



COURSE CATALOG

2025-2026



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Graduation Plans

GRADUATION PLAN

Foundation w/Endorsement

26 credits required

English

4 sub-requirements must be met

ELA I

1 credit required

ELA II

1 credit required

ELA III

1 credit required

ELA IV

1 credit required

Math

4 sub-requirements must be met

Algebra I

1 credit required

Geometry

1 credit required

Algebra II

1 credit required

Advanced Math

1 credit required

Social Studies

4 sub-requirements must be met

World Geography and World History

2 sub-requirements must be met

World Geography

1 credit required

World History

1 credit required

US History

1 credit required

Economics

0.5 credits required

Government

0.5 credits required

Foreign Language

1 sub-requirement must be met

Foreign Language

2 credits required

Physical Education

1 credit required

Fine Art

1 credit required

Electives

Science

3 sub-requirements must be met

Biology

1 credit required

Lab Science

1 of 3 sub-requirements must be met

Chem

1 credit required

Physics

1 credit required

IPC

1 credit required

Advanced Science

2 courses required

Health

0.5 credits required

Speech

0.5 credits required

Middle School - GT Academy

GTA English

3 sub-requirements must be met

6th English

1 course required

7th English

1 course required

8th English

1 course required

GTA Math

3 sub-requirements must be met

6th Math

1 course required

7th Math

1 course required

8th Math

1 course required

GTA Science

3 sub-requirements must be met

6th Science

1 course required

7th Science

1 course required

8th Science

1 course required

GTA Social Studies

1 of 3 sub-requirements must be met

6th SS

1 course required

7th SS

1 course required

8th SS

1 course required

Electives

1 course required

Fine Arts

1 course required

PE

3 courses required

Middle School Grad Plan

English

3 sub-requirements must be met

6th English

1 course required

7th English

1 course required

8th English

1 course required

Math

3 sub-requirements must be met

6th Math

1 course required

7th Grade

1 course required

8th Math

1 course required

Science

3 sub-requirements must be met

6th Science

1 course required

7th Science

1 course required

8th Science

1 course required

Social Studies

3 sub-requirements must be met

6th Grade

1 course required

7th Grade

1 course required

8th Grade

1 course required

Fine Art

1 course required

Elective

1 course required

Physical Education

3 courses required

Programs of Study

PROGRAMS OF STUDY

Arts and Humanities

Dance

DANCE

Dance

4 courses required

Music

MUSIC

MUSIC

4 credits required

Social Studies

Social Studies

Social Studies

5 credits required

Theatre

THEATRE

THEATRE

4 credits required

Visual Art

VISUAL ART

VISUAL ART

4 credits required

World Languages

World Languages

World Languages

4 credits required

Business and Industry

Agriculture, Food, and Natural Resources

Animal Science Pathway Students will have opportunity to complete pathway at James Reese Career and Technical Center in 12th grade

AGRICULTURE, FOOD, AND NATURAL RESOURCES

5 courses required

Architectural Drafting and Design Pathway

ARCHITECTURE AND CONSTRUCTION

4 courses required

HVAC and Sheet Metal Pathways is offered at James Reese Career and Technical Center

4 credits required

Arts, Audio/Video Technology, and Communications

Digital Communications Pathway offered at James Reese Career and Technical Center

ARTS, AUDIO/VIDEO TECHNOLOGY, AND COMMUNICATIONS

3 credits required

Business, Marketing and Finance

Accounting and Financial Services Pathway

BUSINESS, MARKETING, AND FINANCE

4 courses required

English — Journalism and Debate

ENGLISH — JOURNALISM AND DEBATE

ENGLISH — JOURNALISM AND DEBATE

3 credits required

Culinary Arts Pathway only offered at James Reese Career and Technical Center

HOSPITALITY AND TOURISM

3 credits required

Cosmetology Pathway is only offered at James Reese Career and Technical Center

4 credits required

Welding Pathway only offered at James Reese Career and Technical Center

Manufacturing

3 credits required

Automotive and Collision Repair Pathway only offered at James Reese Career and Technical Center

4 courses required

Engineering Academy

Engineering Academy

Students that have applied and been accepted into the Engineering Academy take the following courses.

Engineering Academy

6 courses required

Gifted and Talented Academy (Middle School)

Global Studies Academy

Global Studies Academy

Students selected for enrollment in the Global Studies Academy

Global Studies Academy

3 sub-requirements must be met

English

5 credits required

World Language

4 credits required

Social Studies

5 credits required

PROGRAMS OF STUDY

HHS DMA Academy Pathway

DMA Academy Course Pathway

DMA

DMA Academy Course Pathway

5 courses required

IBMA Academy KHS

IBMA Marketing Pathway at KHS

This program is for students accepted into the International Business and Marketing Academy at KHS

IBMA Marketing Pathway at KHS

6 courses required

IBMA Entrepreneurship Pathway at KHS

Students accepted into the IBMA program and have selected the Entrepreneurship pathway

IBMA Entrepreneurship Pathway at KHS

5 credits required

IBMA Academy THS

International Business & Marketing Academy at THS

Students that have been accepted into the IBMA Academy at THS

International Business & Marketing Academy at THS

5 credits required

PROGRAMS OF STUDY

Med Sci 2024-27

Med Sci Academy 24-27

This pathway is for students in the class of 2024-2027 that are enrolled in the Medical Science Academy at HHS

Med Sci Academy 24-27

6 courses required

Medical Science Academy Path c/o 2028 & Beyond

Biomedical Science

Students interested in a biomedical profession and are enrolled in the Medical Science Academy can choose this pathway.

Biomedical Science Pathway

6 courses required

Exercise Science, Wellness, & Restoration Pathway

For students accepted and enrolled in the Medical Science Academy that choose to follow this specific pathway.

Exercise Science, Wellness, & Restoration Pathway

6 courses required

MHS Early College High School

ECHS Multidisciplinary Pathway

The Early College High School exists to engage students interested in earning up to 60 dual credit hours toward an associate degree at no cost to students, increase college readiness, provide rigorous instruction and coursework and provide academic and social support. Admittance to this program requires an application and students are chosen in a blind lottery system.

ECHS Multidisciplinary Pathway

32 courses required

ECHS Science Pathway

The Early College High School exists to engage students interested in earning up to 60 dual credit hours toward an associate degree at no cost to students, increase college readiness, provide rigorous instruction and coursework and provide academic and social support. Admittance to this program is based on an application and a blind lottery system.

ECHS Science Pathway

32 courses required

Multidisciplinary Studies

4x4

FOUR CREDITS IN EACH OF THE FOUR FOUNDATION SUBJECT AREAS TO INCLUDE ENGLISH IV AND CHEMISTRY AND/OR PHYSICS; OR AP/ IB/DUAL CREDIT

4x4

4 sub-requirements must be met

English Course Options

4 courses required

Math Course Options

4 courses required

Science Course Options

4 courses required

Social Studies Course Options

4 courses required

AP/IB/Dual Credit

FOUR CREDITS IN AP, IB, OR DUAL CREDIT SELECTED FROM ENGLISH, MATHEMATICS, SCIENCE, SOCIAL STUDIES, ECONOMICS, LANGUAGES OTHER THAN ENGLISH, OR FINE ARTS; OR ADVANCED COURSES

AP/IB/Dual Credit

4 credits required

Advanced Courses

With the Multi-Disciplinary endorsement, you can explore more than one career or academic Pathway, so your options remain more flexible. Many occupations require you to build knowledge from more than one endorsement. For example, nurses are classified primarily under the Public Service endorsement, but also have a strong Science, Technology, Engineering and Math

Advanced Courses

4 courses required

P-TECH at WHS: Computer Programming & Cyber Secr.

