## **2406 DANCE 1-THEATRE**

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

## **2413 DANCE 2 -THEATRE**

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

## **2416 DANCE 3-THEATRE**

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

## **2417 DANCE 4-THEATRE**

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

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

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

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

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

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## **B210 WORLD CULTURAL DANCE FORMS: HIP- HOP (ECHS ONLY)**

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



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.

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## ***DRILL TEAM***

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

## **5625 DANCE 1 - DRILL TEAM**

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

## **5626 DANCE 2 - DRILL TEAM**

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

## **5627 DANCE 3 - DRILL TEAM**

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

## **5628 DANCE 4 - DRILL TEAM**

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

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

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

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# FINE ARTS

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## MUSIC

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

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

### **2701 MARCHING BAND/SYMPHONIC BAND 1**

GRADE PLACEMENT: 9  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT

### **2702 MARCHING BAND/SYMPHONIC BAND 2**

GRADE PLACEMENT: 10  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT

### **2703 MARCHING BAND/SYMPHONIC BAND 3**

GRADE PLACEMENT: 11  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT

### **2704 MARCHING BAND/SYMPHONIC BAND 4**

GRADE PLACEMENT: 12  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT

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

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# FINE ARTS

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## **2756 SYM BAND ENS 1**

GRADE PLACEMENT: 9  
PREREQUISITE: 2701  
CREDIT: 1 UNIT

## **2757 SYM BAND ENS 2**

GRADE PLACEMENT: 10  
PREREQUISITE: 2702  
CREDIT: 1 UNIT

## **2758 SYM BAND ENS 3**

GRADE PLACEMENT: 11  
PREREQUISITE: 2703  
CREDIT: 1 UNIT

## **2759 SYM BAND ENS 4**

GRADE PLACEMENT: 12  
PREREQUISITE: 2704  
CREDIT: 1 UNIT

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

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## **2706 MARCHING BAND/CONCERT BAND 1**

GRADE PLACEMENT: 9  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT

## **2707 MARCHING BAND/CONCERT BAND 2**

GRADE PLACEMENT: 10  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT

## **2708 MARCHING BAND/CONCERT BAND 3**

GRADE PLACEMENT: 11  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT

## **2709 MARCHING BAND/CONCERT BAND 4**

GRADE PLACEMENT: 12  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT

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

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# FINE ARTS

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## **2696 MARCHING BAND/VARSITY BAND 1**

GRADE PLACEMENT: 9  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT

## **2697 MARCHING BAND/VARSITY BAND 2**

GRADE PLACEMENT: 10  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT

## **2698 MARCHING BAND/VARSITY BAND 3**

GRADE PLACEMENT: 11  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT

## **2699 MARCHING BAND/VARSITY BAND 4**

GRADE PLACEMENT: 12  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT

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

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## **2692 MARCHING BAND/WIND ENSEMBLE 1**

GRADE PLACEMENT: 9  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT

## **2693 MARCHING BAND/WIND ENSEMBLE 2**

GRADE PLACEMENT: 10  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT

## **2694 MARCHING BAND/WIND ENSEMBLE 3**

GRADE PLACEMENT: 11  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT

## **2695 MARCHING BAND/WIND ENSEMBLE 4**

GRADE PLACEMENT: 12  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT

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

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# FINE ARTS

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## **2721 STAGE BAND/JAZZ BAND 1**

GRADE PLACEMENT: 9  
CREDIT: 1 UNIT

## **2722 STAGE BAND/JAZZ BAND 2**

GRADE PLACEMENT: 10  
CREDIT: 1 UNIT

## **2723 STAGE BAND/JAZZ BAND 3**

GRADE PLACEMENT: 11  
CREDIT: 1 UNIT

## **2724 STAGE BAND/JAZZ BAND 4**

GRADE PLACEMENT: 12  
CREDIT: 1 UNIT

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

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## **2761 CONCERT ORCHESTRA 1**

GRADE PLACEMENT: 9  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT

## **2762 CONCERT ORCHESTRA 2**

GRADE PLACEMENT: 10  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT

## **2763 CONCERT ORCHESTRA 3**

GRADE PLACEMENT: 11  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT

## **2764 CONCERT ORCHESTRA 4**

GRADE PLACEMENT: 12  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT

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

This organization is for strings only.

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# FINE ARTS

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## **2766 PHILHARMONIC ORCHESTRA 1**

GRADE PLACEMENT: 9  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT

## **2767 PHILHARMONIC ORCHESTRA 2**

GRADE PLACEMENT: 10  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT

## **2768 PHILHARMONIC ORCHESTRA 3**

GRADE PLACEMENT: 11  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT

## **2769 PHILHARMONIC ORCHESTRA 4**

GRADE PLACEMENT: 12  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT

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

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

This organization is for strings only.

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## **2780 CAMERATA ORCHESTRA 1**

GRADE PLACEMENT: 9  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT

## **2765 CAMERATA ORCHESTRA 2**

GRADE PLACEMENT: 10  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT

## **2770 CAMERATA ORCHESTRA 3**

GRADE PLACEMENT: 11  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT

## **2775 CAMERATA ORCHESTRA 4**

GRADE PLACEMENT: 12  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT

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

This organization is for strings only.

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# FINE ARTS

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## **2771 SYMPHONIC ORCHESTRA 1**

GRADE PLACEMENT: 9  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT

## **2772 SYMPHONIC ORCHESTRA 2**

GRADE PLACEMENT: 10  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT

## **2773 SYMPHONIC ORCHESTRA 3**

GRADE PLACEMENT: 11  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT

## **2774 SYMPHONIC ORCHESTRA 4**

GRADE PLACEMENT: 12  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT

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

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

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## **2805 CHAMBER ORCHESTRA 1**

GRADE PLACEMENT: 9  
PREREQUISITE: NONE  
CREDIT: 1 UNIT

## **2806 CHAMBER ORCHESTRA 2**

GRADE PLACEMENT: 10  
PREREQUISITE: NONE  
CREDIT: 1 UNIT

## **2807 CHAMBER ORCHESTRA 3**

GRADE PLACEMENT: 11  
PREREQUISITE: NONE  
CREDIT: 1 UNIT

## **2808 CHAMBER ORCHESTRA 4**

GRADE PLACEMENT: 12  
PREREQUISITE: NONE  
CREDIT: 1 UNIT

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

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

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# FINE ARTS

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## **2776 MEN'S CONCERT CHOIR 1**

GRADE PLACEMENT: 9  
PREREQUISITE: NONE  
CREDIT: 1 UNIT

## **2777 MEN'S CONCERT CHOIR 2**

GRADE PLACEMENT: 10  
PREREQUISITE: NONE  
CREDIT: 1 UNIT

## **2778 MEN'S CONCERT CHOIR 3**

GRADE PLACEMENT: 11  
PREREQUISITE: NONE  
CREDIT: 1 UNIT

## **2779 MEN'S CONCERT CHOIR 4**

GRADE PLACEMENT: 12  
PREREQUISITE: NONE  
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 ad deemed appropriate by the director. Preparation for and participation in University Interscholastic League Solo and Ensemble Contest and TMEA All-Region auditions is encouraged. A nominal non-refundable activity fee will be collected each year the student is enrolled in this course.

## **2781 WOMEN'S CONCERT CHOIR 1**

GRADE PLACEMENT: 9  
PREREQUISITE: NONE  
CREDIT: 1 UNIT

## **2782 WOMEN'S CONCERT CHOIR 2**

GRADE PLACEMENT: 10  
PREREQUISITE: NONE  
CREDIT: 1 UNIT

## **2783 WOMEN'S CONCERT CHOIR 3**

GRADE PLACEMENT: 11  
PREREQUISITE: NONE  
CREDIT: 1 UNIT

## **2784 WOMEN'S CONCERT CHOIR 4**

GRADE PLACEMENT: 12  
PREREQUISITE: NONE  
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 ad deemed appropriate by the director. Preparation for and participation in University Interscholastic League Solo and Ensemble Contest and TMEA All-Region auditions is encouraged. A nominal non-refundable activity fee will be collected each year the student is enrolled in this course.

# FINE ARTS

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## **2786 WOMEN'S SELECT CHOIR 1**

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

## **2787 WOMEN'S SELECT CHOIR 2**

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

## **2788 WOMEN'S SELECT CHOIR 3**

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

## **2789 WOMEN'S SELECT CHOIR 4**

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

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

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## **2791 A CAPPELLA CHOIR 1**

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

## **2792 A CAPPELLA CHOIR 2**

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

## **2793 A CAPPELLA CHOIR 3**

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

## **2794 A CAPPELLA CHOIR 4**

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

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

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# FINE ARTS

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## **2801 VOCAL ENSEMBLE 1**

GRADE PLACEMENT: 9  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT (FINE ARTS)

## **2802 VOCAL ENSEMBLE 2**

GRADE PLACEMENT: 10  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT (FINE ARTS)

## **2803 VOCAL ENSEMBLE 3**

GRADE PLACEMENT: 11  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT (FINE ARTS)

## **2804 VOCAL ENSEMBLE 4**

GRADE PLACEMENT: 12  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT (FINE ARTS CREDIT)

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

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## **2801P VOCAL ENSEMBLE 1**

GRADE PLACEMENT: 9  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT (PE CREDIT)

## **2802P VOCAL ENSEMBLE 2**

GRADE PLACEMENT: 10  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT (PE CREDIT)

## **2803P VOCAL ENSEMBLE 3**

GRADE PLACEMENT: 11  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT (PE CREDIT)

## **2804P VOCAL ENSEMBLE 4**

GRADE PLACEMENT: 12  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT (PE CREDIT)

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

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# FINE ARTS

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## **2711 MUSIC THEORY 1**

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

## **2712 MUSIC THEORY 2**

GRADE PLACEMENT: 11-12  
PREREQUISITE: TEACHER RECOMMENDATION  
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.

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## **2715 AP MUSIC THEORY**

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

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

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## **1465 IB MUSIC I (HL)**

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

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

*IB Diploma Programme – at RHS campus only*

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## **2870 THEATRE ARTS I**

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

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

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## **2871 THEATRE ARTS 2**

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

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

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# FINE ARTS

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## **2872 THEATRE ARTS 3**

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

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

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## **2873 THEATRE ARTS 4**

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

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

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## **2874 THEATRE ARTS INDEPENDENT STUDY**

GRADE PLACEMENT: 9-12  
PREREQUISITE: TEACHER RECOMMENDATION  
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.

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## **1468 IB THEATRE ARTS (HL)**

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

## **1469 IB THEATRE ARTS (HL)**

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

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

*RHS campus only.*

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## **2875 TECHNICAL THEATRE 1**

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

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

**NOTE: INVOLVES AFTER SCHOOL PARTICIPATION**

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# FINE ARTS

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## **2876 TECHNICAL THEATRE 2**

GRADE PLACEMENT: 10-12  
CREDIT: 1 UNIT

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

**NOTE: INVOLVES AFTER SCHOOL PARTICIPATION**

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## **2877 TECHNICAL THEATRE 3**

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

## **2878 TECHNICAL THEATRE 4**

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

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

**NOTE: INVOLVES AFTER SCHOOL PARTICIPATION**

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## **2880 THEATRE PRODUCTION 1**

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

## **2881 THEATRE PRODUCTION 2**

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

## **2882 THEATRE PRODUCTION 3**

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

## **2883 THEATRE PRODUCTION 4**

GRADE PLACEMENT: 12  
PREREQUISITE: AUDITION  
CREDIT: 1 UNIT

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

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# SPEECH/DEBATE

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## **2827 TECHNICAL THEATRE INDEPENDENT STUDY**

GRADE PLACEMENT: 11-12  
PREREQUISITE: TEACHER RECOMMENDATION  
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.

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## **2601 COMMUNICATION APPLICATIONS (SPEECH)**

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

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

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## **9260 APPLIED COMMUNICATIONS APPLICATIONS**

GRADE PLACEMENT: 9-12+  
CREDIT: 1/2 UNIT

Student will focus on personal and public oral and written communication skills with an emphasis on obtaining needed information. Adapted to meet the needs outlined in student's IEP.

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## **9160 DEVELOPMENTAL COMMUNICATIONS APPLICATIONS**

CREDIT: 1/2 UNIT

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

*RLT campus only.*

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## **8300 PROFESSIONAL COMMUNICATIONS (SPEECH)**

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

Blends written, oral, and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Within this context, students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research.

This course may be used to satisfy Speech credit.

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## **2606 DEBATE 1 (NONCOMPETITIVE)**

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

Helps students develop competence in reasoning, research skills, public speaking, and argumentation. Emphasizes improved analytical thinking and speaking skills. Competition is encouraged.

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## **2607 DEBATE 1 (COMPETITIVE)**

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

Prepares the novice debater who has an interest in competitive debate. Students are required to participate in tournaments in both argumentation events and public speaking events. Numerous research assignments, writing assignments and performance assignments will be required. In addition, each student will be expected to attend afternoon practice sessions.

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# SPEECH/DEBATE

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## **2623 DEBATE 2**

GRADE PLACEMENT: 10-12  
PREREQUISITE: 2606  
CREDIT: 1 UNIT

Prepares the advanced debate student who has proved through prior participation and teacher approval to be dedicated to an intense study of argumentation and debate. Students are required to participate in competitive debate situations throughout the year. Numerous research assignments must be completed both during and outside of the normal school day.

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## **2665 DEBATE 3**

GRADE PLACEMENT: 11-12  
PREREQUISITE: 2623 AND TEACHER RECOMMENDATION  
CREDIT: 1 UNIT

Emphasizes debate techniques, oratory and extemporaneous speaking and involvement in activities designed to stimulate the self-directed student's awareness of the effectiveness of good speaking techniques. Competition is required.

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## **2666 DEBATE 4**

GRADE PLACEMENT: 12  
PREREQUISITE: DEBATE III  
CREDIT: 1 UNIT (LOCAL)

Emphasizes debate techniques, oratory and extemporaneous speaking and involvement in activities designed to stimulate the self-directed student's awareness of the effectiveness of good speaking techniques. Competition is required.

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# JOURNALISM

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## **2930 JOURNALISM I**

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

Provides an introduction to the basics of Journalism. Includes forms and styles of journalistic writing, layout, design and production methods, processes of reporting, editing, basic principles of advertising, fundamentals of photography, production methods and organization of school publications. Skills of critical thinking and writing are emphasized.

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## **2935 INDEPENDENT STUDY JOURNALISM (1<sup>ST</sup> TIME TAKEN)**

GRADE PLACEMENT: 11-12  
PREREQUISITE: INSTRUCTOR APPROVAL  
CREDIT: 1 UNIT

## **2936 INDEPENDENT STUDY JOURNALISM (2ND TIME TAKEN)**

GRADE PLACEMENT: 11-12  
PREREQUISITE: INSTRUCTOR APPROVAL  
CREDIT: 1/2 UNIT

Allows writers and photographers to experiment with journalistic expression in a variety of formats including journalistic writing and photography at an advanced level. Students may NOT take the course in place of regularly scheduled newspaper or yearbook courses, and may NOT enroll in the course without adviser approval.

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## **2940 PHOTOJOURNALISM**

GRADE PLACEMENT: 10-11  
PREREQUISITE: TEACHER RECOMMENDATION  
CREDIT: 1/2 UNIT

Acquaints the student with photojournalism. Includes introduction to basic camera techniques and photo composition. Different campuses may vary between traditional darkroom and digital photo labs so equipment, supply lists and **lab fees** will vary.

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# JOURNALISM

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## **2950 ADVANCED JOURNALISM: NEWSPAPER PRODUCTION I**

GRADE PLACEMENT: 10-12  
PREREQUISITE: 2930 OR 2940 AND TEACHER RECOMMENDATION OR TEACHER RECOMMENDATION ONLY  
CREDIT: 1 UNIT

Allows the student to participate in the actual production of a newspaper. Students practice basic skills under the conditions of a production situation. Used as a teaching instrument within the approved curriculum, the paper remains under the supervision of the instructor; but the students actually operate the production by working in one or more of the following areas: photography, editing/reporting, and business management/advertising. Some after school hours are required.

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## **2955 ADVANCED JOURNALISM: NEWSPAPER PRODUCTION II**

GRADE PLACEMENT: 11-12  
PREREQUISITE: 2950 AND TEACHER RECOMMENDATION  
CREDIT: 1 UNIT

Provides students opportunity to participate in leadership roles in the production of a school newspaper. Students learn all aspects of the production of a school newspaper as well as one of the following journalistic specialties: desktop publishing, photography, editing/reporting, or business management/advertising. Students practice and refine advanced writing and editing skills. Some after school hours are required.

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## **2960 ADVANCED JOURNALISM: NEWSPAPER PRODUCTION III**

GRADE PLACEMENT: 12  
PREREQUISITE: 2955 AND TEACHER RECOMMENDATION  
CREDIT: 1 UNIT

Provides opportunity for the advanced journalism student who displays a high degree of skill and motivation in the area of newspaper production. Students lead the journalism staff in the production of the school newspaper and develop advanced and specialized skills in at least one of the following areas: desktop publishing, photography, editing/reporting, or business management/advertising. Students practice and refine advanced writing and editing skills. Some after school hours are required.

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## **2965 ADVANCED JOURNALISM: YEARBOOK I**

GRADE PLACEMENT: 10 - 12  
PREREQUISITE: 2930 OR 2940 AND TEACHER RECOMMENDATION OR TEACHER RECOMMENDATION ONLY  
CREDIT: 1 UNIT

Emphasizes the production of a yearbook through comprehensive reporting and on-the-spot photojournalism. Students may elect to work in desktop publishing, layout-copy production, photography, or business/ advertising. Students use graphic arts skills. Some after school hours are required.

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## **2970 ADVANCED JOURNALISM: YEARBOOK II**

GRADE PLACEMENT: 11 - 12  
PREREQUISITE: 2965 AND TEACHER RECOMMENDATION  
CREDIT: 1 UNIT

Allows students the opportunity to participate in leadership roles in the production of a school yearbook. Students specialize in one of the areas of desktop publishing, layout-copy production, photography, or business/ advertising, and learn the basic skills of all areas of magazine production as well. Some after school hours are required.

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## **2975 ADVANCED JOURNALISM: YEARBOOK III**

GRADE PLACEMENT: 12  
PREREQUISITE: 2970 AND TEACHER RECOMMENDATION  
CREDIT: 1 UNIT

Assists the advanced journalism student who displays a high degree of skill and motivation in the area of yearbook/ magazine production, leading other students on the staff in the production of the school yearbook. Students must demonstrate a well-developed sense of responsibility, leadership, and management skills in order to succeed in this course. They develop advanced and specialized skills in one of the following areas: photojournalism, layout/copy production, or business/ advertising. Some after school hours are required.

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# WORLD LANGUAGES

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## **3401 WORLD LANGUAGE LEVEL I – AMERICAN SIGN LANGUAGE**

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

## **3402 WORLD LANGUAGE LEVEL II – AMERICAN SIGN LANGUAGE**

GRADE PLACEMENT: 11-12  
PREREQUISITE: 3401 AND/OR TEACHER RECOMMENDATION  
CREDIT: 1 UNIT

Introduces basic signs, phrases and sentences using American Sign Language. Appreciation of the American Deaf culture will be emphasized.

*\*Dual Credit through BHC or distance learning only*

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## ***FRENCH***

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## **3604 WORLD LANGUAGE LEVEL I - FRENCH**

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

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

## **3605 WORLD LANGUAGE LEVEL II - FRENCH**

GRADE PLACEMENT: 10-12  
PREREQUISITE: 3604  
CREDIT: 1 UNIT

Emphasizes understanding the spoken word and speaking. Develops writing skills and reading for comprehension based on the people and cultures of France and francophone countries.

## **3606 PRE AP WORLD LANGUAGE LEVEL III - FRENCH**

GRADE PLACEMENT: 11-12  
PREREQUISITE: 3605  
CREDIT: 1 UNIT

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

## **3607 AP WORLD LANGUAGE LEVEL IV – FRENCH**

GRADE PLACEMENT: 12  
PREREQUISITE: 3606  
CREDIT: 1 UNIT

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.

## **3608 WORLD LANGUAGE LEVEL V - FRENCH**

GRADE PLACEMENT: 12  
PREREQUISITE: FRENCH IV AND/OR TEACHER ADVISEMENT  
CREDIT: 1 UNIT

Increases the amount of reading and writing significantly and refines use of grammar, sentence structure and vocabulary. Speaking with acceptable accuracy and fluency is emphasized as well. The study of literature and culture is included, but the main emphasis is on language skills and communication. Designed to prepare students for the AP French Language Exam.

# WORLD LANGUAGES

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## **1445 HONORS WORLD LANGUAGE FRENCH III**

GRADE PLACEMENT: 11  
PREREQUISITE: FRENCH II AND/OR IB DIPLOMA PROGRAMME ADMISSION  
CREDIT: 1 UNIT

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.

*IB Diploma Programme at RHS campus only*

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## **1446 WORLD LANGUAGE IB FRENCH IV**

GRADE PLACEMENT: 11-12  
PREREQUISITE: PRE-DIPLOMA FRENCH III AND/OR IB DIPLOMA PROGRAMME ADMISSION  
CREDIT: 1 UNIT

Advances a student's study of the French language, literature, and culture. The main emphasis is on sophisticated language acquisition and use in a range of contexts and for different purposes, and instruction will center upon the core elements of listening, speaking, reading, and writing. IB French 4 may fulfill one of the three required Standard Level components for the IB Diploma Candidate. Students will be required to complete all IB assessments associated with this course. Students may choose to test for Advanced Placement credit.

*IB Diploma Programme at RHS campus only*

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## **GERMAN**

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## **3700 WORLD LANGUAGE LEVEL I - GERMAN**

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

Emphasizes language skills in listening, speaking, reading, and writing. Includes a study of German culture.

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## **3701 WORLD LANGUAGE LEVEL II - GERMAN**

GRADE PLACEMENT: 10-12  
PREREQUISITE: 3700  
CREDIT: 1 UNIT

Emphasizes understanding the spoken word and speaking. Develops writing skills and reading for comprehension based on German culture.

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## **3702 PRE AP WORLD LANGUAGE LEVEL III - GERMAN**

GRADE PLACEMENT: 11-12  
PREREQUISITE: 3701  
CREDIT: 1 UNIT

Develops writing skills in addition to skills in listening, comprehension, speaking, and reading. Involves study towards a further appreciation of German culture.

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## **3703 AP WORLD LANGUAGE LEVEL IV - GERMAN**

GRADE PLACEMENT: 11-12  
PREREQUISITE: 3702  
CREDIT: 1 UNIT

Increases amount of reading and further develops writing skills. Emphasizes in-depth study of German culture and literature.

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# WORLD LANGUAGES

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## **3704 WORLD LANGUAGE LEVEL V - GERMAN**

GRADE PLACEMENT: 12  
PREREQUISITE: 3703  
CREDIT: 1 UNIT

Provides the student who will continue in a program consisting of discussion-level conversation, in-depth study of authentic German literature, advanced level writing skills and higher level listening activities which all combine to prepare the student for the German AP Test.

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## ***JAPANESE***

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## **3750 WORLD LANGUAGE LEVEL I - JAPANESE**

GRADE PLACEMENT: 9-12  
PREREQUISITE: NONE  
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.

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## **3751 WORLD LANGUAGE LEVEL II - JAPANESE**

GRADE PLACEMENT: 10-12  
PREREQUISITE: 3750  
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.

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## **3752 PRE AP WORLD LANGUAGE LEVEL III - JAPANESE**

GRADE PLACEMENT: 11-12  
PREREQUISITE: 3751  
CREDIT: 1 UNIT

Provides students with oral and written language skills with concentration on understanding instruction delivered in Japanese. Students should understand that this college-level course will demand outside preparation and intensive study.

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## **3753 AP WORLD LANGUAGE LEVEL IV - JAPANESE**

GRADE PLACEMENT: 12  
PREREQUISITE: 3752  
CREDIT: 1 UNIT

Extends proficiency skills taught in Levels I-III so that students may continue their study of the language.

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## **3754 WORLD LANGUAGE JAPANESE V LANGUAGE AND CULTURE**

GRADE PLACEMENT: 11-12  
PREREQUISITE: PRE-AP WORLD LANGUAGE JAPANESE IV (3753)  
CREDIT: 1 UNIT

Improves the productive, receptive and cultural skills necessary to communicate with native speakers and writers of Japanese. Encourages critical reflection about the Japanese culture, society, and other social categories. Proficiency levels at the conclusion of the course are expected to reach the Intermediate Low to Intermediate Mid-range, as described in the American Council on the Teaching of Foreign Languages.

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# WORLD LANGUAGES

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## SPANISH

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### **3807 WORLD LANGUAGE LEVEL I - SPANISH FOR NATIVE SPEAKERS**

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

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

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### **3808 WORLD LANGUAGE LEVEL I - SPANISH**

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

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

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### **3809 WORLD LANGUAGE LEVEL II – SPANISH FOR NATIVE SPEAKERS**

GRADE PLACEMENT: 9-12  
PREREQUISITE: 3807  
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.

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### **3810 WORLD LANGUAGE LEVEL II - SPANISH**

GRADE PLACEMENT: 9-12  
PREREQUISITE: TEACHER RECOMMENDATION OR WORLD LANGUAGE LEVEL I-SPANISH  
CREDIT: 1 UNIT

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

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### **3819 PRE AP WORLD LANGUAGE LEVEL III- SPANISH FOR NATIVE SPEAKERS**

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

Increases vocabulary, reading skills and grammar in addition to listening comprehension, speaking and writing. Develops a greater appreciation of Hispanic culture and civilization.

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### **3820 PRE-AP WORLD LANGUAGE LEVEL III SPANISH**

GRADE PLACEMENT: 10-12  
PREREQUISITE: 3810  
CREDIT: 1 UNIT

Develops reading skills in addition to greater skills in listening, speaking and writing. Develops a fuller appreciation of Hispanic culture and civilization. Helps to prepare students for Spanish IV Pre AP

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### **3822 WORLD LANGUAGE LEVEL IV – AP SPANISH LANGUAGE**

GRADE PLACEMENT: 11-12  
PREREQUISITE: 3820  
CREDIT: 1 UNIT

Increases the amount of original writing and reading. Class discussion in Spanish. Places a strong emphasis on Hispanic culture and civilization. Includes a survey of Hispanic literature, reading of literary selections, and literary analysis. This course prepares the student for the AP Language examination.

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# WORLD LANGUAGES

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## **3823 WORLD LANGUAGE LEVEL V – AP SPANISH LITERATURE**

GRADE PLACEMENT: 12  
PREREQUISITE: TEACHER RECOMMENDATION OR SPANISH IV  
CREDIT: 1 UNIT

Includes a survey of Hispanic literature, reading of literary selections, and literary analysis. Students will prepare for the Spanish advanced placement test (literature portion).

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## **1440 HONORS WORLD LANGUAGE SPANISH III**

GRADE PLACEMENT: 10-11  
PREREQUISITE: SPANISH II AND/OR IB DIPLOMA PROGRAMME ADMISSION  
CREDIT: 1 UNIT

Expands a student's study of the Spanish language and culture. The main emphasis is on language acquisition and use in a range of contexts and for different purposes, and instruction will center upon the core elements of listening, speaking, reading, and writing. Honors Spanish III is intended to prepare the highly motivated, advanced student for future IB level coursework.

*IB Diploma Programme at RHS campus only*

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## **1441 WORLD LANGUAGE IB SPANISH IV**

GRADE PLACEMENT: 11-12  
PREREQUISITE: SPANISH III AND/OR IB DIPLOMA PROGRAMME ADMISSION  
CREDIT: 1 UNIT

Advances a student's study of the Spanish language, literature, and culture. The main emphasis is on sophisticated language acquisition and use in a range of contexts and for different purposes, and instruction will center upon the core elements of listening, speaking, reading, and writing. IB Spanish 4 will fulfill one of the three required Standard Level components for the IB Diploma Candidate. All students participating in the course will be required to complete all IB assessments associated with this class. Students may choose to test for Advanced Placement credit.

*IB Diploma Programme at RHS campus only*

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## **1443 WORLD LANGUAGE IB SPANISH V**

GRADE PLACEMENT: 11-12  
PREREQUISITE: SPANISH IV AND/OR IB DIPLOMA  
CREDIT: 1 UNIT

Focuses on the learning of language through meaning. The following topics will be utilized as unifying concepts to guide the course: communication and media, global issues, social relationships, cultural diversity, science and technology, and literature.

Students in this course will: understand complex recorded or spoken information in Spanish; appreciate literary works in the target language; understand complex authentic written texts; communicate orally in the target language in order to explain in detail and defend a point of view, and accurately describe in detail experiences and events, as well as abstract ideas and concepts; produce clear texts in Spanish where the use of register, style, rhetorical devices and structural elements are appropriate to the audience and purpose; produce clear and convincing arguments in Spanish to support a point of view; demonstrate interaction that flows coherently with a degree of fluency and spontaneity; engage coherently in conversations in Spanish in a variety of situations; demonstrate intercultural engagement with the target language and culture(s)..

*IB Diploma Programme at RHS campus only*

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# WORLD LANGUAGES

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## *ECHS COURSES*

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### **3308 WORLD LANGUAGE BEGINNING SPANISH I**

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

Introduces students to the Spanish language. This is the first semester of academic transfer Spanish. This course is an introductory course intended for students with little or no knowledge of the language. Its aim is to present essential vocabulary and grammar, and to develop the pronunciation, listening, reading, and writing skills necessary for basic communication and comprehension. Customs and cultural insights are also presented. This course is cross-listed as SPAN 1311, which is also used in Study Abroad programs. Students may register for either SPAN 1311 or SPAN 1411 but may receive credit for only one of the two. Brookhaven Course #1411

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### **3810 WORLD LANGUAGE BEGINNING SPANISH II**

GRADE PLACEMENT: 9-12  
PREREQUISITE: SPAN 1411 OR EQUIVALENT, OR SPANISH 1300 AND SPANISH 1311, OR DEMONSTRATED COMPETENCE  
APPROVED BY INSTRUCTOR  
CREDIT: 1 UNIT

Continuation of oral practice, reading, writing, grammar and cultural studies begun in Spanish 1411. This is the second semester of academic transfer Spanish. Students are expected to acquire a substantial amount of vocabulary and begin to deal with idiomatic language and more advanced syntax. This course is cross-listed as SPAN 1312, which is used *only* in Study Abroad programs. Students may register for either SPAN 1312 or SPAN 1412 but may receive credit for only one of the two. Brookhaven Course #1412

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### **3820 WORLD LANGUAGE SPANISH III INTERMEDIATE SPANISH I AND INTERMEDIATE SPANISH II**

GRADE PLACEMENT: 10-12  
PREREQUISITE: SPANISH 1412 OR EQUIVALENT  
CREDIT: 1 UNIT

Enables students to further develop overall language proficiency and cultural knowledge through more advanced reading, listening, speaking and writing exercises. This is the third semester of academic transfer Spanish. Grammatical concepts are reviewed and expanded. Brookhaven course #2311

Stresses reading, composition, grammatical complexities, and intense oral practice, with continued studies of the culture. This is the fourth semester of academic transfer Spanish and a continuation of SPAN 2311. Brookhaven course #2312

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### **3823 WORLD LANGUAGE INTRODUCTION TO SPANISH LITERATURE**

GRADE PLACEMENT: 12  
PREREQUISITE: SPANISH 2312 OR THE EQUIVALENT  
CREDIT: 1 UNIT

Includes readings in Spanish literature, history, culture, art, and civilization. Brookhaven course #2322

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# WORLD LANGUAGES

## CHINESE

### 3901 WORLD LANGUAGE LEVEL I – CHINESE (MANDARIN)

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

### 3902 WORLD LANGUAGE LEVEL II – CHINESE (MANDARIN)

GRADE PLACEMENT: 10-12  
PREREQUISITE: 3901 OR TEACHER RECOMMENDATION  
CREDIT: 1 UNIT

### 3903 PRE AP WORLD LANGUAGE LEVEL III – CHINESE (MANDARIN)

GRADE PLACEMENT: 11-12  
PREREQUISITE: 3902 OR TEACHER RECOMMENDATION  
CREDIT: 1 UNIT

Provides students with experiences in comprehending, speaking, reading, and writing in the Chinese language. The student will also acquire information about the customs and culture of China.