P-TECH at WHS: Computer Programming & Cyber Security

The Pathways in Technology Program exists to engage students interested in earning up to 60 dual credit hours toward an Associate in Applied Science degree at no cost to students, obtain industry certification, increase college readiness, provide rigorous instruction and coursework, and provide academic and social support.

P-TECH at WHS: Computer Programming & Cyber Security

19 courses required

P-TECH at WHS: Computer Programming & Cyber Security

The Pathways in Technology Program exists to engage students interested in earning up to 60 dual credit hours toward an Associate in Applied Science degree at no cost to students, obtain industry certification, increase college readiness, provide rigorous instruction and coursework, and provide academic and social support.

P-TECH at WHS: Computer Programming & Cyber Security

28 courses required

PROGRAMS OF STUDY

P-TECH Medical Assistant

P-TECH at Hightower High School: Medical Assistant

The Pathways in Technology Program exists to engage students interested in earning up to 60 dual credit hours toward an Associate in Applied Science degree at no cost to students, obtain industry certification, increase college readiness, provide rigorous instruction and coursework and provide academic and social support

P-TECH at Hightower High School: Medical Assistant

18 courses required

PROGRAMS OF STUDY

Public Service

Teaching and Training Pathway offered at James Reese Career and Technical Center

EDUCATION AND TRAINING

4 courses required

Diagnostic and Therapeutic Services Pathway

HEALTH SCIENCE

4 courses required

Health and Wellness Program of Study is offered at all Comprehensive High Schools.

HUMAN SERVICES

4 courses required

Junior Reserve Officers' Training Corps

JUNIOR RESERVE OFFICERS' TRAINING CORPS

JUNIOR RESERVE OFFICERS' TRAINING CORPS

4 credits required

Law Enforcement Pathway

LAW AND PUBLIC SERVICE

4 courses required

STEM

Cybersecurity

This program introduces students to the world of cybersecurity, focusing on the skills needed to protect computer systems, networks, and data from cyber threats. Students will learn how to identify and manage risks, troubleshoot security issues, and apply protective measures. The curriculum covers topics such as network security, ethical hacking, cryptography, and risk management.

Cybersecurity

4 courses required

Engineering Foundations

Engineering covers many fields and many skills. Engineers are scientists, inventors, designers, builders, and great thinkers. They push the boundaries of human knowledge and seek to better understand and improve the state of the world. If you enjoy identifying a problem, coming up with solutions, and turning ideas into reality, then Engineering may be the right career pathway for you.

Engineering

4 credits required

Bio-Medical

Biomedical Science Program of Study offered at James Reese Career and Technical Center

Health Science

5 courses required

Information Technology

Networking Systems Pathway only offered at James Reese Career and Technical Center

INFORMATION TECHNOLOGY

3 credits required

MATH

People who have a head for figures can use their skills to solve business problems, determine the probability of events like accidents or natural disasters, help people invest and plan for their future, and use statistical analysis to solve science, engineering, and other problems.

MATH

5 credits required & 3 sub-requirements must be met

Algebra I

1 credit required

Geometry

1 credit required

Algebra II

1 credit required

Computer scientists study information and decide how to represent, store, process, and relay information. Computer scientists use logical, computational thinking to develop systematic instructions for solving problems that may be applied to almost any field of work from manufacturing to healthcare.

PROGRAMMING AND SOFTWARE DEVELOPMENT

4 courses required

SCIENCE

Can you imagine a world without scientists? Advances in technology, cures for disease, even creating safe, more nutritious food are all the work of scientists. Science is all about innovation, discovery, and improving lives by developing knowledge about people, nature, the world, and the universe!

SCIENCE

5 credits required & 3 sub-requirements must be met

Biology

1 credit required

Chemistry

1 credit required

Physics

1 credit required

Courses

COURSE OFFERINGS

Elective

9GAO2 - Gsa Capstone

1 credits / Full year course / Grades: 12

This course integrates work students have completed through their required language courses, global studies courses, community service, enrichment events, and personal interest. Students select their own project topics on challenging global issues, and conduct research aimed to provide comprehensive solutions.

AV112 - Avid I

1 credits / Full year course / Grades: 9

In the 9th grade AVID elective course, students will work on academic, personal and communication goals, adjusting to the high school setting. Students will increase involvement in their school and community. There is an emphasis on analytical writing, focusing on personal goals and thesis writing. Student 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 skill and test-taking, note-taking, and research techniques. They will take an active role in field trip and guest speaker preparations and presentations. College research will include financial options and building their knowledge on colleges and careers of interest.

AV122 - Avid II

1 credits / Full year course / Grades: 10

During the 10th grade AVID elective course, students will refine the AVID strategies to meet their independent needs and learning styles. Students will continue to refine and adjust their academic learning plans and goals. As students increase the rigorous course load and school/community involvement, they will refine their time management and study skills accordingly. Students will expand their writing portfolio to include: analyzing prompts, supporting arguments and claims, character analysis and detailed reflections.

Students will also analyze various documents, in order to participate in collaborative discussions and develop leadership skills in those settings. Students will expand their vocabulary use, continuing to prepare for college entrance exams and preparation. Text analysis will focus on specific strategies to understand complex texts. Lastly, students will narrow down their college and careers of interest based on personal interests and goals.

AV132 - Avid III

1 credits / Full year course / Grades: 11

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 when they apply to four-year universities and confirm their postsecondary plans.

AV142 - Avid IV

1 credits / Full year course / Grades: 12

The 12th grade AVID Elective course is the second part in a junior/senior seminar course that focuses on the writing and critical thinking expected of first- and second-year college students. Students will complete a final research essay project with research skills gained 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.

CBU060 - Business Law

1 credits / 1 Semester / Grades: 10, 11, 12

Must be enrolled in the International Business and Marketing Academy

CBU090 - Virtual Business

0.5 credits / 1 Semester / Grades: 11, 12

Must be enrolled in the International Business and Marketing Academy

CBU100 - Business Management

1 credits / Full year course / Grades: 11, 12

CHS110 - Pharmacology

1 credits / Full year course / Grades: 11, 12

CHU040 - Lifetime Nutrition && Wellness

0.5 credits / 1 Semester / Grades: 10, 11, 12

Learn how to stay healthy for the rest of your life. This course explores the role of nutrients in the body and examines the long-term effects of food choices. Students will analyze current lifestyle habits that increase health risks, important food buying strategies, and investigate careers in nutrition. This technical laboratory course concentrates on nutrition, food choices, and food management skills for individuals and the family throughout the life cycle. Students will engage in a hands-on experience that will not only teach the fundamentals of food preparation, but also the fundamentals of good nutrition.

It is paired with Interpersonal Studies in the Spring semester.