*\*Newman Smith High School Only*

### 3904 WORLD LANGUAGE LEVEL IV – AP CHINESE (MANDARIN)

GRADE PLACEMENT: 11-12  
PREREQUISITE: 3903 OR FLUENCY IN CHINESE  
CREDIT: 1 UNIT

Increases the amount of reading and writing and refines the usage of grammar, sentence structure, and vocabulary of the Chinese language. Discussion level conversations and high level listening skills will prepare the student for the advanced placement examination.

## KOREAN

### 3740 WORLD LANGUAGE LEVEL 1- KOREAN

GRADE PLACEMENT: 9-12  
PREREQUISITE: NONE  
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 insight into and an introduction to Korean culture.

*\*Newman Smith High School only.*

# PHYSICAL EDUCATION/ATHLETICS/HEALTH

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One credit of P.E. is required to graduate and a maximum of four (4) credits in P.E. are permitted towards meeting the state graduation requirements. A P.E. course may not be taken twice.

## **5594 AEROBIC ACTIVITIES/DANCE**

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

Explores various forms of low impact aerobics, high impact aerobics, and modern and traditional dance. Aerobic movements involve large muscle groups used in continuous rhythmic activities. Emphasis will be placed on activities that will promote healthy behaviors and an enjoyment of life-long physical activity.

This course may not be repeated for credit.

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## **5597 INDIVIDUAL OR TEAM SPORTS (WEIGHTLIFTING)**

GRADE PLACEMENT: 10-12  
PREREQUISITE: APPROVAL FROM POWERLIFTING/WEIGHTLIFTING COACH ONLY  
CREDIT: 1 UNIT

Provides students with the opportunity to gain insight into power lifting, and weightlifting.

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## **5600 FOUNDATIONS OF PERSONAL FITNESS**

GRADE PLACEMENT: 9-10  
PREREQUISITE: NONE  
CREDIT: 1 UNIT

Analyzes the components of physical fitness and the relationship between physical fitness activities and stress. They will examine nutritional practices as related to their health and how to be a wise consumer as it relates to physical fitness equipment. The course includes a conditioning program based on an understanding of the physiological factors and changes involved in various exercises that incorporate muscular endurance, flexibility, and cardiovascular or cardio respiratory endurance. This course may not be repeated for credit.

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## **5601 INDIVIDUAL OR TEAM SPORTS**

GRADE PLACEMENT: 9-12  
PREREQUISITE: NONE  
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.

This course may not be repeated for credit.

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## **5604 ADVENTURES/OUTDOOR EDUCATION**

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

Develops competency in outdoor education activities that provide opportunities for enjoyment and challenge, ensuring fitness throughout the lifespan. Outdoor education will include such curriculum as: trip planning, orienteering and wilderness survival skills, archery, first aid, conservation and environmental issues, outdoor cooking and camping, hunter and water safety, fishing and tackle crafts. Students will further engage in various outdoor life time fitness activities and games.

This course may not be repeated for credit.

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## **5610 ADAPTED PE**

GRADE PLACEMENT: 9-12  
PREREQUISITE: TEACHER OR COUNSELOR APPROVAL  
CREDIT: 1 UNIT

Provides physical activity to meet the needs of students who have a physical problem or disability.

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# PHYSICAL EDUCATION/ATHLETICS/HEALTH

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## **5611 NON DISTRICT PROGRAM PE SUBSTITUTION 1**

GRADE PLACEMENT: 9-12  
PREREQUISITE: APPLICATION APPROVAL  
CREDIT: 1/2 UNIT

## **5612 NON DISTRICT PROGRAM PE SUBSTITUTION 2**

GRADE PLACEMENT: 9-12  
PREREQUISITE: APPLICATION APPROVAL  
CREDIT: 1/2 UNIT

## **5613 NON DISTRICT PROGRAM PE SUBSTITUTION 3**

GRADE PLACEMENT: 9-12  
PREREQUISITE: APPLICATION APPROVAL  
CREDIT: 1/2 UNIT

## **5614 NON DISTRICT PROGRAM PE SUBSTITUTION 4**

GRADE PLACEMENT: 9-12  
PREREQUISITE: APPLICATION APPROVAL  
CREDIT: 1/2 UNIT

Offers a cooperative arrangement between the district, the student, and an approved off-campus agency selected by the student who indicates a serious intent to obtain a high degree of proficiency in an activity not offered comprehensively through the physical education or athletic departments. Participation under professional supervision Category I Olympic Level requires a minimum fifteen hours per week, Category II Private or Commercially Sponsored requires a minimum of five hours per week, and a payment of \$125 semester fee is required.

Up to four credits can be awarded as PE substitution.

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## **5616 AEROBIC ACTIVITIES (PEP SQUAD)**

GRADE PLACEMENT: 9-10  
PREREQUISITE: NONE  
CREDIT: 1 PE UNIT

Introduces basic drill team skills including kicks, splits, dances, routines, and team-building activities. Tryout procedures and requirements will be addressed. Uniform purchase and commitments outside of the school day may be required.

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## **5621 CHEERLEADING I (PE SUBSTITUTION)**

GRADE PLACEMENT: 9  
PREREQUISITE: TRYOUTS ONLY\*  
CREDIT: 1 UNIT

## **5622 CHEERLEADING II (AEROBIC DANCE)**

GRADE PLACEMENT: 10  
PREREQUISITE: TRYOUTS ONLY\*  
CREDIT: 1 UNIT

## **5623 CHEERLEADING III**

GRADE PLACEMENT: 11  
PREREQUISITE: TRYOUTS ONLY\*  
CREDIT: 1 UNIT (LOCAL)

## **5624 CHEERLEADING IV**

GRADE PLACEMENT: 12  
PREREQUISITE: TRYOUTS ONLY\*  
CREDIT: 1 UNIT (LOCAL)

Provides students the opportunity to perform in numerous arenas including pep rallies, football-basketball-soccer games, wrestling matches, parades, competitions, spring show, and summer camp. Cheers, chants, jumps, pyramids, tumbling and conditioning will be performed. Opportunities to build school spirit, develop individual technique, and teamwork skills will be provided. **UNIFORM DEPOSIT AND ASSOCIATED COST IS REQUIRED.**

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# ATHLETICS

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Credits earned in Athletics count as “P.E. Equivalent” credits. One credit of P.E. is required to graduate and a maximum of four (4) credits of Athletics are permitted towards meeting the state graduation requirements.

The following courses are offered as a competitive athletics and/or off-season athletic/physical education courses and are governed by the rules and regulations of the University Interscholastic League.

## GRADE PLACEMENT 9-12:

5805	Football 1	5831	B-Soccer 2	5857	Baseball 3
5806	Football 2	5832	B-Soccer 3	5858	Baseball 4
5807	Football 3	5833	B-Soccer4	5860	Softball 1
5808	Football 4	5835	G-Soccer 1	5861	Softball 2
5810	B-Basketball 1	5836	G-Soccer 2	5862	Softball 3
5811	B-Basketball 2	5837	G-Soccer 3	5863	Softball 4
5812	B-Basketball 3	5838	G-Soccer 4	5865	G-Basketball 1
5813	B-Basketball 4	5840	Tennis 1	5866	G-Basketball 2
5815	Wrestling 1	5841	Tennis 2	5867	G-Basketball 3
5816	Wrestling 2	5842	Tennis 3	5868	G-Basketball 4
5817	Wrestling 3	5843	Tennis 4	5875	G-Track 1
5818	Wrestling 4	5845	Golf 1	5876	G-Track 2
5820	Cross Country 1	5846	Golf 2	5877	G-Track 3
5821	Cross Country 2	5847	Golf 3	5878	G-Track 4
5822	Cross Country 3	5848	Golf 4	5880	Volleyball 1
5823	Cross Country 4	5850	Swim/Dive 1	5881	Volleyball 2
5825	B-Track 1	5851	Swim/Dive 2	5882	Volleyball 3
5826	B-Track 2	5852	Swim/Dive 3	5883	Volleyball 4
5827	B-Track 3	5853	Swim/Dive4		
5828	B-Track 4	5855	Baseball 1		
5830	B-Soccer 1	5856	Baseball 2		

# PHYSICAL EDUCATION/ATHLETICS/HEALTH

## MILITARY SCIENCE

### 5895 RESERVE OFFICERS TRAINING CORPS

GRADE: 9-12  
CREDIT: 1 UNIT (ELECTIVE)

Introduces students to the importance of good citizenship, promotes patriotism, develops informed and responsible citizens, promotes habits of orderliness precision and develops a high degree of personal honor, self-reliance, self-discipline, and leadership. This course is also designed to provide incentives to live a healthy and drug free lifestyle through physical fitness as well as promote high school completion while developing a respect for and understanding of the need for a constituted authority in a democratic society.

*RLT campus only.*

### 5896 RESERVE OFFICERS TRAINING CORPS II

GRADE: 10-12  
PREREQUISITE: JROTC I AND INSTRUCTOR APPROVAL  
CREDIT: 1 UNIT (ELECTIVE)

### 5897 RESERVE OFFICERS TRAINING CORPS III

GRADE: 11-12  
PREREQUISITE: JROTC I & II AND INSTRUCTOR APPROVAL  
CREDIT: 1 UNIT (ELECTIVE)

### 5898 RESERVE OFFICERS TRAINING CORPS IV

GRADE: 11-12  
PREREQUISITE: JROTC I, II & III AND INSTRUCTOR APPROVAL  
CREDIT: 1 UNIT (ELECTIVE)

Continues to develop leadership and maritime related skills. Extensively looks at meteorology, navigation, world affairs and survival training. Extra-curricular activities include marksmanship programs, exhibition marching drill teams, ceremonial color guard and other sports and social events. Most expenses associated with activities and field trips are taken care of by the Navy, the school, or NJROTC fund-raising activities.

*RLT campus only*

### 5899 JROTC

GRADE: 9-12  
PREREQUISITE: INSTRUCTOR APPROVAL; CONCURRENT ENROLLMENT IN ROTC I, II, III, IV  
CREDIT: 1 UNIT

Develops basic and advanced knowledge and marksmanship skills for students who compete in local/regional JROTC rifle competitions.

*RLT campus only.*

### 5910 HEALTH

GRADE PLACEMENT: 9-12  
PREREQUISITE: NONE  
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, STD's, alcohol, tobacco and drugs.

### 9250 APPLIED HEALTH

GRADE PLACEMENT: 9-12  
CREDIT: 1/2 UNIT

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

# PHYSICAL EDUCATION/ATHLETICS/HEALTH

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## **9251 APPLIED HEALTH PLUS**

GRADE PLACEMENT: 10-12+  
CREDIT: 1/2 UNIT

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.

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## **9150 DEVELOPMENTAL HEALTH**

CREDIT: 1/2 UNIT  
03810100

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

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# TECHNOLOGY APPLICATION

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## **1451 IB COMPUTER SCIENCE I**

GRADE PLACEMENT: 11

PREREQUISITE: COMPUTER SCIENCE I OR II AND/OR IB DIPLOMA PROGRAMME ADMISSION

CREDIT: 1 UNIT

Develops student understanding of data types, searching and sorting methods, and standard algorithms. Research projects are required. IB Computer Science 1 may fulfill one of the three required Standard Level components (for Arts and Electives) for the IB Diploma Candidate, provided that IB Computer Science 2 is taken the following year. All students participating in the course will be required to complete all IB assessments associated with this class. Students may choose to test for Advanced Placement credit.

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## **1452 IB COMPUTER SCIENCE II**

GRADE PLACEMENT: 12

PREREQUISITE: IB COMPUTER SCIENCE I AND/OR IB DIPLOMA PROGRAMME ADMISSION

CREDIT: 1 UNIT

Continues to develop student understanding of data types, searching and sorting methods, and standard algorithms. IB Computer Science 2 may fulfill one of the three required Standard Level components (for Arts and Electives) for the IB Diploma Candidate, provided that the student earned credit in IB Computer Science 1 the previous year. All students participating in the course will be required to complete all IB assessments associated with this class. Students may choose to test for Advanced Placement credit.

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*IB Diploma Programme at RHS campus only*

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## **4008 TECHNOLOGY APPLICATIONS INDEPENDENT STUDY (FIRST YEAR)**

GRADE PLACEMENT: 11-12

PREREQUISITE: COMPUTER SCIENCE II OR AP COMPUTER SCIENCE II AND COMPUTER SCIENCE TEACHER RECOMMENDATION

CREDIT: 1 UNIT

## **4009 TECHNOLOGY APPLICATIONS INDEPENDENT STUDY (SECOND YEAR)**

Provides training in programming methodologies like object-oriented, artificial intelligence and web site development. The course will contain elements of independent study and teacher directed instruction through the use of projects.

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## **4010 TECHNOLOGY LAB MANAGEMENT**

GRADE PLACEMENT: 11-12

PREREQUISITE: COURSE #8800 AND TEACHER ADVISEMENT

CREDIT: 1/2 UNIT (LOCAL)

Allows a student to assist a teacher(s) in setting up and carrying out lab activities, keeping equipment in order and performing other laboratory management duties as assigned by the teacher(s). For grading purposes, the student will demonstrate knowledge about responsibilities of the course and will perform duties in a consistent and responsible manner. The course can be repeated for a maximum of one credit.

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*RLT Academy of Media and Technology.*

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## **4012 COMPUTER LAB MANAGEMENT**

GRADE PLACEMENT: 11-12

PREREQUISITE: TWO YEARS OF TECHNOLOGY CLASSES OR TEACHER RECOMMENDATION

CREDIT: 1/2 UNIT (LOCAL)

Allows a student to assist a teacher(s) in setting up and carrying out lab activities, keeping equipment in order and performing other laboratory management duties as assigned by the teacher(s). For grading purposes, the student will demonstrate knowledge about responsibilities of the course and will perform duties in a consistent and responsible manner. The course can be repeated for a maximum of one credit.

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# TECHNOLOGY APPLICATION

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## **8570 DESKTOP PUBLISHING**

GRADE PLACEMENT: 11-12  
CREDIT: 1 UNIT

Uses technology to produce publications including, but not limited to, use of the Internet for research and publication of stories on-line, the use of computer equipment to sell, produce and bill advertising, the use of computer equipment for newspaper/yearbook production, exploration in the use of digital camera equipment, and other activities necessary to meet credit requirements. Students will become experienced in the use of various software.

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## **8401 COMPUTER SCIENCE I**

GRADE PLACEMENT: 9-12  
PREREQUISITE: CONCURRENT ALGEBRA I  
CREDIT: 1 UNIT

Provides beginning skills and concepts associated with programming methodology, programming languages, data types, data structures, algorithms and applications of computing. JAVA is the programming language used to teach the concepts.

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## **8402 COMPUTER SCIENCE II**

GRADE PLACEMENT: 10-12  
PREREQUISITE: COMPUTER SCIENCE I  
CREDIT: 1 UNIT

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.

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## **4005 AP COMPUTER SCIENCE A**

GRADE PLACEMENT: 10-12  
PREREQUISITE: COMPUTER SCIENCE I OR TEACHER RECOMMENDATION  
CREDIT: 1 UNIT

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

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## **4006 AP COMPUTER SCIENCE PRINCIPLES**

GRADE PLACEMENT: 10-12  
PREREQUISITE: COMPUTER SCIENCE I OR TEACHER RECOMMENDATION  
CREDIT: 1 UNIT

AP Computer Science Principles 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. AP Computer Science Principles prepares students for college and career.

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# ADDITIONAL ELECTIVES

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## **9702 SENIOR EXHIBITION INDEPENDENT STUDY SPEECH**

GRADE PLACEMENT: 12  
PREREQUISITE: TEACHER RECOMMENDATION  
CREDIT: 1/2 UNIT

Allows students to create portfolios to display what they have learned in the core areas during their high school career. A display of learning from the various electives will also be included. Additionally, the course will include a career strand which would enable seniors to investigate a career of the students choosing. Students will also observe and interview a professional in the field. The summative exhibition will be presented before a panel including teachers, administrators, parents and members of the community.

## **9340 CAREER CONNECTIONS I**

GRADE PLACEMENT: 9-12  
CREDIT: 1 UNIT

Develops proficiency in decision making and problem solving which is an essential skill for career planning and lifelong learning. Students use self-knowledge, education and career information to make choices in order to set their own goals and self-manage their lives. Adapted to meet the needs outlined in student's IEP.

## **9339 CAREER CONNECTIONS II**

GRADE PLACEMENT: 9-12  
CREDIT: 1 UNIT

Continue to develop proficiency in decision making and problem solving which is an essential skill for career planning and lifelong learning. Students use self-knowledge, education, and career information to make choices in order to set their own goals and self-manage their lives. Adapted to meet the needs outlined in the students IEP.

## **1652 SAT/ACT PREP**

GRADE PLACEMENT: 10-11  
PREREQUISITE: COMPLETION OR CONCURRENT ENROLLMENT IN ALGEBRA II  
CREDIT: 1/2 UNIT (LOCAL)

Focuses on specific test-taking strategies, many of which are applicable to other standardized tests and disciplines. Intensive practice and varied activities will be provided to meet individual needs. Students will receive the immediate feedback necessary for consistent improvement. Current research shows that such a course will increase student success.

## **7320 COMMUNITY SERVICE**

GRADE PLACEMENT: 12  
PREREQUISITE: TEACHER RECOMMENDATION  
CREDIT: 1/2 UNIT (LOCAL)

Enables students to contribute hours of community service for high school elective credit. This opportunity will allow students to experience the positive benefits of volunteering and educate them regarding community resources. Concurrently, a sense of community pride will be generated as the school and community work together for the benefit of both.

*NOTE: CFBISD DOES NOT PROVIDE TRANSPORTATION FOR STUDENTS PARTICIPATING IN THE COMMUNITY SERVICE CLASS. STUDENTS ARE EXPECTED TO PROVIDE THEIR OWN TRANSPORTATION TO OFF CAMPUS COMMUNITY SERVICE SITES TO PARTICIPATE IN THIS CLASS.*

## **9143 VOCATIONAL EXPERIENCE I**

GRADE PLACEMENT: 10-12+  
CREDIT: 3 UNITS

Student will focus on individual responsibility on the job sites in the community with direct supervision by a certified teacher. Adapted to meet the needs outlined in student's IEP.

# ADDITIONAL ELECTIVES

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## **9144 VOCATIONAL EXPERIENCE II**

GRADE PLACEMENT: 11-12+  
CREDIT: 3 UNITS

Student will focus on individual responsibility on the job and will continue at local job sites with direct supervision by a certified teacher. Adapted to meet the needs outlined in student's IEP.

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## **9343 OJT I**

GRADE PLACEMENT: 11-12  
CREDIT: UNITS (1-3) (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.

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## **9344 OJT II**

GRADE PLACEMENT: 11-12  
CREDIT: UNITS (1-3) (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.

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## **9241 APPLIED OCCUPATIONAL PREP I**

GRADE PLACEMENT: 9  
CREDIT: 1 UNIT  
84900241

Student will focus on employability skills and job searches including the exploration of a variety of jobs and activities related to the job. Adapted to meet the needs outlined in student's IEP.

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## **9242 APPLIED OCCUPATIONAL PREP II**

GRADE PLACEMENT: 10  
CREDIT: 1 UNIT

Student will focus on aptitude, interests and skills related to job searches including the application and interview processes. Adapted to meet the needs outlined in student's IEP.

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## **9243 APPLIED OCCUPATIONAL PREP III**

GRADE PLACEMENT: 11+  
CREDIT: 1 UNIT

Student will investigate services and resources to aid employment and help maintain a successful job experience. Adapted to meet the needs outlined in student's IEP.

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## **9244 APPLIED OCCUPATIONAL PREP PLUS**

GRADE PLACEMENT: 12+  
CREDIT: 1 UNIT

Student will continue to investigate services and resources to aid employment and help maintain a successful job experience. Adapted to meet the needs outlined in student's IEP.

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## **7200 PEER ASSISTANCE AND LEADERSHIP (SPARK - NSHS) (POINT - CHS) (WOLFPACK - RANCHVIEW)**

GRADE PLACEMENT: 11-12  
PREREQUISITE: TEACHER RECOMMENDATION  
CREDIT: 1/2 UNIT (LOCAL)

Provides an alternative to the regular psychology elective. This course is activity based and stresses active listening, communication skills, group processes, and peer counseling. The course may not be repeated.

*NOTE:* CFBISD DOES NOT PROVIDE TRANSPORTATION FOR STUDENTS PARTICIPATING IN THE COMMUNITY SERVICE CLASS. STUDENTS ARE EXPECTED TO PROVIDE THEIR OWN TRANSPORTATION TO OFF CAMPUS COMMUNITY SERVICE SITES TO PARTICIPATE IN THIS CLASS.

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# ADDITIONAL ELECTIVES

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## **7208 PEER ASSISTANCE AND LEADERSHIP I (SPARK - NSHS) (POINT - CHS) (WOLFPACK -RANCHVIEW)**

GRADE PLACEMENT: 11-12  
PREREQUISITE: TEACHER RECOMMENDATION  
CREDIT: 1 UNIT (State Credit)

Provides an alternative to the regular psychology elective. This course is activity based and stresses active listening, communication skills, group processes, and peer counseling. The course may not be repeated. Teacher must have completed the PALs training to offer as state elective credit; find training info at <http://palusa.org>

*NOTE: CFBISD DOES NOT PROVIDE TRANSPORTATION FOR STUDENTS PARTICIPATING IN THE COMMUNITY SERVICE CLASS. STUDENTS ARE EXPECTED TO PROVIDE THEIR OWN TRANSPORTATION TO OFF CAMPUS COMMUNITY SERVICE SITES TO PARTICIPATE IN THIS CLASS.*

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## **7209 PEER ASSISTANCE AND LEADERSHIP II (SPARK - NSHS)(POINT - CHS) (WOLFPACK -RANCHVIEW)**

GRADE PLACEMENT: 11-12  
PREREQUISITE: TEACHER RECOMMENDATION  
CREDIT: 1 UNIT (State Credit)

Provides an alternative to the regular psychology elective. This course is activity based and stresses active listening, communication skills, group processes, and peer counseling. The course may not be repeated. Teacher must have completed the PALs training to offer as state elective credit; find training info at <http://palusa.org>.

*NOTE: CFBISD DOES NOT PROVIDE TRANSPORTATION FOR STUDENTS PARTICIPATING IN THE COMMUNITY SERVICE CLASS. STUDENTS ARE EXPECTED TO PROVIDE THEIR OWN TRANSPORTATION TO OFF CAMPUS COMMUNITY SERVICE SITES TO PARTICIPATE IN THIS CLASS.*

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## **9800 STUDENT AIDE**

GRADE PLACEMENT: 12  
PREREQUISITE: TEACHER RECOMMENDATION  
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

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## **2745 COLOR GUARD 1**

GRADE PLACEMENT: 9  
PREREQUISITE: TRYOUT  
CREDIT: 1 UNIT (LOCAL)

## **2790 COLOR GUARD 2**

GRADE PLACEMENT: 10  
PREREQUISITE: TRYOUT  
CREDIT: 1 UNIT (LOCAL)

## **2799 COLOR GUARD 3**

GRADE PLACEMENT: 11  
PREREQUISITE: TRYOUT  
CREDIT: 1 UNIT (LOCAL)

## **2755 COLOR GUARD 4**

GRADE PLACEMENT: 12  
PREREQUISITE: TRYOUT  
CREDIT: 1 UNIT (LOCAL)

Membership in the Color Guard is open to all students in 9<sup>th</sup> through 12<sup>th</sup> grade through auditions held each spring. This group is a vital part of the band presentations through the use of extensive choreography, flags, and props. Members must be in high academic standing and display a strong sense of physical and mental coordination. The Color Guard performs at all functions with the Band. In addition, the group performs at various NTCA and WGI winter guard competitions each spring throughout the area and state. These courses are not eligible for fine arts or PE credit. **THERE IS A FEE WITH THIS ACTIVITY.**

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# ADDITIONAL ELECTIVES

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## **9701 PEER ASSISTANCE AND LEADERSHIP**

GRADE PLACEMENT: 9-12  
PREREQUISITE: NONE  
CREDIT: 1 UNIT (LOCAL)

Provides an opportunity to study, practice and develop group, individual leadership and organizational skills. Students will develop decision-making skills, problem-solving techniques and explore leadership roles, communications skills and human relations skills. Students will understand the need for civic responsibility.

(Student council officers and peer mediators are encouraged to take this course.)

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## **9706 STUDENT LEADERSHIP**

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

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 Senior Exec.

*\*CHS and Newman Smith*

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## **9700 ACADEMIC DECATHLON**

GRADE PLACEMENT: 9-12  
PREREQUISITE: NONE  
CREDIT: 1 UNIT (LOCAL)

This course covers ten events/subjects; literature involves two novels, ten poems, and an essay. Students present a four minute speech and a three minute impromptu speech. Students learn how to interview and be interviewed. The contest also studies four cultures, economics, mathematics, art, music, and science. The team consists of three students whose GPA is above 3.6, three students whose GPA is between 2.0 and 3.6, and three students whose GPA is below 2.9, but passing. The subject matter is studied first semester and the competition takes place in late January.

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## **7991 AVID 1**

GRADE PLACEMENT: 9  
PREREQUISITE: NONE  
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.

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## **7992 AVID 2**

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.

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# ADDITIONAL ELECTIVES

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## **7993 AVID 3**

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.

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## **7994 AVID 4**

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.

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## **9252 APPLIED RECREATION AND LEISURE I**

GRADE PLACEMENT: 9+  
CREDIT: 1 UNIT

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.

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## **9152 DEVELOPMENTAL RECREATION AND LEISURE I**

GRADE PLACEMENT: 9+  
CREDIT: 1 UNIT

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.

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*RLT campus only*

## **9253 APPLIED RECREATION AND LEISURE II**

GRADE PLACEMENT: 10+  
CREDIT: 1 UNIT

Student will focus on daily living experiences with an emphasis on independent living skills and life choices. Adapted to meet the needs outlined in student's IEP.

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## **9153 DEVELOPMENTAL RECREATION AND LEISURE II**

GRADE PLACEMENT: 10+  
CREDIT: 1 UNIT

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

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*RLT campus only*

## **9154 DEVELOPMENTAL RECREATION AND LEISURE PLUS**

GRADE PLACEMENT: 11+  
CREDIT: 1 UNIT

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

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*RLT campus only*

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# ADDITIONAL ELECTIVES

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## **9261 APPLIED ART I**

GRADE PLACEMENT: 9+  
CREDIT: 1 UNIT

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

## **9161 DEVELOPMENTAL ART I**

GRADE PLACEMENT: 9+  
CREDIT: 1 UNIT

Student will explore life around her/her through a multi-sensory approach. The student will increase gross and fine motor skills by being exposed to various art, music, and culinary activities. Adapted to meet the needs outlined in the student's IEP.

*RLT campus only*

## **9262 APPLIED FINE ARTS**

GRADE PLACEMENT: 9+  
CREDIT: 1 UNIT

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

## **9162 DEVELOPMENTAL FINE ARTS**

CREDIT: 1 UNIT

Student will continue explore life around her/her through a multi-sensory approach. The student will continue increase gross and fine motor skills by being exposed to various art, music, and culinary activities. Adapted to meet the needs outlined in the student's IEP.

*RLT campus only*

## **9672 MOVING ON UP**

GRADE PLACEMENT: 12+  
CREDIT: 7 UNITS  
PREREQUISITE: PLACEMENT BY ARD COMMITTEE, WITH ALL HIGH SCHOOL GRADUATION REQUIREMENTS HAVING BEEN MET.

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**

GRADE PLACEMENT: POST 12  
CREDIT: VARIES

Designed for students ages 18-21, who will benefit from daily living and vocational training experiences. The FS Workshop will prepare students to be as independent as possible in post-secondary environments. Students will learn to access the community safely and effectively with supervision. Adapted to meet the needs outlined in the student's IEP.

## **1472 IB THEORY OF KNOWLEDGE**

GRADE PLACEMENT: 11-12  
PREREQUISITE: IB DIPLOMA PROGRAMME ADMISSION  
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.



# ADDITIONAL ELECTIVES

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## **5901 SPORTS MEDICINE I**

GRADE PLACEMENT: 9-12  
PREREQUISITE: NONE  
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.*

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## **5902 SPORTS MEDICINE II**

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.

*\*For Creekview: This class focuses on Mechanism of Injury, Tissue Response to Injury, and lower body anatomy and injury recognition. At the end of the year students will have the opportunity to complete requirements needed to earn your Varsity Letterman.*

*This course is not a PE equivalent course.*

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## **5903 SPORTS MEDICINE III**

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.*

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## **9341 ESSENTIALS OF BIM I**

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 successful transition to the workforce and post-secondary education. Students will apply technical skills through word processing, spreadsheet, database, and electronic presentation software. Modified to meet the needs outlined in student's IEP.

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## **9245 APPLIED BIM I**

GRADE PLACEMENT: 9+  
CREDIT: 1 UNIT

Prepares students with knowledge to apply basic technology skills to strengthen individual performance in the classroom, workplace, and society. Students will be introduced to basic word processing, spreadsheets, and data entry. Students will utilize educational technology to foster independence. Adapted to meet the needs outlined in the student's IEP. Satisfies technology credit for graduation.

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# ADDITIONAL ELECTIVES

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## **9345 DEVELOPMENTAL BIM I**

GRADE PLACEMENT: 9+  
CREDIT: 1 UNIT

Students apply basic technology skills to strengthen individual performance in the classroom, and utilize educational technology to foster independence. Adapted to meet the needs outlined in the student's IEP. Satisfies technology credit for graduation.  
*RLT campus only.*

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## **9342 FUNDAMENTALS OF BIM II**

GRADE PLACEMENT: 10-12  
CREDIT: 1 UNIT

Students implement personal and interpersonal skills to strengthen individual performance in the workplace and post-secondary education. Students will apply complex technical skills through word processing and spreadsheet, and developing electronic presentations using multimedia software. Modified to meet the needs outlined in student's IEP.

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## **9254 APPLIED PRINCIPLES OF HUMAN SERVICES**

GRADE PLACEMENT: 9-12  
CREDIT: 1 UNIT

Enables students to investigate careers in the human services career cluster, including early childhood development, family and community, and personal care services. Students will learn to apply skills to foster their own independence. Adapted to meet the needs outlined in the student's IEP.

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## **9255 APPLIED PRINCIPLES OF HUMAN SERVICES PLUS**

GRADE PLACEMENT: 10-12+  
CREDIT: 1 UNIT

Students will continue to investigate careers in the human services career cluster, including early childhood development, family and community, and personal care services. Students will continue applying skills to foster their own independence. Adapted to meet the needs outlined in the student's IEP.

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## **9265 APPLIED NUTRITION AND FOOD SCIENCE**

GRADE PLACEMENT: 10-12+  
CREDIT: 1/2 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, human services, and health sciences. Practical activities will focus on the integration of nutrition and wellness knowledge with basic food preparation skills. Based on an alternate version of the TEKS. Adapted to meet the needs outlined in the student's IEP.

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## **9266 APPLIED FOOD SCIENCE PLUS**

GRADE PLACEMENT: 10-12  
PREREQUISITE: DETERMINED BY ARD  
CREDIT: 1/2 UNIT

Students will continue to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness as well as pursue careers related to hospitality, human services, and health sciences. Practical activities will focus on the integration of nutrition and wellness knowledge with basic food preparation skills. Based on an alternate version of the TEKS. Adapted to meet the needs outlined in the student's IEP.

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## **9415 FUNDAMENTALS OF DOLLARS AND SENSE**

GRADE PLACEMENT: 12  
CREDIT: 1 UNIT

Develops job-related math skills for everyday living. Continues to include bookkeeping, record keeping, budgeting, taxes, installment buying, expenses related to income, and basic arithmetic as required for job and banking procedures. Modified to meet the needs outlined in student's IEP. Satisfies math credit for modified graduation.

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# CAREER AND TECHNICAL EDUCATION

## AGRICULTURE, FOOD AND NATURAL RESOURCES

### 8217 PRINCIPLES OF AGRICULTURE, FOOD & NATURAL RESOURCES

GRADE PLACEMENT: 9-12  
PREREQUISITE: NONE  
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. This course may count as Communications (Speech) credit.