CMA030 - Entrepreneurship

1 credits / Full year course / Grades: 11, 12, 10

In this course, students will learn the difference between civil and criminal law as they incorporate a broad base of knowledge that will assist them in making appropriate business decisions throughout their life. Topics include torts, contract law, personal and family law, negligence, insurance, real estate property and concepts regarding agencies and employment.

CST190 - Intro TO Eng Design

1 credits / Full year course / Grades: 9, 10, 11

Students in the Engineering Academy dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. Working both individually and in teams, students will design solutions to a variety of problems using 3D modeling software and use of an engineering notebook to document their work. This course aligns to an industry certification available to all students.

Must be enrolled in the Engineering Academy

CST210 - Aerospace Engineering

1 credits / Full year course / Grades: 11

This course propels student learning in the fundamentals of atmospheric and space flight. Explore the physics of flight and bring concepts to life by designing airfoils, propulsion systems, and rockets. Students will utilize industry-standard software while learning basic orbital mechanics and exploring robot systems through class created projects.

CST220 - Civil Eng && Arch

1 credits / Full year course / Grades: 11, 12

This course provides an overview into the fields of Civil Engineering and Architecture as students use state of-the-art software to solve real world problems and communicate solutions to hands-on projects and activities. Learners in this class are introduced to project planning, building design, site planning, project documentation and presentation. This course aligns to an industry certification available to all students.

CST270 - Eng Design && Dvpt

1 credits / Full year course / Grades: 12

The knowledge and skills students acquire throughout PLTW Engineering come together in Engineering Design and Development as they identify an issue to research, design, and test a solution to present to a panel of engineers. Students apply the professional skills they have developed by taking their project from design to completion, proving themselves ready to take on any post-secondary program or career.

EB112 - Brocst Jrn I

1 credits / Full year course / Grades: 9, 10, 11, 12

High school students enrolled in this course will apply and use their journalistic skills for production intended for a select audience. Students will learn the laws and ethical considerations that affect broadcast journalism; learn the role and function of broadcast journalism; critique and analyze the significance of visual representations; and learn to produce by creating a broadcast journalism product. Students will apply industry standard skills, technical and artistic, to productions including but not limited to news programming, documentaries, commercials, PSAs, and graphic design elements. Students in II and III will participate in project-based learning for production every grading period that demonstrates their leadership ability in class projects.

EB122 - Brocst Jrn II

1 credits / Full year course / Grades: 9, 10, 11, 12

High school students enrolled in this course will apply and use their journalistic skills for production intended for a select audience. Students will learn the laws and ethical considerations that affect broadcast journalism; learn the role and function of broadcast journalism; critique and analyze the significance of visual representations; and learn to produce by creating a broadcast journalism product. Students will apply industry standard skills, technical and artistic, to productions including but not limited to news programming, documentaries, commercials, PSAs, and graphic design elements. Students in II and III will participate in project-based learning for production every grading period that demonstrates their leadership ability in class projects.

EB132 - Brocst Jrn III

1 credits / Full year course / Grades: 9, 10, 11, 12

High school students enrolled in this course will apply and use their journalistic skills for a variety of purposes. Students will learn the laws and ethical considerations that affect broadcast journalism; learn the role and function of broadcast journalism; critique and analyze the significance of visual representations; and learn to produce by creating a broadcast journalism product. Journalism III satisfies the advanced English requirement except for Multidisciplinary Endorsement.

ED112 - Debate I

1 credits / Full year course / Grades: 9, 10, 11, 12

Debate and argumentation are widely used to make decisions and reduce conflict. In Debate I, II, III students will develop skills in argumentation and debate. Students will focus on current issues, develop sound critical thinking, and sharpen their communication skills. This course offers life-long skills for intelligently approaching controversial issues. Participation in debate tournaments may be required. To participate in tournaments, students must maintain a passing average in all other coursework. *Students who successfully complete the full year of Debate I will fulfill the FBISD speech requirement for graduation. Debate III satisfies the advanced English requirement except for Multidisciplinary Endorsement.

ED122 - Debate II

1 credits / Full year course / Grades: 9, 10, 11, 12

Debate and argumentation are widely used to make decisions and reduce conflict. In Debate I, II, III

students will develop skills in argumentation and debate. Students will focus on current issues, develop sound critical thinking, and sharpen their communication skills. This course offers life-long skills for intelligently approaching controversial issues. Participation in debate tournaments may be required. To participate in tournaments, students must maintain a passing average in all other coursework. *Students who successfully complete the full year of Debate I will fulfill the FBISD speech requirement for graduation. Debate III satisfies the advanced English requirement except for Multidisciplinary Endorsement.

ED132 - Debate III

1 credits / Full year course / Grades: 9, 10, 11, 12

Debate and argumentation are widely used to make decisions and reduce conflict. In Debate I, II, III students will develop skills in argumentation and debate. Students will focus on current issues, develop sound critical thinking, and sharpen their communication skills. This course offers life-long skills for intelligently approaching controversial issues. Participation in debate tournaments may be required. To participate in tournaments, students must maintain a passing average in all other coursework. *Students who successfully complete the full year of Debate I will fulfill the FBISD speech requirement for graduation. Debate III satisfies the advanced English requirement except for Multidisciplinary Endorsement.

EJ113 - Journalism

1 credits / Full year course / Grades: 9, 10, 11, 12

Students enrolled in Journalism write in a variety of forms for a variety of audiences and purposes. High school students enrolled in this course are expected to plan, draft, and complete written compositions on a regular basis, carefully examining their papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English. In Journalism, students are expected to write in a variety of forms and for a variety of audiences and purposes. Students will become analytical consumers of media and technology to enhance their communication skills. Students enrolled in Journalism will learn journalistic traditions, research self selected topics, write journalistic texts, and learn the principles of publishing.

EJ142 - Ind Study IN Journalism

1 credits / Full year course / Grades: 12

This course is intended as a fourth- year yearbook or newspaper course for students serving as the editor or assistant editor of those publications. Students enrolled in Independent Study in Journalism write in a variety of forms for a variety of audiences and purposes. High school students enrolled in this course are expected to plan, draft, and complete written communications on a regular basis, carefully examining their copy for clarity, engaging language, and the correct use of the conventions and mechanics of written English. Students will become analytical consumers of media and technology to enhance their communication skills. Published work of professional journalists, technology, and visual and electronic media are used as tools for learning as students create, clarify, critique, write, and produce effective communications. Students enrolled in Independent Study in Journalism will refine and enhance their journalistic skills, research self-selected topics, plan, organize, and prepare a project(s). This course satisfies the advanced English requirement except for Multidisciplinary Endorsement.

EL313 - Pra Wrt

1 credits / Full year course / Grades: 9, 10, 11, 12

This course allows high school students to develop the skills necessary for practical writing. It 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 and demonstrate the writing process through a variety of written texts.

EL332 - Creative Writing

1 credits / Full year course / Grades: 11, 12

Creative Writing, a rigorous composition course, asks high school students to demonstrate their skill in such forms of writing as fictional writing, short stories, poetry, and drama. 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 their own writing as well as the writing of others ensures that students completing this course are able to analyze and discuss published and unpublished pieces of writing, develop peer and self-assessments for effective writing, and set their own goals as writers. This course satisfies the advanced English requirement except for Multidisciplinary Endorsement.

EL411 - Humanities

1 credits / Full year course / Grades: 11, 12

Humanities is an interdisciplinary course in which students read widely to understand how different authors craft compositions for various aesthetic purposes. This course includes the study of major historical and cultural movements and their relationship to literature and other fine arts. In this rigorous course students demonstrate an in-depth understanding through discussions, journals, oral interpretations, and dramatizations. Students write frequently and create original presentations using a variety of media. This course satisfies the advanced English requirement except for Multidisciplinary Endorsement.

EL413P - Humanities (First Time Taken)

0.5 credits / 1 Semester / Grades: 10, 11, 12

An interdisciplinary survey of cultures focusing on the philosophical and aesthetic factors in human values with an emphasis on the historical development of the individual and society and the need to create.

EN132 - Jour News III

1 credits / Full year course / Grades: 9, 10, 11, 12

Students enrolled in Advanced Journalism: Newspaper II and III will communicate in a variety of forms such as print, digital, or online media for a variety of audiences and purposes. High school students are expected to plan, draft, and complete written and/ or visual communications on a regular basis, carefully examining their copy for clarity, engaging language, and the correct use of the conventions and mechanics of written English. In Advanced Journalism: Newspaper II and III students are expected to become analytical consumers of media and technology to enhance their communication skills. In addition, students will apply journalistic ethics and standards. Students enrolled in Advanced Journalism: Newspaper II and III will refine and enhance their journalistic skills, research self-selected topics, and plan, organize, and prepare a project(s) in one or more forms of media. Journalism III satisfies the advanced English requirement except for Multidisciplinary Endorsement. Please note: The Newspaper Course is being phased out but students currently in Newspaper I and II may still continue on their pathway. Newspaper I will not be offered in the 2024-25 school year. Consider other courses within the Journalism Pathway such as Yearbook or Broadcasting.

EP113 - Photo Jrm

1 credits / Full year course / Grades: 9, 10, 11, 12

Students enrolled in Photojournalism communicate in a variety of forms for a variety of audiences and purposes. High school students are expected to plan, interpret, and critique visual representation, carefully examining their product for publication. Students will become analytical consumers of media and technology to enhance their communication skills. High school students will study the laws and ethical considerations that impact photography. Students enrolled in this course will refine and enhance their journalistic skills and plan, prepare, and produce photographs for a journalistic publication, whether print, digital, or online media.

EY112 - Jour Year I

1 credits / Full year course / Grades: 9, 10, 11, 12

Students enrolled in Advanced Journalism: Yearbook I, II, III will communicate in a variety of forms such as print, digital, or online media for a variety of audiences and purposes. High school students are expected to plan, draft, and complete written and/ or visual communications on a regular basis, carefully examining their copy for clarity, engaging language, and the correct use of the conventions and mechanics of written English. In Advanced Journalism: Yearbook I, II, III students are expected to become analytical consumers of media and technology to enhance their communication skills. In addition, students will apply journalistic ethics and standards. Students enrolled in Advanced Journalism: Yearbook I, II, III will refine and enhance their journalistic skills, research self-selected topics, and plan, organize, and prepare a project(s) in one or more forms of media. Journalism III satisfies the advanced English requirement except for Multidisciplinary Endorsement.

EY122 - Jour Year II

1 credits / Full year course / Grades: 9, 10, 11, 12

Students enrolled in Advanced Journalism: Yearbook I, II, III will communicate in a variety of forms such as print, digital, or online media for a variety of audiences and purposes. High school students are expected to plan, draft, and complete written and/ or visual communications on a regular basis, carefully examining their copy for clarity, engaging language, and the correct use of the conventions and mechanics of written English. In Advanced Journalism: Yearbook I, II, III students are expected to become analytical

consumers of media and technology to enhance their communication skills. In addition, students will apply journalistic ethics and standards. Students enrolled in Advanced Journalism: Yearbook I, II, III will refine and enhance their journalistic skills, research self-selected topics, and plan, organize, and prepare a project(s) in one or more forms of media. Journalism III satisfies the advanced English requirement except for Multidisciplinary Endorsement.

EY132 - Jour Year III

1 credits / Full year course / Grades: 9, 10, 11, 12

Students enrolled in Advanced Journalism: Yearbook I, II, III will communicate in a variety of forms such as print, digital, or online media for a variety of audiences and purposes. High school students are expected to plan, draft, and complete written and/ or visual communications on a regular basis, carefully examining their copy for clarity, engaging language, and the correct use of the conventions and mechanics of written English. In Advanced Journalism: Yearbook I, II, III students are expected to become analytical consumers of media and technology to enhance their communication skills. In addition, students will apply journalistic ethics and standards. Students enrolled in Advanced Journalism: Yearbook I, II, III will refine and enhance their journalistic skills, research self-selected topics, and plan, organize, and prepare a project(s) in one or more forms of media. Students in II and III will create a project every grading period that demonstrates their leadership ability in class projects.

FP113 - Piano Technician I

1 credits / Full year course / Grades: 9, 10, 11, 12

Students enrolled in this new innovative program will learn the skills of tuning, repairing, and regulating pianos over four years, preparing students to pass the certification test of the Piano Technicians Guild. Students will learn the anatomy of the piano, basic tuning techniques, ear training to recognize pitch, frequency, and temperament. Financial literacy related to running a small business is introduced. This course is housed at Marshall High School. Students who wish to become part of the program should visit with their counselor for more information regarding the registration and transfer process. Dance Dance classes provide students with basic dance skills in ballet, tap, modern, improvisation, and jazz. Students will develop kinesthetic awareness and appreciation for the development of dance through the study of dance history. The various courses allow for the

varying abilities of all students so each can develop his/her skills at an appropriate pace, which will lead the student to develop self-confidence and an ongoing appreciation for dance as an art form. Students may be required to purchase some materials. Cost may vary depending on the level of study.

FP123 - Piano Technician II

1 credits / Full year course / Grades: 10, 11, 12

Students enrolled in this new innovative program will learn the skills of tuning, repairing, and regulating pianos over four years, preparing students to pass the certification test of the Piano Technicians Guild. Students will learn the anatomy of the piano, basic tuning techniques, ear training to recognize pitch, frequency, and temperament. Financial literacy related to running a small business is introduced. This course is housed at Marshall High School. Students who wish to become part of the program should visit with their counselor for more information regarding the registration and transfer process. Dance Dance classes provide students with basic dance skills in ballet, tap, modern, improvisation, and jazz. Students will develop kinesthetic awareness and appreciation for the development of dance through the study of dance history. The various courses allow for the varying abilities of all students so each can develop his/her skills at an appropriate pace, which will lead the student to develop self-confidence and an ongoing appreciation for dance as an art form. Students may be required to purchase some materials. Cost may vary depending on the level of study.