### 8220 SMALL ANIMAL MANAGEMENT

GRADE PLACEMENT: 9-12  
PREREQUISITE: PRINCIPLES OF AGRICULTURE, FOOD AND NATURAL RESOURCES  
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.

### 8219 WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT

GRADE PLACEMENT: 9-12  
PREREQUISITE: NONE  
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.

### 8218 LIVESTOCK PRODUCTION

GRADE PLACEMENT: 10-12  
PREREQUISITE: PRINCIPLES OF AGRICULTURE, FOOD AND NATURAL RESOURCES  
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. This course is recommended for those that have an interest in the Animal Industry.

### 8221 EQUINE SCIENCE

GRADE PLACEMENT: 10-12  
PREREQUISITE: PRINCIPLES OF AGRICULTURE, FOOD AND NATURAL RESOURCES  
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.

### 8223 ADVANCED ANIMAL SCIENCE

GRADE PLACEMENT: 12  
PREREQUISITE: BIOLOGY, GEOMETRY, IPC OR CHEMISTRY ALGEBRA I, AND EITHER EQUINE SCIENCE, SMALL ANIMAL MANAGEMENT OR LIVESTOCK PRODUCTION  
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 4<sup>th</sup> science credit.

### 8222 VETERINARY MEDICAL APPLICATIONS (VET MED ASST. I)

GRADE PLACEMENT: 11-12  
PREREQUISITE: PRINCIPLES OF AGRICULTURE, FOOD AND NATURAL RESOURCES, BIOLOGY OR CHEMISTRY, AND EITHER EQUINE SCIENCE, SMALL ANIMAL MANAGEMENT OR LIVESTOCK PRODUCTION  
CREDIT: 1 UNIT

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.

# CAREER AND TECHNICAL EDUCATION

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## **8225 PRACTICUM IN AGRICULTURE, FOOD & NATURAL RESOURCES (VET MED ASST. II)**

GRADE PLACEMENT: 12

PREREQUISITE: VETERINARY MEDICAL APPLICATIONS AND PRINCIPLES OF AGRICULTURE, FOOD AND NATURAL RESOURCES

CREDIT: 2 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. This course is for those individuals that have completed Veterinary Medical Application and their state Veterinary Assistant Level I Certification. Students enrolled in this course are eligible to take the State Certification for Veterinary Assistant Level I.

## **8225E EXTENDED PRACTICUM IN AGRICULTURE, FOOD AND NATURAL RESOURCES**

GRADE PLACEMENT: 12

PREREQUISITE: PRINCIPALS OF AGRICULTURE, FOOD AND NATURAL RESOURCES AND VETERINARY MEDICAL APPLICATIONS

CREDIT: 3 UNITS

## **8224 AGRICULTURAL MECHANICS & METAL TECHNOLOGIES**

GRADE PLACEMENT: 10-12

PREREQUISITE: PRINCIPLES OF AGRICULTURE, FOOD AND NATURAL RESOURCES

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.

# *ARCHITECTURE AND CONSTRUCTION*

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## **8242 PRINCIPLES OF CONSTRUCTION**

GRADE PLACEMENT: 9-12

PREREQUISITE: NONE

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.

## **8245 CONSTRUCTION TECHNOLOGY I**

GRADE PLACEMENT: 10-12

PREREQUISITE: PRINCIPLES OF CONSTRUCTION

CREDIT: 2 UNITS

Students will gain knowledge and skills related to various careers in the construction trade. Student acquire knowledge in areas such as; safety, measuring, laying-out, hand tools/power tools, and assembling. Students will participate in hands-on lab activities, such as; blueprint reading, framing, roofing, etc.

## **8246 CONSTRUCTION TECHNOLOGY II**

GRADE PLACEMENT: 11-12

PREREQUISITE: CONSTRUCTION TECHNOLOGY I

CREDIT: 2 UNITS

Students will gain advanced knowledge and skills related to various careers in construction trades. Advanced students will be expected to demonstrate good safety practices, craftsmanship, and leadership abilities to the first year students. Advanced students will be expected to participate at a high level in hands-on lab activities related to the construction trades.

# CAREER AND TECHNICAL EDUCATION

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## **8241 PRINCIPLES OF ARCHITECTURE**

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

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

## **8243 ARCHITECTURAL DESIGN I**

GRADE PLACEMENT: 10-12  
PREREQUISITE: REQUIRED: ENGINEERING DESIGN; RECOMMENDED: ALGEBRA I, GEOMETRY  
CREDIT: 1 UNIT

In Architectural Design, students gain knowledge and skills specific to those needed to enter a career in architecture or prepare a foundation toward a postsecondary degree in architecture, construction science, drafting, interior design and landscape architecture. Architectural Design includes the design, design history, techniques, and tools related to the production of drawings, renderings and scale models for residential architectural purposes.

## **8244 INTERIOR DESIGN I**

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

Interior Design I is a technical course that addresses psychological, physiological and sociological needs of individuals by enhancing the environments in which they live and work. Students will use knowledge and skills related to interior and exterior environments, construction, and furnishings to make wise consumer decisions, increase productivity, promote sustainability, and prepare for careers in the Interior Design field.

## ***ARTS, A/V TECHNOLOGY AND COMMUNICATION***

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## **8291 PRINCIPLES OF ARTS, AUDIO/VIDEO TECHNOLOGY, AND COMMUNICATIONS**

GRADE PLACEMENT: 9-11  
PREREQUISITE:  
CREDIT: 1 UNIT

Introduces students to careers in the Arts, Audio/Video Technology, and Communications career cluster. Students should have a creative aptitude, background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.

## **8292 ANIMATION I**

GRADE PLACEMENT: 10-12  
PREREQUISITE: ART I OR GRAPHIC DESIGN ILLUSTRATION RECOMMENDED  
CREDIT: 1 UNIT

Careers in animation span all aspects of motion graphics. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an understanding of the history and techniques of the animation industry.

## **8292L ANIMATION LAB I**

GRADE PLACEMENT: 10-12  
PREREQUISITE: ART I OR GRAPHIC DESIGN ILLUSTRATION RECOMMENDED  
CREDIT: 2 UNITS

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# CAREER AND TECHNICAL EDUCATION

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## **8297 COMMERCIAL PHOTOGRAPHY I**

GRADE PLACEMENT: 10-12  
PREREQUISITE:  
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. Students have the option to pursue a professional level certification.

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## **8297L COMMERCIAL PHOTOGRAPHY LAB I**

GRADE PLACEMENT: 10-12  
PREREQUISITE:  
CREDIT: 2 UNITS

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## **8298 COMMERCIAL PHOTOGRAPHY II**

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

Careers in commercial photography span all aspects of the industry from setting up a shot to delivering products in a competitive market. Students will develop an advanced technical understanding of the commercial photography industry with a focus on producing, promoting, and presenting professional quality photographs and pursuing a professional career in photography. Students will pursue a professional level certification in Advanced Photography Programs.

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## **8298L COMMERCIAL PHOTOGRAPHY LAB II**

GRADE PLACEMENT: 11-12  
PREREQUISITE:  
CREDIT: 2 UNITS

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## **8295 GRAPHIC DESIGN AND ILLUSTRATION I**

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

Careers in graphic design and illustration span all aspects of the advertising and visual communication industries. Within this context, in addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design.

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## **8295L GRAPHIC DESIGN AND ILLUSTRATION LAB I**

GRADE PLACEMENT: 9-12  
PREREQUISITE: NONE  
CREDIT: 2 UNITS

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## **8296 GRAPHIC DESIGN AND ILLUSTRATION II**

GRADE PLACEMENT: 10-12  
PREREQUISITE: GRAPHIC DESIGN AND ILLUSTRATION  
CREDIT: 1 UNIT

Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology and Communications career cluster, students will be expected to develop an advanced understanding of the industry with a focus on mastery of content knowledge and skills.

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# CAREER AND TECHNICAL EDUCATION

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## **8296L GRAPHIC DESIGN AND ILLUSTRATION LAB II**

GRADE PLACEMENT: 10-12  
PREREQUISITE: NONE  
CREDIT: 2 UNITS

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## **8299 FASHION DESIGN I**

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

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.

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## **8299L FASHION DESIGN LAB I**

GRADE PLACEMENT: 10-12  
PREREQUISITE: NONE  
CREDIT: 2 UNITS

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## **8293 AUDIO/VIDEO PRODUCTION I**

GRADE PLACEMENT: 10-12  
PREREQUISITE: PRINCIPLES OF ARTS, AUDIO/VIDEO TECHNOLOGY, AND COMMUNICATIONS  
CREDIT: 1 UNIT

Develop technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster. Students will be expected to develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video activities.

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## **8293L AUDIO/VIDEO PRODUCTION LAB I**

GRADE PLACEMENT: 10-12  
PREREQUISITE: PRINCIPLES OF ARTS, AUDIO/VIDEO TECHNOLOGY, AND COMMUNICATIONS  
CREDIT: 2 UNITS

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## **8294 PRACTICUM IN AUDIO/VIDEO PRODUCTION**

GRADE PLACEMENT: 12  
PREREQUISITE: AUDIO/VIDEO PRODUCTION OR DIGITAL INTERACTIVE MEDIA  
CREDIT: 2 UNITS

Develop advanced skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster. Students will be expected to develop an increasing understanding of the industry with a focus on applying pre-production, production, and post-production audio and video activities in a studio environment. This course may be implemented in an advanced audio, video, or animation format. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

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## **8294E EXTENDED PRACTICUM IN AUDIO/VIDEO PRODUCTION**

GRADE PLACEMENT: 12  
PREREQUISITE: AUDIO/VIDEO PRODUCTION OR DIGITAL INTERACTIVE MEDIA  
CREDIT: 3 UNITS

This course must be taken concurrently with Practicum in Audio/Video Production and may not be taken as a stand-alone course. Students shall be awarded one credit per successful completion of this course.

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# CAREER AND TECHNICAL EDUCATION

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## **8300 PROFESSIONAL COMMUNICATIONS**

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

Blends written, oral, and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Within this context, students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research.

This course may be used to satisfy Speech credit.

## **8290 VIDEO GAME DESIGN**

GRADE PLACEMENT: 9-12  
PREREQUISITE: PRINCIPLES OF ARTS, AUDIO/VIDEO TECHNOLOGY, AND COMMUNICATIONS  
CREDIT: 1 UNIT



Video game design will allow students to explore one of the largest industries in the global marketplace and the new emerging careers it provides in the field of technology. 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.

## ***BUSINESS, MANAGEMENT AND ADMINISTRATION***

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### **8262 PRINCIPLES OF BUSINESS, MARKETING AND FINANCE**

GRADE PLACEMENT: 9-11  
PREREQUISITE: NONE  
CREDIT: 1 UNIT

In Principles of Business, Marketing and Finance, 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. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in business, marketing and finance.

### **8263 BUSINESS INFORMATION MANAGEMENT I**

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

In Business Information Management I, 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.

### **8264 BUSINESS INFORMATION MANAGEMENT II**

GRADE PLACEMENT: 11-12  
PREREQUISITE: BUSINESS INFORMATION MANAGEMENT I  
CREDIT: 1 UNIT

Students implement personal and interpersonal skills to strengthen individual performance in the workplace and post-secondary education. Students will apply complex technical skills through word-processing and spreadsheet, and developing electronic presentations using multimedia software.

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# CAREER AND TECHNICAL EDUCATION

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## **8269 BUSINESS MANAGEMENT**

GRADE PLACEMENT: 10-12  
PREREQUISITE: NONE  
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.

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## **8266 GLOBAL BUSINESS**

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

Global Business is 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.

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## **8267 HUMAN RESOURCES MANAGEMENT**

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

Human Resources Management is designed to familiarize students with the concepts related to human resource management, including legal requirements, recruitment and employee selection methods, and employee development and evaluation. Students will also become familiar with compensation and benefits programs as well as workplace safety, employee-management relations, and global impacts on human resources.

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## **8268 VIRTUAL BUSINESS**

GRADE PLACEMENT: 11-12  
PREREQUISITE: BUSINESS INFORMATION MANAGEMENT I RECOMMENDED  
CREDIT: 1/2 UNIT

Students will be able to identify steps needed to locate customers, set fees and develop client contracts. Students will be able to provide administrative, creative, and technical services using advanced technological modes of communication and data delivery. The student builds a functional website that incorporates the essentials of a virtual business.

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## **8265D BUSINESS LAW**

GRADE PLACEMENT: 11-12  
PREREQUISITE: NONE  
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.

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## **8270 PRACTICUM IN BUSINESS MANAGEMENT**

(1ST TIME TAKEN)  
GRADE PLACEMENT: 11-12  
PREREQUISITE: 10 HOURS PER WEEK AT JOB SITE. COHERENT SEQUENCE OF CTE COURSES IN THE BUSINESS MANAGEMENT CAREER  
CREDIT: 2 UNITS

Practicum in Business Management is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences occur in a paid or unpaid arrangement and a variety of locations appropriate to the nature and level of experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. *A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.*

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# CAREER AND TECHNICAL EDUCATION

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## **8270E EXTENDED PRACTICUM IN BUSINESS MANAGEMENT**

(1ST TIME TAKEN)

GRADE PLACEMENT: 11-12

PREREQUISITE: 15 HOURS PER WEEK AT JOB SITE. COHERENT SEQUENCE OF CTE COURSES IN THE BUSINESS MANAGEMENT CAREER CLUSTER.

CREDIT: 3 UNITS

Extended Practicum in Business Management is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences occur in a paid or unpaid arrangement and a variety of locations appropriate to the nature and level of experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. 15 hours per week at job site.

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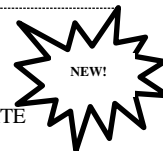
## **8271 EXTENDED PRACTICUM IN BUSINESS MANAGEMENT**

(2ND TIME TAKEN)

GRADE PLACEMENT: 12

PREREQUISITE: EXTENDED PRACTICUM IN BUSINESS MANAGEMENT, 15 HOURS PER WEEK AT JOB SITE & COHERENT SEQUENCE OF CTE COURSES IN THE BUSINESS MANAGEMENT CAREER CLUSTER.

CREDIT: 2 UNITS



A student may repeat course 8270 for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills. 15 hours per week at job site.

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## **8271E2 EXTENDED PRACTICUM IN BUSINESS MANAGEMENT**

(2ND TIME TAKEN)

GRADE PLACEMENT: 12

PREREQUISITE: EXTENDED PRACTICUM IN BUSINESS MANAGEMENT, 15 HOURS PER WEEK AT JOB SITE AND COHERENT SEQUENCE OF CTE COURSES IN THE BUSINESS MANAGEMENT CAREER CLUSTER

CREDIT: 3 UNITS



Extended Practicum in Business Management is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences occur in a paid or unpaid arrangement and a variety of locations appropriate to the nature and level of experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. A student may repeat course 8270E for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills. 15 hours per week at job site.

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## **8227 PROJECT-BASED RESEARCH**

GRADE PLACEMENT: 11-12

PREREQUISITE: NONE

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. To attain academic success, students must have opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

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## **8229 CAREER PREPARATION I**

GRADE PLACEMENT: 11-12

PREREQUISITE: EMPLOYED AT PAID JOB SITE

CREDIT: 2 UNITS

Career Preparation I provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success. 10 hours per week at paid job site

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# CAREER AND TECHNICAL EDUCATION

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## **8229E EXTENDED CAREER PREPARATION I**

GRADE PLACEMENT: 11-12  
PREREQUISITE: EMPLOYED AT PAID JOB SITE  
CREDIT: 3 UNIT

Extended Career Preparation I provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success. 15 hours per week at paid job site.