FP132 - Piano Technician III

1 credits / Full year course / Grades: 11, 12

Students enrolled in this new innovative program will learn the skills of tuning, repairing, and regulating pianos over four years, preparing students to pass the certification test of the Piano Technicians Guild. Students will learn the anatomy of the piano, basic tuning techniques, ear training to recognize pitch, frequency, and temperament. Financial literacy related to running a small business is introduced. This course is housed at Marshall High School. Students who wish to become part of the program should visit with their counselor for more information regarding the registration and transfer process. Dance Dance classes provide students with basic dance skills in ballet, tap, modern, improvisation, and jazz. Students will develop kinesthetic awareness and appreciation for the development of dance through the study of

dance history. The various courses allow for the varying abilities of all students so each can develop his/her skills at an appropriate pace, which will lead the student to develop self-confidence and an ongoing appreciation for dance as an art form. Students may be required to purchase some materials. Cost may vary depending on the level of study.

FP142 - Piano Technician Iv/Practicum

2 credits / Full year course / Grades: 12

Students enrolled in this new innovative program will learn the skills of tuning, repairing, and regulating pianos over four years, preparing students to pass the certification test of the Piano Technicians Guild. Students will learn the anatomy of the piano, basic tuning techniques, ear training to recognize pitch, frequency, and temperament. Financial literacy related to running a small business is introduced. This course is housed at Marshall High School. Students who wish to become part of the program should visit with their counselor for more information regarding the registration and transfer process. Dance Dance classes provide students with basic dance skills in ballet, tap, modern, improvisation, and jazz. Students will develop kinesthetic awareness and appreciation for the development of dance through the study of dance history. The various courses allow for the varying abilities of all students so each can develop his/her skills at an appropriate pace, which will lead the student to develop self-confidence and an ongoing appreciation for dance as an art form. Students may be required to purchase some materials. Cost may vary depending on the level of study.

GT111 - Gt Advstudies H

1 credits / Full year course / Grades: 9, 10, 11, 12

Through the GT Mentorship course, students develop college and career choices through engagement in professional skills, self-exploration, collaboration, critical thinking, and original research. This is a two-semester course. The first semester is a seminar that meets twice weekly in the evening. The first semester culminates in an independent, original research endeavor through which students report findings in the style of an academic journal. The second semester is a field experience in which students work one-on-one with a professional mentor in students' fields of interest at the mentors' work site. Throughout the Gifted and Talented Mentorship course, student independence, self-awareness, and high levels of communication are stressed. This

course requires all students to (1) travel to a central district location twice a week during the first semester seminar portion of the course, (2) spend a minimum of 5 hours per week at the mentorship site throughout second semester, and (3) plan, complete, and present a final product at a public forum at the end of the year. Students must provide their own transportation to the seminar class and mentorship site. Students will be required to be eligible for 7th period off-campus in the spring semester of senior year to work with their mentor at their mentorship site.

Must be identified for GT services and be invited to enroll in the course.

LP100 - Advanced Placement Seminar

1 credits / Full year course / Grades: 10, 11, 12

This College Board course engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Students learn to synthesize information from multiple sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. The course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

LP111 - College Transitions D

1 credits / 1 Semester / Grades: 9, 10, 11, 12

This course covers skills needed for a successful transition to a college level course by learning different models in learning strategies, strategic learning, cognition, and motivation.

LP201 - AP Research (Capstone)

1 credits / Full year course / Grades: 11, 12

AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Student's design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information.

M1111 - Multidisciplinary Studies I

1 credits / Full year course / Grades: 9, 10

M2111 - Multidisciplinary Studies II

1 credits / Full year course / Grades: 9, 10

M3111 - Multidisciplinary Studies III

1 credits / Full year course / Grades: 11, 12

M4111 - Multidisciplinary Studies IV

1 credits / Full year course / Grades: 11, 12

CMA040 - Sports && Entertainment Mktg

0.5 credits / 1 Semester / Grades: 10

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.

Must be enrolled in the International Business and Marketing Academy Program

CMA050 - Social Media Marketing

0.5 credits / 1 Semester / Grades: 10

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

EL431D - Humanities Dual Credit

1 credits / 1 Semester / Grades: 11, 12

AV7111 - AVID Grade 7

0 credits / Full year course / Grades: 7

The seventh-grade AVID (**Advancement Via Individual Determination)** Elective course builds upon the components of the AVID philosophy. Students will refine goals, work on intra-personal and interpersonal skills, as well as formal and informal speech. Students

will complete evaluations related to reading, writing, organization, and speaking, and begin considering audience, purpose, and form in their writing. Students will understand the roles of all members in assignments and collaborative lessons and will expand their knowledge bases of note-taking in relation to studying and test preparation. Students will be exposed to different field trips, guest speakers, and research, to increase their knowledge of college and career options.

Application and interview with approval by a campus committee

NC8979 - Pals

0 credits / Full year course / Grades: 8

Students learn and develop leadership skills in goal setting, communication, peer listening, group dynamics, project planning, and implementation. Students also investigate techniques and skills needed to provide programs to their peers that increase motivation, self-esteem, and student Involvement.

Application and interview with approval by a campus committee

FJ7899 - Introd Broad 7

0 credits / Full year course / Grades: 8, 7

An introduction to basic graphic design elements for digital media, along with video and audio production techniques will be applied to various project-based learning. Students will be introduced to creating, editing, and directing videos for school-wide communications.

Teacher recommendation required.

AV8111 - AVID Grade 8

0 credits / Full year course / Grades: 8

The eighth-grade AVID Elective course is the year of preparation for high school. Students will refine previous goals, focusing on their transition to high school as part of a college preparatory path. Their writing will focus on completing all steps of the writing process and varying style, word choice, vocabulary, structure, and voice. Other areas of focus include increasing the use of technology, building upon their test preparation and test-taking knowledge, analyzing text, and utilizing appropriate reading strategies in various settings. Students will become more involved

in the presentations of guest speakers and field Trips.

Application and interview with approval by a campus committee

FJ8877 - Journalism

0 credits / Full year course / Grades: 8

This course provides students the opportunity to learn skills necessary for school newspaper production and/or yearbook production, journalistic writing, editing, illustration, layout, distribution, and sales. A school newspaper/yearbook is produced by students in the class.

Teacher recommendation required.

FJ8899 - Advanced Broad 8

0 credits / Full year course / Grades: 8

This course teaches graphic design elements for digital media, along with video and audio production techniques in various project-based learning. This course will produce an in-school video/audio communication program.

Teacher recommendation and Intro to Broadcasting course required.

AV6111 - Avid Gd 6

0 credits / Full year course / Grades: 6

The sixth-grade AVID Elective course is an introduction to the AVID philosophy. Students will develop awareness of the values accompanying academic goals and success. The course will focus on building self-confidence and communication skills. Students will be exposed to reading strategies that will assist in vocabulary building and understanding a variety of texts, and will also focus on prewriting techniques, summary writing and structural components of note-taking. The students will increase college and career awareness through guest speaker presentations, field trip opportunities, and research.

LC4431 - Gt Ms Independent Study

0 credits / Full year course / Grades: 8, 6, 7

The Innovation Lab independent study elective course is designed for 6-8th grade students identified for GT services. This course offers a nontraditional learning experience in which gifted students can create an innovative product. Using the problem-based learning model, students will expand their knowledge by

investigating an area of interest and conducting in-depth research to solve a complex real-world problem.

ATH342 - Team Sport Officiating

1 credits / Full year course / Grades: 9, 10, 11, 12

Students enrolled in the Teams Sports Officiating Course learn rules and regulation of selected team sports developing skills in communication, decision making, conflict management which are needed to officiate team sport competitions. Working with coaches, players, other officials, and parents, the expectation is that by the end of the course students will have the ability to officiate at various levels and manage responsibilities that come with that role.

COURSE OFFERINGS

CTE

CAC010 - Principles OF Architecture

1 credits / Full year course / Grades: 9, 10

Principles of Architecture provides an overview of the various fields of architecture, interior design, and construction management. Classroom studies include topics such as safety, technology applications, environment, ethical and legal responsibility, employability skills, and career development. Problem solving, critical thinking, and reading technical drawings are emphasized throughout the course.

CAC070 - Architectural Design I

1 credits / Full year course / Grades: 10, 11

Continue the path toward a career in architecture, drafting, interior design, or landscape architecture with the experience earned through this course. Students will draft blueprints and architectural drawings and renderings to create residential and nonresidential scaled models.

CAG010 - Prin OF Agri, Food && Nat Res

1 credits / Full year course / Grades: 9, 10

In this introductory course, students will understand the significance of the Agriculture, Food, and Natural Resource industry. Classroom instruction includes the study of technical skills related to plant, soil, and animal systems as well as an understanding of food production and structural systems. Students also learn about agriculture organizations, leadership skills, and career development.

CAG030 - Small Animal Management

0.5 credits / 1 Semester / Grades: 10, 11

To prepare for careers in the field of animal science, students will learn skills related to small animals and their management. The study of small mammal systems, animal health and welfare, and industry career opportunities are an emphasis of this course.

CAG040 - Equine Science

0.5 credits / 1 Semester / Grades: 10, 11

Students will acquire knowledge and skills related to equine animals and their care. Learned topics include the study of various species and breeds, equine body systems, nutrition, health, and management.

CAG190 - Floral Design

1 credits / Full year course / Grades: 9, 10, 11, 12

This class will prepare students for careers in the floriculture industry. Students will gain knowledge of floral design and associated skills, including design principles, plant identification and classification, enterprise management skills, and employability characteristics. Students might be required to purchase some materials in some instances. A \$50 annual fee will be required. * This CTE course counts as a Fine Arts credit.

CAT010 - Prin OF Arts, Av Tech && Comm

1 credits / Full year course / Grades: 9

Students will be expected to design and present an effective product based on well-researched issues in order to thoughtfully propose suggested solutions to authoritative stakeholders. The outcome of the process and product approach is to provide students an authentic platform to demonstrate effective application of multimedia tools within the contexts of global communication and collaborative communities and appropriately share their voices to affect change that concerns their future. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts.

CAT140 - Graphic Design && Illus I

1 credits / Full year course / Grades: 10

Students will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design.

CAT380 - Professional Communications

0.5 credits / 1 Semester / Grades: 9, 10, 11, 12

Professional Communications blends written, oral, and graphic communication in a career-based environment. In this course students will read, write, edit, speak, and listen. Students will use software applications, manipulate graphics within documents and presentations, and conduct internet research to improve their interpersonal skills in a professional setting. *This CTE course fulfills the local graduation speech requirement.

CAT385 - Professional Communications Dc

0.5 credits / 1 Semester / Grades: 11, 12, 10

Application of communication theory and practice to the public speaking context, with emphasis on audience analysis, speaker delivery, ethics of communication, cultural diversity, and speech organizational techniques to develop students' speaking abilities, as well as ability to effectively evaluate oral presentations. Designed to develop proficiency in public speaking situations; emphasis on content, organization, and delivery of speeches for various occasions.

CBU010 - Prin of Bus, Marketing & Fin

1 credits / Full year course / Grades: 9, 10

Students will explore global markets, methods used for pricing goods and services, concepts of distribution, advertising, and personal finance. Emphasis is placed on creating an effective marketing mix and understanding personal financial management. Students will explore career opportunities in these fields.

CBU020 - Touch System Data Entry

0.5 credits / 1 Semester / Grades: 7, 8

This course will allow students to develop keyboarding skills and techniques. Students will use software applications to develop and format basic business documents as well as enhance reading, writing, computing, and communication skills applicable to a variety of industries.

This course counts for high school credit and toward the HS GPA and class rank. It is paired with Dollars and Sense in the Spring semester.

CBU02P - Touch System Data Entry DC

0.5 credits / 1 Semester / Grades: 10, 11, 12

Introduction to the analysis and utilization of data requirements and organization into normalized tables using the four normal forms of database design.

Enrolled in P-TECH WHS, HHS or ECHS at Marshall, TSI Ready in English and Math, Students in P-TECH at WHS must have successfully completed BCIS 1305 or ITSC 1309.

CBU030 - Business Info Mgmt I

1 credits / Full year course / Grades: 10, 11, 9

Students will develop software skills to create authentic word processing documents, spreadsheets, databases, and professional presentations. Skills

necessary for employment and basic problem solving are incorporated. This course aligns to an industry certification available to all students.

CBU03P - Business Information Mgmt I DC

1 credits / 1 Semester / Grades: 10, 11, 12

This course is an introduction to business applications with a focus on Microsoft programs.

Student must be enrolled in the Pathways in Technology program at WHS, and must be TSI ready in Math and English

CBU070 - Global Business

0.5 credits / 1 Semester / Grades: 11, 12

Must be enrolled in the International Business and Marketing Academy

CBU21P - P-TECH Mathematics for Business & Social Services

1 credits / 1 Semester / Grades: 12, 11

CBU22P - P-TECH BUSINESS MANAGEMENT

1 credits / 1 Semester / Grades: 10, 11, 12

Must be enrolled in the P-TECH program at HHS

CBUP1 - P-TECH MDCA 1321 Administrative Procedures DC

1 credits / 1 Semester / Grades: 10, 11, 12

Medical office procedures including appointment scheduling, medical records creation and maintenance, interpersonal communications, bookkeeping tasks, coding, billing, collecting, third party reimbursement, Credit arrangements, and computer use in the medical office.

CET010 - Principles OF Ed AND Training

1 credits / Full year course / Grades: 10

Principles of Education and Training is designed to introduce learners to the various careers available within the education and training program. Students will gain an understanding of the basic knowledge and skills essential to careers in education.

CET020 - Human Growth && Dvpt

1 credits / Full year course / Grades: 10, 11

Human Growth and Development is an examination of human development across the lifespan with emphasis on research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones through hands-on activities and discussion. The course covers material that is generally taught in a postsecondary, one-semester introductory course in developmental psychology or human development. This course aligns to an industry certification available to all students.

CFI050 - Accounting I

1 credits / Full year course / Grades: 11

Students will investigate accounting, including how it is impacted by industry standards and economic, financial, technological, international, social, legal, and ethical factors. Students will reflect on this knowledge as they record, classify, summarize, analyze, and communicate accounting information. Students will formulate and interpret financial information for use in management decision making.

CHO7P - ECHS/P-TECH Anatomy and Physiology I D

1.0 credits / Full year course / Grades: 10, 11, 12

Anatomy and Physiology I is the first part of a two-course sequence. It is a study of the structure and function of the human body including cells, tissues, and organs of the following systems: integumentary, skeletal, muscular, nervous, and special senses. Emphasis is on interrelationships among systems and regulation of physiological functions involved in maintaining homeostasis.