## **8230 CAREER PREPARATION II**

GRADE PLACEMENT: 12  
PREREQUISITE: CAREER PREPARATION I & EMPLOYED AT PAID JOB SITE  
CREDIT: 2 UNITS

Career Preparation II develops essential knowledge and skills through advanced classroom instruction with business and industry employment experiences. Career Preparation II 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

## **8230E EXTENDED CAREER PREPARATION II**

GRADE PLACEMENT: 12  
PREREQUISITE: EXTENDED CAREER PREPARATION I & EMPLOYED AT PAID JOB SITE  
CREDIT: 3 UNITS



Extended Career Preparation II provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success. 15 hours per week at paid job site

## ***EDUCATION AND TRAINING***

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## **8273 PRINCIPLES OF EDUCATION AND TRAINING**

GRADE PLACEMENT: 9-10  
PREREQUISITE: NONE  
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**

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 IN EDUCATION AND TRAINING**

GRADE PLACEMENT: 11-12  
PREREQUISITE: STUDENT INTEREST IN TEACHING  
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.

# CAREER AND TECHNICAL EDUCATION

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## **8276 PRACTICUM IN EDUCATION AND TRAINING**

GRADE PLACEMENT: 12  
PREREQUISITE: INSTRUCTIONAL PRACTICES IN EDUCATION  
CREDIT: 2 UNITS

Extends training for teacher aides at the elementary level by serving as a teacher's aide in various programs in C-FBISD including pre-kindergarten, deaf education, art, music, speech pathology, and other special programs. This is a continuation of Instructional Practices in Education.

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## **8276E EXTENDED PRACTICUM IN EDUCATION AND TRAINING**

GRADE PLACEMENT: 12  
PREREQUISITE:  
CREDIT: 3 UNITS

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## ***FINANCE***

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## **8280 BANKING AND FINANCIAL SERVICES**

GRADE PLACEMENT: 10-12  
PREREQUISITE: PRINCIPLES OF BUSINESS, MARKETING AND FINANCE  
CREDIT: ½ UNITS

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.

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## **8281 ACCOUNTING I**

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

In Accounting I, 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.

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## **8282 ACCOUNTING II**

GRADE PLACEMENT: 11-12  
PREREQUISITE: SUCCESSFUL COMPLETION OF ACCOUNTING I  
CREDIT: 1 UNIT

In Accounting II, students will continue the investigation of the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students will reflect on this knowledge as they engage in various managerial, financial, and operational accounting activities. 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.

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## ***HEALTH SCIENCE***

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## **8232 PRINCIPLES OF HEALTH SCIENCE**

GRADE PLACEMENT: 9  
PREREQUISITE: NONE  
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.

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# CAREER AND TECHNICAL EDUCATION

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## **8233 HEALTH SCIENCE THEORY**

GRADE PLACEMENT: 10  
PREREQUISITE: PRINCIPLES OF HEALTH SCIENCE AND/OR TEACHER PERMISSION  
CREDIT: 1 UNIT

Provides for the development of advanced knowledge and skills related to a wide variety of health careers. Students will have hands-on experiences for continued knowledge and skill development. The course may be taught by different methodologies such as clinical rotation and career preparation learning. This course may substitute for Health credit.

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## **8333C HEALTH SCIENCE CLINICAL**

GRADE PLACEMENT: 10  
CREDIT: 1 UNIT

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

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## **6637 ANATOMY & PHYSIOLOGY**

GRADE PLACEMENT: 11-12  
PREREQUISITE: BIOLOGY I AND CHEMISTRY I; ALSO OPEN TO SENIORS NOT ENROLLED IN BIO MEDICAL ACADEMY  
CREDIT: 1 UNIT

Extends understanding of the structure and function of the human body. Students will explore physiological systems and associated pathologies. Higher order thinking is stressed through assessment and synthesis of the anatomical knowledge combined with exposure to clinical analysis. Principles of physiology will be applies to human health and well-being. Can be used as 4<sup>th</sup> year Science course.

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## **8234 PRACTICUM IN HEALTH SCIENCE (CNA)**

GRADE PLACEMENT: 12  
PREREQUISITE: BIOLOGY, CHEMISTRY AND PRINCIPLES OF HEALTH SCIENCE AND HEALTH SCIENCE THEORY  
CREDIT: 2 UNITS

This course is designed to give students practical application of previously studied knowledge and skills. Practicum experience will include skills lab and practical experience at a nursing home facility. Students will prepare for and take the certification exam at the end of the course. Students must have a social security number in order to participate in the clinical portion of the course and must be 16 prior to taking the certification exam. Maximum of 10 students per section, per state mandated.

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## **8235 PRACTICUM IN HEALTH SCIENCE (PHARMACY TECH)**

GRADE PLACEMENT: 11-12  
PREREQUISITE: CHEMISTRY, PRINCIPLES OF HEALTH SCIENCE AND HEALTH SCIENCE THEORY  
CREDIT: 2 UNITS

This course is designed to give students practical application of previously studied knowledge and skills Practicum experiences will occur at the facilities prearranged by the instructor. Students will prepare and take the Pharmacy Technician certification exam at the end of the course.

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## **8236 PRACTICUM IN HEALTH SCIENCE (HOSPITAL ROTATIONS)**

GRADE PLACEMENT: 11-12  
PREREQUISITE: BIOLOGY I, CHEMISTRY, PRINCIPLES OF HEALTH SCIENCE AND HEALTH SCIENCE THEORY  
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 at a local hospital facility. Students will have the opportunity to explore various occupations within the hospital setting by shadowing health professionals. Students will be expected to follow the hospital guidelines for dress code and conduct. This course is meant to be a precursor to the certification courses offered (EMT, Pharm Tech and CNA). Maximum of 10 students per section.

\*\*\*\*Please note that students are allowed to take only two Practicum in Health Science courses.\*\*\*\*

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# CAREER AND TECHNICAL EDUCATION

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## 8236E EXTENDED PRACTICUM IN HEALTH SCIENCE

GRADE PLACEMENT: 11-12  
PREREQUISITE: PRACTICUM IM HEALTH SCIENCE  
CREDIT: 3 UNITS

This course must be taken concurrently with Practicum in Health Science and may not be taken as a stand-alone course. Students shall be awarded one credit for successful completion of this course.

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## 8237 EMERGENCY MEDICAL TECHNICIAN-BASIC

GRADE PLACEMENT: 12  
PREREQUISITE: BIOLOGY I, CHEMISTRY, PRINCIPLES OF HEALTH SCIENCE AND HEALTH SCIENCE THEORY  
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.

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## 8239 PHLEBOTOMY THEORY

GRADE PLACEMENT: 12  
PREREQUISITE: PRINCIPLES OF HEALTH SCIENCE, HEALTH SCIENCE THEORY & ANATOMY (PREFERRED)  
CREDIT: 1 UNIT



Phlebotomy is a course that teaches students how to draw blood for clinical tests. Students will be taught the theory of blood collection and techniques for drawing blood. Students will learn a variety of types of blood draw techniques and safety standards, along with the basic anatomy and physiology required for phlebotomy. This Course must be taken concurrently with Phlebotomy Lab.

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## 8239L PHLEBOTOMY LAB

GRADE PLACEMENT: 12  
PREREQUISITE: PRINCIPLES OF HEALTH SCIENCE, HEALTH SCIENCE THEORY & ANATOMY (PREFERRED)  
CREDIT: 1 UNIT



This course will require students to draw blood samples from each other, volunteers, and finally from real patients during clinical rotations. Blood draws and clinicals will start in the spring semester. Permission slips will be sent home prior to the start of human blood draws. Students are required to have TB Skin test, PPD, Hepatitis B, and Flu Shot. Students are required to purchase a scrub uniform to wear in the clinical setting. This course must be taken concurrently with Phlebotomy Theory.

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## *HOSPITALITY AND TOURISM*

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## 8200 PRINCIPLES OF HOSPITALITY AND TOURISM

GRADE PLACEMENT: 9-12  
PREREQUISITE: NONE  
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.

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# CAREER AND TECHNICAL EDUCATION

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## **8201 INTRODUCTION TO CULINARY ARTS**

GRADE PLACEMENT: 10-12  
PREREQUISITE: NONE  
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.

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## **8202 CULINARY ARTS**

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. This course is offered as a laboratory-based course.

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## **8203 ADVANCED CULINARY ARTS**

GRADE PLACEMENT: 12  
PREREQUISITE: CULINARY ARTS AND TEACHER APPROVAL  
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.

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## **8204 PRACTICUM IN HOSPITALITY SERVICES**

GRADE PLACEMENT: 12  
PREREQUISITE: CULINARY ARTS AND TEACHER APPROVAL & 10 HOURS PER WEEK AT JOB SITE  
CREDIT: 2 UNITS

Practicum in Hospitality Services is a unique practicum that 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. Practicum in Hospitality Services integrates academic and career and technical education; provides more interdisciplinary instruction; and supports strong partnerships among schools, businesses, and community institutions with the goal of preparing students with a variety of skills in a fast-changing workplace. Students will be placed in internship positions at hotels via local hotel associations. *A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills. 10 hours per week at the job site.*

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## **8204E EXTENDED PRACTICUM IN HOSPITALITY SERVICES**

GRADE PLACEMENT: 12  
PREREQUISITE: CULINARY ARTS AND TEACHER APPROVAL & 15 HOURS PER WEEK AT JOB SITE  
CREDIT: 3 UNITS

Extended Practicum in Culinary Arts is a unique practicum that 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. Practicum in Culinary Arts integrates academic and career and technical education; provides more interdisciplinary instruction; and supports strong partnerships among schools, businesses, and community institutions with the goal of preparing students with a variety of skills in a fast-changing workplace. Students will be placed in internship positions at hotels via local hotel associations. 15 hours per week at the job site.

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# CAREER AND TECHNICAL EDUCATION

## *HUMAN SERVICES*

### **8206 PRINCIPLES OF HUMAN SERVICES**

GRADE PLACEMENT: 9-12  
PREREQUISITE: NONE  
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.

### **8208 INTERPERSONAL STUDIES**

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

### **8207 DOLLARS AND SENSE**

GRADE PLACEMENT: 11-12  
PREREQUISITE: PRINCIPLES OF HUMAN SERVICES  
CREDIT: 1/2 UNIT

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

### **8209 LIFETIME NUTRITION AND WELLNESS**

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

Lifetime Nutrition and Wellness is a laboratory course that 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**

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

Child Development is a technical laboratory course that 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.

### **8211 CHILD GUIDANCE**

GRADE PLACEMENT: 10-12  
PREREQUISITE: PRINCIPLES OF HUMAN SERVICES  
CREDIT: 2 UNITS

Addresses the knowledge and skills related to child growth and guidance equipping students to develop positive relationships with children and effective caregiver skills. Students use these skills to promote the well-being and healthy development of children, strengthen a culturally diverse society, and pursue careers related to the care, guidance, and education of children. Students in the 12<sup>th</sup> grade may begin compiling documentation for the Child Development Associate certification.



# CAREER AND TECHNICAL EDUCATION

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## **8212 FAMILY AND COMMUNITY SERVICES**

GRADE PLACEMENT: 11-12  
PREREQUISITE: TEACHER/COUNSELOR APPROVAL  
CREDIT: 1 UNIT

Family and Community Services is a laboratory-based course designed to involve 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.

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## **8214 INTRODUCTION TO COSMETOLOGY**

GRADE PLACEMENT: 9-10  
PREREQUISITE: NONE  
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 I and Cosmetology II in order to finish the program.

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## **8215 COSMETOLOGY I**

GRADE PLACEMENT: 10-11  
PREREQUISITE: INTRODUCTION TO COSMETOLOGY  
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 to Cosmetology II.

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## **8216 COSMETOLOGY II**

GRADE PLACEMENT: 11-12  
PREREQUISITE: COSMETOLOGY I  
CREDIT: 2 UNITS

Provides students with a better understanding of the knowledge, skills, and training needed to succeed in the cosmetology profession. Each student will receive instruction that relates to the performance of useful, creative and productive career-oriented activities that will prepare them to service outside clientele. This course requires students to pass their core courses 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.

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## **8213 PRACTICUM IN HUMAN SERVICES**

(1ST TIME TAKEN)  
GRADE PLACEMENT: 11-12  
PREREQUISITE: 10 HOURS PER WEEK AT JOB SITE & COHERENT SEQUENCE OF CTE COURSES IN THE HUMAN SERVICES CAREER CLUSTER.  
CREDIT: 2 UNITS

Practicum in Human Services 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. Content for Practicum in Human Services 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.

A student may take this course for a second year as a senior to receive credit for Practicum in Human Services II, if the student is employed at a different training site. *A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skill.*

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# CAREER AND TECHNICAL EDUCATION

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## 8213S PRACTICUM IN HUMAN SERVICES

(2ND TIME TAKEN)

GRADE PLACEMENT: 12

PREREQUISITE: 10 HOURS PER WEEK AT JOB SITE & COHERENT SEQUENCE OF CTE COURSES IN THE HUMAN SERVICES CAREER CLUSTER.

CREDIT: 2 UNITS

Practicum in Human Services 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. Content for Practicum in Human Services 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. A student may take this course for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skill than they experienced in 8213.

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## 8213E EXTENDED PRACTICUM IN HUMAN SERVICES

(1ST TIME TAKEN)

GRADE PLACEMENT: 11-12

PREREQUISITE: CONCURRENTLY IN PRACTICUM IN HUMAN SERVICES

CREDIT: 3 UNITS

This course must be taken concurrently with Practicum Human Services and may not be taken as a stand-alone course. Students shall be awarded one credit for successful completion of this course.

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## 8213E2 EXTENDED PRACTICUM IN HUMAN SERVICES

(2ND TIME TAKEN)

GRADE PLACEMENT: 12

PREREQUISITE: EXTENDED PRACTICUM IN HUMAN SERVICES AND COHERENT SEQUENCE OF CTE COURSES IN THE HUMAN SERVICES CAREER CLUSTER.

CREDIT: 3 UNITS



A student may repeat course 8213E for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills. 15 hours per week at job site

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## INFORMATION TECHNOLOGY

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### 8171 PRINCIPLES OF INFORMATION TECHNOLOGY

GRADE PLACEMENT: 9-12

PREREQUISITE: NONE

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.

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### 8172 COMPUTER PROGRAMMING I

GRADE PLACEMENT: 10-12

PREREQUISITE: NONE

CREDIT: 1 UNIT

Acquire knowledge of structured programming techniques and concepts appropriate to developing executable programs and creating appropriate documentation. Students analyze the social responsibility of business and industry regarding the significant issues relating to the environment, ethics, health safety, and diversity in society and in the workplace as it relates to computer programming. Students apply technical skills to address business applications of emerging technologies.

\*Can count as foreign language

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# CAREER AND TECHNICAL EDUCATION

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## 8173 COMPUTER PROGRAMMING II

GRADE PLACEMENT: 11-12  
PREREQUISITE: COMPUTER PROGRAMMING  
CREDIT: 1 UNIT

Expand knowledge and skills in structured programming techniques and concepts by addressing more complex problems and developing comprehensive programming solutions. Students analyze the social responsibility of business and industry regarding the significant issues relating to environment, ethics, health, safety, and diversity in society and in the workplace as it relates to computer.

\*Can count as foreign language

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## 8174 DIGITAL MEDIA

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

Studies digital and interactive media and its application in information technology, students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students enhance reading, writing, computing, communication, and critical thinking and apply them to the information technology environment.

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## 8175 WEB TECHNOLOGIES

GRADE PLACEMENT: 10-12  
PREREQUISITE: TEACHER APPROVAL  
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.

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## 8176 PRACTICUM IN INFORMATION TECHNOLOGY

GRADE PLACEMENT: 12  
PREREQUISITE: ANY OTHER COURSE IN THE INFORMATION TECHNOLOGY CLUSTER  
CREDIT: 2 UNITS

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.

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## 8176E EXTENDED PRACTICUM IN INFORMATION TECHNOLOGY

GRADE PLACEMENT: 12  
PREREQUISITE: ANY OTHER COURSE IN THE INFORMATION TECHNOLOGY CLUSTER  
CREDIT: 3 UNITS

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.

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## 8177 COMPUTER MAINTENANCE

GRADE PLACEMENT: 10-12  
PREREQUISITE: PRINCIPLES OF INFORMATION TECHNOLOGY  
RECOMMENDED COREQUISITE: COMPUTER MAINTENANCE LAB  
CREDIT: 1 UNIT



Students will acquire knowledge of computer maintenance and creating appropriate documentation. Students will 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. Students will apply technical skills to address the IT industry and emerging technologies.