Must be enrolled in ECHS at MH, TSI ready and successfully passed Engl 1301 and either completed or concurrently enrolled in Engl 1302

CHS010 - Prin OF Health Science

1 credits / Full year course / Grades: 9, 10

This introductory course exposes students to the healthcare industry. Students will gain an overview of the healthcare industry including therapeutic and diagnostic services, health informatics, basic anatomy and physiology, medical terminology, and ethical and legal concerns of the industry. During this course of study, students will explore various professions within the medical field. *This CTE course counts as a Health credit for the class of 2022 and beyond.

CHS01Q - P-TECH Basic Health Professions Skills DC

0.5 credits / 1 Semester / Grades: 10, 11, 12

A study of concepts that serve as the foundation for health profession courses, including client care and safety issues, basic client monitoring and health documentation. Includes: emergency preparedness and response to basic medical emergencies. Must be enrolled in the P-TECH HHS program

CHS020 - Medical Terminology

1 credits / Full year course / Grades: 10

In this course, students learn the terminology and abbreviations specific to the healthcare field. They will explore terms related to medical procedures, human anatomy and physiology, and pathophysiology. A word building system is used to define and identify root words, prefixes, and suffixes.

CHS02P - P-TECH Medical Terminology

1 credits / 1 Semester / Grades: 10, 11, 12

A study and practical application of a medical vocabulary system. Includes structure, recognition, analysis, definition, spelling, pronunciation, and combination of medical terms from prefixes, suffixes, roots, and combining forms.

CHS080 - Medical Microbiology

1 credits / Full year course / Grades: 11, 12

CHS090 - Pathophysiology

1 credits / Full year course / Grades: 11, 12

Students study disease processes and how humans are affected. Emphasis is placed on prevention and treatment of disease. Students will differentiate between normal and abnormal physiology in laboratory and field investigations. This course is recommended for students interested in medically related careers.

*This CTE course counts as a science credit.

CHS1P - HCC Intro to Health Profession

1.0 credits / Full year course / Grades: 11, 12, 10

An overview of roles of various members of the health care system, educational requirements, and issues affecting the delivery of health care. Must be enrolled in the P-TECH HHS program

CHS21P - Medical Assistant

1 credits / 1 Semester / Grades: 11, 12

Must be enrolled in the P-TECH HHS program

CHS31P - P-TECH Medical Insurance

1 credits / 1 Semester / Grades: 10, 11, 12

Emphasizes medical office coding procedures for payment and reimbursement by patient or third-party payers for ambulatory care settings. Must be in the P-TECH program at HHS

CHS41P - P-TECH Procedures in a Clinical Setting

1 credits / 1 Semester / Grades: 11, 12

Emphasis on patient-centered assessment, examination, and treatment as directed by physician. Includes vital signs, collection and documentation of patient information, asepsis, office clinical procedures, and other treatments as appropriate for the ambulatory care settings. Must be in the P-TECH program at HHS

CHS5P - Medical Assistant Credentialing Exam Review (DC)

2 credits / Full year course / Grades: 11, 12

Must be in the HHS P-TECH Program

CHS8P - Practicum Medical Assistant (scribes)

2 credits / Full year course / Grades: 11, 12

Practical, general workplace training supported by an individualized learning plan developed by the employer, college, and student.

CHU010 - Principles OF Human Services

1 credits / Full year course / Grades: 9, 10, 8

Students will investigate different careers that involve helping and serving people. This course provides hands-on experience in the career fields of counseling and mental health, early childhood development, family and community services, fashion and interior design, and entrepreneurial pathways. Students will also develop strong career traits in management, budgetary practices, and nutrition.

CHU020 - Dollars AND Sense

0.5 credits / 1 Semester / Grades: 7, 8

Dollars and Sense focuses on consumer practices and responsibilities, money-management processes, decision making skills, and impact of technology. The

student demonstrates management of individual and family resources such as finances, food, clothing, shelter, health care, recreation, transportation, time, and human Capital.

This course counts for high school credit and toward the HS GPA and class rank. It is paired with Touch System Data Entry in the Fall semester.

CHU030 - Interpersonal Studies

0.5 credits / 1 Semester / Grades: 10, 11, 12

This course examines how the relationships between individuals and among family members significantly affect the quality of life. Students will learn essential principles of personal development, decision-making, family life cycle, and stress management through hands-on projects. Students will investigate the roles and the influences of families, peers, and technology on relationships. They will explore adulthood, including marriage and family roles, friendship development and influences of peers, values, and cultural awareness. Course content includes career preparation and planning, consumer roles, decision-making, rights and responsibilities, and personal hygiene.

This course counts for high school credit and toward the HS GPA and class rank. It is paired with Lifetime Nutrition & Wellness in the Fall semester.

CHU050 - Counseling & Mental Health

1 credits / Full year course / Grades: 12

In Counseling and Mental Health, students explore the knowledge and skills necessary to pursue a counseling and mental health career through simulated environments. Students are expected to apply knowledge of ethical and legal responsibilities, limitations on their actions and responsibilities, and the implications of their actions. Students understand how professional integrity in counseling and mental health care is dependent on acceptance of ethical and legal responsibilities.

CHU120 - Introduction TO Cosmetology

1 credits / Full year course / Grades: 10

In Introduction to Cosmetology, students coordinate the integration of academic, career, and technical knowledge and skills in this laboratory instructional sequence course designed to provide job-specific training for employment in cosmetology careers. Students will attain academic skills and knowledge as

well as technical knowledge and skills related to cosmetology. Analysis of career opportunities, license requirements, knowledge and skills expectations, and workplace skills development are included. The student demonstrates professional standards/employability skills required by business and industry. The student applies academic skills to the field of cosmetology. The student demonstrates knowledge of the rules and regulations established by the Texas Department of Licensing and Regulation (TDLR). Students must accrue 350 to 400 hours each year to be on track to accumulate the 1000 hours required by the end of Cosmetology II. Students will be expected to participate in activities outside the regular school day to gain additional opportunities to practice skills and earn hours.

CIT030 - Comp Maint/Comp Maint Lab

2 credits / Full year course / Grades: 11

Students will learn to install, configure, upgrade, and perform computer maintenance with respect to security using appropriate tools. Students acquire practical knowledge of system setup, diagnostic procedures and troubleshooting techniques. This course aligns to an industry certification available to all students.

CLP010 - Prin OF Law, P Saf, Cor, && Sec

1 credits / Full year course / Grades: 9, 10

Principles of Law, Public Safety, Corrections, and Security introduces students to professions in law enforcement, security, corrections, and fire and emergency management services. Students will examine the roles and responsibilities of police, courts, private security, and protective agencies. This course provides students with an overview of the skills necessary for careers in these areas.

CLP020 - Law Enforcement I

1 credits / Full year course / Grades: 10

Law Enforcement I is an overview of the history, organization, and functions of local, state, and federal law enforcement. This course includes the role of constitution law, the United States legal system, criminal law, law enforcement terminology, and the classification and elements of crime.