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# CAREER AND TECHNICAL EDUCATION

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## 8177L COMPUTER MAINTENANCE LAB

GRADE PLACEMENT: 10-12  
PREREQUISITE: PRINCIPLES OF INFORMATION TECHNOLOGY  
COREQUISITE: COMPUTER MAINTENANCE  
CREDIT: 2 UNITS



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

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## 8178 NETWORKING

GRADE PLACEMENT: 10-12  
PREREQUISITE: RECOMMENDED PRINCIPLES OF INFORMATION TECHNOLOGY, COMPUTER MAINTENANCE, AND COMPUTER MAINTENANCE LAB  
RECOMMENDED COREQUISITE: NETWORKING LAB  
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.

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## 8178L NETWORKING LAB

GRADE PLACEMENT: 10-12  
PREREQUISITE: RECOMMENDED PRINCIPLES OF INFORMATION TECHNOLOGY, COMPUTER MAINTENANCE, AND COMPUTER MAINTENANCE LAB  
RECOMMENDED COREQUISITE: NETWORKING  
CREDIT: 2 UNITS



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

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## 8406 GAME PROGRAMMING AND DESIGN

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

Game Programming and Design will foster student creativity and innovation by presenting students with opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve gaming problems. Through data analysis, students will include the identification of task requirements, plan search strategies, and use programming concepts to access, analyze, and evaluate information needed to design games. By acquiring programming knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will create a computer game that is presented to an evaluation panel.

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## 8416 WEB GAME DEVELOPMENT

GRADE PLACEMENT: 11-12  
PREREQUISITE: WEB TECHNOLOGIES  
CREDIT: 1 UNIT

Through the study of web game development, students learn to make higher level informed decisions and apply the decisions to the field of information technology and gaming. Students implement personal and interpersonal skills to prepare for a rapidly evolving technology environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students enhance reading, writing, computing, communication, and critical thinking and apply them to the information technology environment.

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# CAREER AND TECHNICAL EDUCATION

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## **8407 MOBILE APPLICATION DEVELOPMENT**

GRADE PLACEMENT: 10-12  
PREREQUISITE: NONE  
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 collaborate with one another, their instructor, and various electronic communities to solve problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use software development concepts to access, analyze, and evaluate information needed to program mobile devices. By using software design knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of mobile application development through the study of development platforms, programming languages, and software design standards.

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## ***LAW, PUBLIC SAFETY, CORRECTIONS AND SECURITY***

### **8148D PRINCIPLES OF LAW, PUBLIC SAFETY, AND SECURITY**

GRADE PLACEMENT: 9  
PREREQUISITE: ADMISSION INTO THE LAW AND CRIMINAL JUSTICE ACADEMY  
CREDIT: 1 UNIT

This course serves as the introductory course for the Law and Criminal Justice Academy. Students will explore various aspects of the American legal system with particular emphasis on the courts and the police

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### **8149D LAW ENFORCEMENT I**

GRADE PLACEMENT: 10  
PREREQUISITE: PRINCIPLES OF LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY  
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.

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### **8154 LAW ENFORCEMENT II**

GRADE PLACEMENT: 11-12  
PREREQUISITE: LAW ENFORCEMENT I  
CREDIT: 1 UNIT

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

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### **8150 COURT SYSTEMS AND PRACTICES**

GRADE PLACEMENT: 10-12  
PREREQUISITE: LAW ENFORCEMENT I  
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. Court Systems and Practices is an overview of the federal and state court systems.

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# CAREER AND TECHNICAL EDUCATION

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## **6672 FORENSIC PSYCHOLOGY**

GRADE PLACEMENT: 10-12

PREREQUISITE: BIOLOGY, CHEMISTRY AND/OR TEACHER RECOMMENDATION

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.

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## **8151 CORRECTIONAL SERVICES**

GRADE PLACEMENT: 11-12

PREREQUISITE: PRINCIPLES OF LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY

CREDIT: 1 UNIT

In Correctional Services, students prepare for certification required for employment as a correctional officer. The student will learn the role and responsibilities of a correctional officer; discuss relevant rules, regulations, and laws; and discuss defensive tactics, restraint techniques, and first aid procedures as used in the correctional setting. The student will analyze rehabilitation and alternatives to institutionalization.

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## **8141 POLITICAL SCIENCE I**

GRADE PLACEMENT: 11-12

PREREQUISITE: PRINCIPLES OF LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY

CREDIT: 1 UNIT



In Correctional Services, students prepare for certification required for employment as a correctional officer. The student will learn the role and responsibilities of a correctional officer; discuss relevant rules, regulations, and laws; and discuss defensive tactics, restraint techniques, and first aid procedures as used in the correctional setting. The student will analyze rehabilitation and alternatives to institutionalization.

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## **8153 LEGAL RESEARCH & WRITING**

GRADE PLACEMENT: 10-12

PREREQUISITE: ADMISSION INTO THE LAW 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. Court Systems and Practices is an overview of the federal and state court systems.

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## ***GOVERNMENT AND PUBLIC ADMINISTRATION***

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### **8140 PRINCIPLES OF GOVERNMENT AND PUBLIC ADMINISTRATION**

GRADE PLACEMENT: 9-11

PREREQUISITE: NONE

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.

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# CAREER AND TECHNICAL EDUCATION

## MANUFACTURING

### 8167 INTRODUCTION TO WELDING

GRADE PLACEMENT: 9-12

PREREQUISITE: ALGEBRA I AND AGRICULTURE MECHANICS AND METAL TECHNOLOGY

CREDIT: 1 UNIT

The course develops an understanding to welding technology with an emphasis on basic welding laboratory principles and operating procedures. Students will be introduced to the three basic welding processes. Topics include industrial safety and health practices, hand tool and power machine use, measurement, laboratory operating procedures, welding power sources, welding career potentials, and introduction to welding codes and standards.

### 8168 WELDING I

GRADE PLACEMENT: 10-12

PREREQUISITE: ALGEBRA I

CREDIT: 2 UNITS

The course develops an understanding in welding with an emphasis on math technologies, evaluating the function and application of the tools, equipment, technologies, and materials used in welding, understanding welding joint design, symbols and welds and identify the proper welding types and techniques used. Students will also evaluate different types of metals.

### 8169 WELDING II

GRADE PLACEMENT: 11-12

PREREQUISITE: ALGEBRA I OR GEOMETRY AND WELDING I

CREDIT: 2 UNIT

Welding II builds on the knowledge and skills developed in Welding I. The student applies academic skills to the requirements of welding. They will also apply the concepts and skills of welding learned in Welding I, to perform tasks and construct projects.

### 8169L WELDING II LAB

GRADE PLACEMENT: 11-12

PREREQUISITE: WEDLING I

CREDIT: 3 UNITS

Welding II lab provides an instruction to welding technology with an emphasis on basic welding laboratory principles and operating procedures. Topics include: industrial safety and health practices, hand tool and power machine use, measurement, laboratory operating procedures.

### 8170 PRACTICUM IN MANUFACTURING

GRADE PLACEMENT: 11-12

PREREQUISITE: 10 HOURS PER WEEK AT JOB SITE & COHERENT SEQUENCE OF CTE COURSES IN THE MANUFACTURING CAREER CLUSTER.

CREDIT: 2 UNITS

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. The practicum course is paid or unpaid capstone experience for student's participation in a coherent sequence of career and technical education courses in the Manufacturing Career Cluster. *A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills. 10 hours per week at paid job site*

# CAREER AND TECHNICAL EDUCATION

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## **8170E EXTENDED PRACTICUM IN MANUFACTURING**

GRADE PLACEMENT: 11-12

PREREQUISITE: 15 HOURS PER WEEK AT JOB SITE & COHERENT SEQUENCE OF CTE COURSES IN THE MANUFACTURING CAREERCLUSTER

CREDIT: 3 UNIT

Extended Practicum in Manufacturing course is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. The Practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Manufacturing Career Cluster. 15 hours per week at job site

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## **MARKETING**

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### **8285 FASHION MARKETING**

GRADE PLACEMENT: 9-12

PREREQUISITE: NONE

CREDIT: 1/2 UNIT

This course is 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.

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### **8284 ADVERTISING**

GRADE PLACEMENT: 10-12

PREREQUISITE: NONE

CREDIT: 1/2 UNIT

Advertising and Sales Promotion are key elements to any business that markets a product or service. Students will discover the goals and objectives of various types of advertising and promotion identify and analyze advertisements and promotional campaigns, select media and develop advertisements. Students will learn about the different types of advertising media, measure the effectiveness of that media and determine the costs involved. Students will learn about the promotional mix and well as the importance of public relations.

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### **8286 ENTREPRENEURSHIP**

GRADE PLACEMENT: 10-12

PREREQUISITE: NONE

CREDIT: 1 UNIT

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.

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### **8287 SPORTS AND ENTERTAINMENT MARKETING**

GRADE PLACEMENT: 9-12

PREREQUISITE: NONE

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.

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### **8288 ADVANCED MARKETING**

GRADE PLACEMENT: 11-12

PREREQUISITE: AT LEAST ONE OTHER COURSE IN THE MARKETING CLUSTER

CREDIT: 2 UNITS

In Practicum in Marketing, students will gain knowledge and skills that help them to be proficient in one or more of the marketing functional areas associated with distribution, financing, marketing information management, pricing, product planning, promotion, purchasing, risk management, and selling skills. The practicum course is a paid or unpaid experience for students participating in a coherent sequence of career and technical courses in marketing.

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# CAREER AND TECHNICAL EDUCATION

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## **8289 PRACTICUM IN MARKETING**

(1ST TIME TAKEN)

GRADE PLACEMENT: 11-12

PREREQUISITE: 10 HOURS PER WEEK AT JOB SITE & COHERENT SEQUENCE OF CAREER AND TECHNICAL EDUCATION COURSES IN THE MARKETING CAREER CLUSTER

CREDIT: 2 UNITS

In Practicum in Marketing, students will gain knowledge and skills that help them to be proficient in one or more of the marketing functional areas associated with distribution, financing, marketing information management, pricing, product planning, promotion, purchasing, risk management, and selling skills. The practicum course is a paid or unpaid experience for students participating in a coherent sequence of career and technical courses in marketing. 10 hours per week at paid job site

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## **8289S PRACTICUM IN MARKETING**

(2ND TIME TAKEN)

GRADE PLACEMENT: 12

PREREQUISITE: 10 HOURS PER WEEK AT JOB SITE & COHERENT SEQUENCE OF CAREER AND TECHNICAL EDUCATION COURSES IN THE MARKETING CAREER CLUSTER

CREDIT: 2 UNITS

In Practicum in Marketing, student will gain knowledge and skills that help them to be proficient in one or more of the marketing functional areas associated with distribution, financing, marketing information management, pricing, product planning, promotion, purchasing, risk management, and selling skills. The practicum course is a paid or unpaid experience for students participating in a coherent sequence of career and technical courses in marketing. A student may take this course Practicum in Marketing a second time if they are experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills than they experienced in 8289.

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## **8289E EXTENDED PRACTICUM IN MARKETING**

GRADE PLACEMENT: 11-12

PREREQUISITE: 15 HOURS PER WEEK AT JOB SITE & COHERENT SEQUENCE OF CTE COURSES IN THE MARKETING CAREER CLUSTER

CREDIT: 3 UNITS

Extended Practicum in Marketing, students will gain knowledge and skills that help them to be proficient in one or more of the marketing functional areas associated with distribution, financing, marketing information management, pricing, product planning, promotion, purchasing, risk management, and selling skills. The practicum course is a paid or unpaid experience for students participating in a coherent sequence of career and technical courses in marketing. 15 hours per week at job site.

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## **8289E2 EXTENDED PRACTICUM IN MARKETING**

(2ND TIME TAKEN)

GRADE PLACEMENT: 12

PREREQUISITE: EXTENDED PRACTICUM IN MARKETING, 15 HOURS PER WEEK AT JOB SITE & COHERENT SEQUENCE OF CTE COURSES IN THE MARKETING CAREER CLUSTER.

CREDIT: 3 UNITS



A student may repeat course 8289E for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills. 15 hours per week at job site.

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## ***SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS***

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### **8250 PRINCIPLES OF BIOSCIENCES**

GRADE PLACEMENT: 9-10

PREREQUISITE: CONCURRENT WITH BIOLOGY

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. The class will also focus on the economic, ethical and political roles of biological remediation (like in the use of Genetically Modified Organisms, role of genetics in food, etc.); as well as current and future trends

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# CAREER AND TECHNICAL EDUCATION

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## **8249 PRINCIPLES OF APPLIED ENGINEERING**

GRADE PLACEMENT: 9-12

PREREQUISITE: INTRODUCTION TO CONCEPTS OF ENGINEERING OR ENGINEERING DESIGN

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.

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## **8251 COMPUTER INTEGRATED MANUFACTURING (PLTW) (METS)**

GRADE PLACEMENT: 10-12

PREREQUISITE: INTRODUCTION TO ENGINEERING DESIGN (IED) AND PRINCIPLES OF ENGINEERING (POE), OR INSTRUCTOR RECOMMENDATION

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.

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## **8253 INTRODUCTION TO ENGINEERING DESIGN (PLTW)**

GRADE PLACEMENT: 9-12

PREREQUISITE: TEACHER RECOMMENDATION

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.

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## **8260 ENGINEERING SCIENCE (PLTW)**

GRADE PLACEMENT: 9-12

PREREQUISITE: CONCEPTS OF ENGINEERING OR INTRODUCTION TO ENGINEERING DESIGN

CREDIT: 1 UNIT

Helps students understand the field of engineering/engineering technology. Exploring various technology systems and manufacturing processes helps students learn how engineers and technicians use math, science and technology in an engineering problem solving process to benefit people. The course also includes concerns about social and political consequences of technological change.

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# CAREER AND TECHNICAL EDUCATION

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## **8259 ENGINEERING DESIGN AND PROBLEM SOLVING (FAST TRACK 2)**

GRADE PLACEMENT: 10-12

PREREQUISITE: GEOMETRY, ALGEBRA II, CHEMISTRY AND 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.

## **8254 ENGINEERING DESIGN AND PRESENTATION I (FAST TRACK 1)**

GRADE PLACEMENT: 10-12

PREREQUISITE: PRINCIPLES OF APPLIED ENGINEERING AND ALGEBRA I

CREDIT: 1 UNIT

Engineering Design and Presentation I 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 compete assignment and projects. Through implementation of the design process, students will transfer advanced academic skills to component designs. Additionally, students explore career opportunities in engineering, technology, and drafting and what is required to gain and maintain employment in these areas.

## **8255 ROBOTICS I**

GRADE PLACEMENT: 10-12

PREREQUISITE: ENGINEERING DESIGN AND PRESENTATION

CREDIT: 1 UNIT

In Robotics I, students will transfer academic skills to component designs in a project-based environment through 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.

## **8256 ROBOTICS II**

GRADE PLACEMENT: 11-12

PREREQUISITE: ROBOTICS I

CREDIT: 1 UNIT

In Robotics II, students will explore artificial intelligence and programming in the robotic and automation industry. Through implementation of the design process, students will transfer academic skills to component designs in a project-based environment and competitions. Students will build prototypes and use software to test their designs.

## **8261 DIGITAL ELECTRONICS**

GRADE PLACEMENT: 11-12

PREREQUISITE: PRINCIPLES OF ENGINEERING

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.

## **8257 SCIENTIFIC RESEARCH AND DESIGN (IGNITE I)**

GRADE PLACEMENT: 10-12

PREREQUISITE: COMPLETION OF TWO YEARS OF LABORATORY SCIENCE

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. This course meets one of the Distinguished Achievement Program measures.

# CAREER AND TECHNICAL EDUCATION

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## **8258 SCIENTIFIC RESEARCH AND DESIGN II (IGNITE II)**

GRADE PLACEMENT: 11-12

PREREQUISITE: PHYSICS, PREAP PHYSICS OR CONCURRENT ENROLLMENT IN PHYSICS

CREDIT: 1 UNIT

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

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## **8271 PRACTICUM IN STEM (SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS)**

GRADE PLACEMENT: 12

PREREQUISITE: NONE

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.

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## ***TRANSPORTATION, DISTRIBUTION AND LOGISTICS***

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### **8156 ENERGY, POWER AND TRANSPORTATION SYSTEMS**

GRADE PLACEMENT: 9-10

PREREQUISITE: NONE

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.

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### **8157 AUTOMOTIVE BASICS**

GRADE PLACEMENT: 9-12

PREREQUISITE: NONE

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.

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### **8159 AUTOMOTIVE TECHNOLOGY I: MAINTENANCE AND LIGHT REPAIR**

GRADE PLACEMENT: 10-11

PREREQUISITE: ENERGY, POWER, AND TRANSPORTATION SYSTEMS, OR INSTRUCTOR APPROVAL

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.

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# CAREER AND TECHNICAL EDUCATION

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## **8160 AUTOMOTIVE TECHNOLOGY II: AUTOMOTIVE SERVICE**

GRADE PLACEMENT: 11-12

PREREQUISITE: AUTOMOTIVE TECHNOLOGY I: MAINTENANCE AND LIGHT REPAIR

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.

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## **8158 BASIC COLLISION REPAIR AND REFINISHING**

GRADE PLACEMENT: 10-12

PREREQUISITE: NONE

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.

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## **8161 COLLISION REPAIR**

GRADE PLACEMENT: 10-12

PREREQUISITE: NONE

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.

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## **8162 PAINT AND REFINISHING**

GRADE PLACEMENT: 11-12

PREREQUISITE: COLLISION REPAIR

CREDIT: 2 UNITS

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.

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## **8163 PRACTICUM IN TRANSPORTATION SYSTEMS (AUTO TECH)**

GRADE PLACEMENT: 12

PREREQUISITE: AUTOMOTIVE TECHNOLOGY II: AUTOMOTIVE SERVICE

CREDIT: 2 UNITS

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.

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## **8163E EXTENDED PRACTICUM IN TRANSPORTATION SYSTEMS (AUTO TECH)**

GRADE PLACEMENT: 12

PREREQUISITE: AUTOMOTIVE TECHNOLOGY II: AUTOMOTIVE SERVICE

CREDIT: 3 UNITS

This course must be taken concurrently with Practicum in Transportation Systems and may not be taken as a stand-alone course.

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### CFB ISD/CTE Crosswalk/Endorsements 18-19

In order to provide the most current and relevant instructions, our CTE course objectives are reviewed and re-written every few years by TEA. The courses included in the Educational Planning Guide were rolled out for the first time during the 2017-2018 school year. Some of the courses are new, some have a new course title and for some the credit awarded has changed. Our hope is that this crosswalk reference will ease the transition. You will find the “old” course name is listed on the left side of the chart with the “new” name on the right. This chart also includes the grade level, credit awarded and the campus where the course is available. The courses are listed by endorsement and career cluster for you convenience.

Arts & Humanities Endorsement											
2010	9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>	Beginning in 2017	Credit	RLT	NS	CHS	RHS	
<b>High School</b>											
Problems and Solutions			X	X	Project-Based Research	1	X	X			
Career Preparation I			X	X	Career Preparation I	2	X	X		X	
Career Preparation II				X	Career Preparation II	2					
			X	X	Extended Career Preparation *	3		X			
*This course must be taken concurrently with Career Preparation I or Career Preparation II and may not be taken as a stand-alone course.											
<b>Business and Industry Endorsement</b>											
<b>Agriculture, Food, and Natural Resources Cluster</b>											
Principles of Agriculture, Food, and Natural Resources	X	X	X	X	Principles of Agriculture, Food, and Natural Resources	1	X				
Livestock Production		X	X	X	Livestock Production	1	X				
Wildlife, Fisheries & Ecology Management	X	X	X	X	Wildlife, Fisheries & Ecology Management	1	X				
Small Animal Management	X	X	X	X	Small Animal Management	.5	X				
Equine Science		X	X	X	Equine Science	.5	X				
Veterinary Medical Applications			X	X	Veterinary Medical Applications	1	X				
Advanced Animal Science				X	Advanced Animal Science	1	X				
Agricultural Mechanics and Metal Technologies		X	X	X	Agricultural Mechanics and Metal Technologies	1	X				
Practicum in Agriculture, Food, and Natural Resources				X	Practicum in Agriculture, Food, and Natural Resources	2	X				
				X	Extended Practicum in Agriculture, Food, and Natural Resources*	3	X				
*This course must be taken concurrently with the related practicum course and may not be taken as a stand-alone course.											
<b>Architecture and Construction Cluster</b>											
Principles of Architecture and Construction	X	X	X	X	Principles of Architecture	1		X			
	X	X	X	X	Principles of Construction	1		X			
Interior Design		X	X	X	Interior Design I	1		X	X		
Construction Technology		X	X	X	Construction Technology I	2		X			
Advanced Construction Technology			X	X	Construction Technology II	2		X			
<b>Arts, A/V Technology, and Communications Cluster</b>											
Principles of Arts, Audio Video Technology, and Communications	X	X	X		Principles of Arts, Audio/Video Technology, and Communications	1	X				
Animation		X	X	X	Animation I	1	X		X		
		X	X	X	Animation I Lab**	2	X		X		
Audio Video Production		X	X	X	Audio/Video Production I	1	X				
		X	X	X	Audio/Video Production I Lab**	2	X				
Practicum in Audio Video Production				X	Practicum in Audio/Video Production	2	X				
				X	Extended Practicum in Audio/Video Production*	3	X				
Graphic Design and Illustration	X	X	X	X	Graphic Design and Illustration I	1	X				
	X	X	X	X	Graphic Design and Illustration I Lab**	2	X				
Advanced Graphic Design and Illustration		X	X	X	Graphic Design and Illustration II	1	X		X		
		X	X	X	Graphic Design and Illustration II Lab**	2	X		X		
Commercial Photography		X	X	X	Commercial Photography I	1	X		X		
		X	X	X	Commercial Photography I Lab**	2	X		X		
Advanced Commercial Photography			X	X	Commercial Photography II	1	X		X		
			X	X	Commercial Photography II Lab**	2	X		X		
Fashion Design		X	X	X	Fashion Design I	1		X	X		
		X	X	X	Fashion Design I Lab**	2		X	X		
Video Game Design I (Innovative Course)	X	X	X	X	Video Game Design	1	X				
Professional Communications	X	X	X	X	Professional Communications	.5	X	X	X	X	
*This course must be taken concurrently with the related practicum course and may not be taken as a stand-alone course.											
**This course must be taken concurrently with the respective corequisite course and may not be taken as a stand-alone course. This lab is a consecutive block with the respective course.											

CFB ISD/CTE Crosswalk/Endorsements 18-19

2010	9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>	Beginning in 2017	Credit	RLT	NS	CHS	RHS
<b>Business Management and Administration Cluster</b>										
Principles of Business, Marketing, and Finance	X	X	X		Principles of Business, Marketing, and Finance	1	X	X	X	
Business Information Management I	X	X	X	X	Business Information Management I	1	X	X	X	X
Business Information Management II			X	X	Business Information Management II	1	X		X	
Business Law			X	X	Business Law	1	X	X		
Global Business		X	X	X	Global Business	.5	X	X	X	
Human Resources Management			X	X	Human Resources Management	.5	X	X		
Virtual Business			X	X	Virtual Business	.5	X			
Business Management		X	X	X	Business Management	1	X			
Practicum in Business Management			X	X	Practicum in Business Management	2	X	X	X	X
			X	X	Extended Practicum in Business Management*	3	X	X	X	X
*This course must be taken concurrently with the related practicum course and may not be taken as a stand-alone course.										
<b>Finance Cluster</b>										
Banking and Financial Services		X	X	X	Banking and Financial Services	.5			X	
Accounting I		X	X	X	Accounting I	1		X	X	
Accounting II			X	X	Accounting II	1		X	X	
<b>Hospitality and Tourism Cluster</b>										
Principles of Hospitality and Tourism	X	X	X	X	Principles of Hospitality and Tourism	1		X		
Restaurant Management		X	X	X	Introduction to Culinary Arts	1		X		
Culinary Arts			X	X	Culinary Arts	2		X		
Innovative Course				X	Advanced Culinary Arts	2		X		
Practicum in Hospitality Services				X	Practicum in Hospitality Services	2		X		
				X	Extended Practicum in Hospitality Services*	3		X		
*This course must be taken concurrently with the related practicum course and may not be taken as a stand-alone course.										
<b>Information Technology Cluster</b>										
Principles of Information Technology	X	X	X	X	Principles of Information Technology	1				X
Computer Programming		X	X	X	Computer Programming I	1				X
Advanced Computer Programming			X	X	Computer Programming II	1				X
Computer Maintenance		X	X	X	Computer Maintenance	1				X
		X	X	X	Computer Maintenance Lab**	2				X
Telecommunications and Networking		X	X	X	Networking	1				X
		X	X	X	Networking Lab**	2				X
Digital and Interactive Media		X	X	X	Digital Media	1	X		X	X
Web Technologies		X	X	X	Web Technologies	1			X	X
Research in Information Technology Solutions				X	Practicum in Information Technology	2				X
				X	Extended Practicum in Information Technology*	3				X
*This course must be taken concurrently with the related practicum course and may not be taken as a stand-alone course.										
** This course must be taken concurrently with the respective corequisite course and may not be taken as a stand-alone course. This lab is a consecutive block with the respective course.										
<b>Manufacturing Cluster</b>										
Welding	X	X	X	X	Introduction to Welding	1	X			
		X	X	X	Welding I	2	X			
Advanced Welding			X	X	Welding II	2	X			
			X	X	Welding II Lab**	3	X			
Practicum in Manufacturing			X	X	Practicum in Manufacturing	2	X	X		
			X	X	Extended Practicum in Manufacturing*	3	X	X		
*This course must be taken concurrently with the related practicum course and may not be taken as a stand-alone course.										
**This course must be taken concurrently with the respective coreq course and may not be taken as a stand-alone course. This lab is a consecutive block with the respective course.										
<b>Marketing Cluster</b>										
Advertising and Sales Promotion		X	X	X	Advertising	.5	X		X	
Fashion Marketing	X	X	X	X	Fashion Marketing	.5	X	X	X	
Entrepreneurship		X	X	X	Entrepreneurship	1	X	X	X	
Sports and Entertainment Marketing		X	X	X	Sports and Entertainment Marketing	.5	X	X	X	
Marketing Dynamics			X	X	Advanced Marketing	2	X	X	X	
Practicum in Marketing Dynamics			X	X	Practicum in Marketing	2	X		X	
			X	X	Extended Practicum in Marketing*	3	X		X	
*This course must be taken concurrently with the related practicum course and may not be taken as a stand-alone course.										

CFB ISD/CTE Crosswalk/Endorsements 18-19

2010	9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>	Beginning in 2017	Credit	RLT	NS	CHS	RHS
<b>Transportation, Distribution, and Logistics Cluster</b>										
Energy, Power, and Transportation Systems	X	X			Energy and Power of Transportation Systems	1			X	
New Course	X	X			Automotive Basics	1	X		X	
Automotive Technology		X	X	X	Automotive Technology I: Maintenance and Light Repair	2	X		X	
Advanced Automotive Technology			X	X	Automotive Technology II: Automotive Service	2	X		X	
New Course	X	X			Basic Collision Repair and Refinishing	1	X			
Collision Repair and Refinishing		X	X	X	Collision Repair	2	X			
Advanced Collision Repair and Refinishing			X	X	Paint and Refinishing	2	X			
Practicum in Transportation, Distribution, and Logistics				X	Practicum in Transportation Systems	2	X		X	
				X	Extended Practicum in Transportation Systems*	3	X		X	
*This course must be taken concurrently with the related practicum course and may not be taken as a stand-alone course.										
<b>Public Service Endorsement</b>										
<b>Education and Training Cluster</b>										
Principles of Education and Training	X	X	X	X	Principles of Education and Training	1	X			
Human Growth and Development		X	X	X	Human Growth and Development	1	X			
Instructional Practices in Education and Training			X	X	Instructional Practices in Education and Training	2	X			
Practicum in Education and Training				X	Practicum in Education and Training	2	X			
				X	Extended Practicum in Education and Training*	3	X			
*This course must be taken concurrently with the related practicum course and may not be taken as a stand-alone course.										
<b>Government and Public Administration Cluster</b>										
Principles of Government and Public Administration	X	X	X		Principles of Government and Public Administration	1			X	
Political Science I		X	X	X	Political Science I	1			X	
<b>Health Science Cluster</b>										
Principles of Health Science Health Science	X				Principles of Health Science	1	X			
		X			Health Science Theory	1	X			
					Health Science Clinical**	1	X			
Anatomy and Physiology			X	X	Anatomy and Physiology	1	X	X	X	X
Innovative Course New Course				X	Phlebotomy Theory	1	X			
					Phlebotomy Lab**	1	X			
Innovative Course				X	Emergency Medical Technician Basic (EMT)	2	X			
Practicum in Health Science				X	Practicum in Health Science (C.N.A.)	2	X			
			X	X	Practicum in Health Science (Pharmacy Technician)	2	X			
			X	X	Practicum in Health Science (Hospital Rotation)	2	X			
			X	X	Extended Practicum in Health Science*	3	X			
*This course must be taken concurrently with the related practicum course and may not be taken as a stand-alone course.										
**This course must be taken concurrently with the related Theory course and may not be taken as a stand-alone course. This lab is a consecutive block with the respective course.										
<b>Human Services Cluster</b>										
Principles of Human Services	X	X	X	X	Principles of Human Services	1	X		X	X
Dollars and Sense	X	X	X	X	Dollars and Sense	.5		X	X	
Interpersonal Studies	X	X	X	X	Interpersonal Studies	.5		X		X
Lifetime Nutrition and Wellness		X	X	X	Lifetime Nutrition and Wellness	.5	X	X	X	
Child Development		X	X	X	Child Development	1	X	X	X	X
Child Guidance		X	X	X	Child Guidance	2			X	
Family and Community Services			X	X	Family and Community Services	1		X		
Introduction to Cosmetology	X	X			Introduction to Cosmetology	1	X			
Cosmetology I		X	X		Cosmetology I	2	X			
Cosmetology II			X	X	Cosmetology II	2	X			
Practicum in Human Services			X	X	Practicum in Human Services	2	X	X		X
			X	X	Extended Practicum in Human Services*	3	X	X		X
*This course must be taken concurrently with the related practicum course and may not be taken as a stand-alone course.										



CFB ISD/CTE Crosswalk/Endorsements 18-19

2010	9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>	Beginning in 2017	Credit	RLT	NS	CHS	RHS
<b>Law, Public Safety, Corrections, and Security Cluster</b>										
Principles of Law, Public Safety, Corrections, and Security	X	X	X	X	Principles of Law, Public Safety, Corrections, and Security	1			X	
Law Enforcement I		X			Law Enforcement I	1			X	
Law Enforcement II			X	X	Law Enforcement II	1			X	
Court Systems and Practices		X	X	X	Court Systems and Practices	1			X	
Correctional Services			X	X	Correctional Services	1			X	
Innovative Course		X	X	X	Introduction to American Law	1			X	
Innovative Course		X	X	X	Legal Research and Writing	1			X	
Innovative Course		X	X	X	Forensic Psychology	1			X	
Forensic Science		X	X	X	Forensic Science	1	X		X	
<b>STEM Endorsement</b>										
<b>Science, Technology, Engineering, and Mathematics Cluster</b>										
Concepts of Engineering and Technology	X	X	X	X	Principles of Applied Engineering	1		X		
New Course	X	X			Principles of Biosciences	1		X		
Advanced Biotechnology		X	X	X	Biotechnology I	1		X		
New Course			X	X	Biotechnology II	1		X		
Innovative Course	X	X	X	X	Intro to Engineering Design	1	X			
Engineering Design and Presentation	X	X	X	X	Engineering Design and Presentation I (Fast Track 1)	1	X	X	X	X
Engineering Design and Problem Solving		X	X	X	Engineering Design and Problem Solving (Fast Track 2)	1	X			
Robotics and Automation			X	X	Robotics I	1		X		
				X	Robotics II	1		X		
Scientific Research and Design		X	X	X	Scientific Research and Design (Ignite I)	1	X			
			X	X	Scientific Research and Design (Ignite II)	1	X			
Principles of Engineering	X	X	X	X	Engineering Science	1	X			
Digital Electronics			X	X	Digital Electronics	1	X			

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