CMN020 - Introduction TO Welding

1 credits / Full year course / Grades: 11

Students will learn the skills and techniques in welding with an emphasis on basic welding laboratory principles and operating procedures. Students will learn the three basic welding processes. Introduction to Welding will provide students with the knowledge, skills, and technologies required for employment in welding industries.

CST010 - Principles OF Applied Eng

1 credits / Full year course / Grades: 9, 10

Students will learn to draft and model engineering solutions through a study of emerging engineering technologies. By utilizing engineering communication skills, students will present conclusions, findings, and designs using a variety of media. Students will work on collaborative design teams to develop, test, and communicate solutions to address various real-world problems. Upon completing this course, students will understand various fields of engineering and be able to make informed career decisions.

CST050 - Eng Design && Pres I

1 credits / Full year course / Grades: 10, 11

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 various computer hardware and software applications to complete assignments and projects. This course aligns to an industry certification available to all students.

CST140 - Eng Des && Prob Solving

1 credits / Full year course / Grades: 12

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. This course is intended to stimulate students' ingenuity, intellectual talents, and practical skills in devising solutions to engineering design problems in a project-based learning environment. Students use the engineering design process cycle to investigate, design, plan, create, and evaluate solutions. At the same time, this course fosters awareness of the social and ethical implications of technological development.
*This CTE course counts as a science credit.

CST150 - Engineering Science

1 credits / Full year course / Grades: 11

Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. *This CTE course counts as a science credit.

CST1P - HCC Biology 1306/1106 (ECHS/P-TECH)

0.5 credits / 1 Semester / Grades: 10, 11, 12

Emphasis on normal human anatomy and physiology of cells, tissues, organs, and systems with overview of common pathophysiology.

Must be enrolled in P-TECH or ECHS program, and be TSI ready in Math and English

CST1P - P-TECH Unix Operating Systems I D

1.0 credits / Full year course / Grades: 11, 12, 10

A study of the UNIX operating system including multi-user concepts, terminal emulation, use of system editor, basic UNIX commands, and writing script files. Topics include introductory systems management concepts.

Enrolled in P-TECH WHS, TSI Ready in English and Math, Successfully completed COSC 1436 or Department Approval

CST200 - Engineering Science

1 credits / Full year course / Grades: 10, 11, 12

Students in the Engineering Academy, through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

CST22P - P-TECH Fundamentals of Networking Technologies

1 credits / 1 Semester / Grades: 11, 12

Instruction in networking technologies and their implementation. Topics include the OSI reference model, network protocols, transmission media, and

networking hardware and software. Must be enrolled in the P-TECH WHS program

Enrolled in P-TECH WHS. TSI Ready in English and Math/high school computer literacy or equivalent

CST280 - Fundamentals OF Computer Sci

1 credits / Full year course / Grades: 8

Fundamentals of Computer Science will foster student creativity and innovation by presenting opportunities to design, implement, and present solutions to real-world problems. Students will collaborate and use computer science concepts to access, analyze, and evaluate information needed to solve problems. Students will work with HTML, Scratch, Python, or JavaScript programming languages. Participation in this course satisfies the level one course requirement of the Programming and Software Development Pathway in the STEM program area.

This course counts for high school credit and toward the HS GPA and class rank.

CST290 - Cmp Sci I AAC

1 credits / Full year course / Grades: 9, 10

The focus of this course is to develop foundational computational practices and computer programming designs that support an inquiry approach to solving problems and creating artifacts. This course may be used to satisfy one LOTE credit requirement for graduation. This course aligns to an industry certification available to all students. This course fulfills the Engineering Academy computer science course requirement.

CST2P - Scientific Research and Design

0.5 credits / 1 Semester / Grades: 10, 11, 12

Instruction in networking technologies and their implementation. Topics include the OSI reference model, network protocols, transmission media, and networking hardware and software.

Must be enrolled in P-TECH or ECHS program, be TSI ready in Math and English, and have successfully completed HCC Biology 1308 to take Biology 1309, and HCC Biology 1306 for Biology 1407 CHEM 1301 requires the completion of FBISD Chemistry and have completed or enrolled in College Algebra Math 1314

CST2P - P-TECH Program Fundamentals

1.0 credits / Full year course / Grades: 10, 11

Introduces the fundamental concepts of structured programming and provides a comprehensive introduction to programming for computer science and technology majors. Topics include software development methodology, data types, control structures, functions, arrays, and the mechanics of running, testing, and debugging. This course assumes computer literacy.

Students must be TSI ready in Math and English

CST300 - AP Computer Science Principle

1 credits / Full year course / Grades: 9, 10, 11, 12

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. This course may be used to satisfy LOTE requirement for graduation. This course fulfills the Engineering Academy computer science course requirement.

CST310 - AP Computer Science A-Math

1 credits / Full year course / Grades: 9, 10

Computer Science A (AP) is an introductory college-level programming course for students who are interested in a career in math or science fields such as software design, engineering, game design, or computer science. The course focuses on programming methodology, data types, object-oriented programming, and algorithms in preparation for the Computer Science AP exam. This course satisfies one credit of Advanced Math and one credit of LOTE requirement for graduation.

CST320 - AP Computer Science A-Lote

1 credits / Full year course / Grades: 10, 9

Computer Science A (AP) is an introductory college-level programming course for students who are interested in a career in math or science fields such as software design, engineering, game design, or computer science. The course focuses on programming methodology, data types, object-oriented programming, and algorithms in preparation for the Computer Science AP exam. This course satisfies one credit of Advanced Math and one credit of LOTE requirement for graduation.

CST33 - P-TECH Information Technology Security

1.0 credits / Full year course / Grades: 10, 11, 12

Instruction in security for network hardware, software, and data, including physical security; backup procedures; relevant tools; encryption; and protection from viruses. Must be enrolled in the P-TECH WHS program

Enrolled in P-TECH WHS and TSI Ready in English and Math

CST34P - Indep. Study. Tech 3rd Time

1 credits / 1 Semester / Grades: 11, 12

Must be enrolled in the P-TECH WHS program

CST350 - Computer Science III

1 credits / Full year course / Grades: 10, 11

Computer Science III provides students with an in-depth look at advanced topics in computing, such as dynamic data structures, algorithm efficiency, digital logic, and advanced recursion. This course is a continuation for those students who are interested in a career in math or science fields such as software design, engineering, game design, research or computer science. This course may be used to satisfy LOTE requirement for graduation.

CST360 - Comp Sci-Ind Study H

1 credits / Full year course / Grades: 12

Students will plan and produce projects involving programming techniques. Projects may focus on advanced data structures, mobile applications, robotics, graphics, and/or game theory. Students will focus on creating products used in real world applications. This course will prepare students for postsecondary work in a computer science related field.

CST6P - P-TECH Advanced Web Programming

1.0 credits / Full year course / Grades: 12

Web programming using industry-standard languages and data stores. Must be enrolled in the P-TECH WHS program

Must be enrolled in P-TECH WHS, be TSI ready, and successfully taken COSC 1437

CST7P - P-TECH Comprehensive Software Project

1 credits / 1 Semester / Grades: 12

A comprehensive application of skills learned in previous semesters in a simulated workplace. Includes coding, testing, maintenance, and documentation of a complete software and/or hardware solution. This course may be used as a capstone course for a certificate or degree.

TA534P - P-TECH Intermediate Web Programming

1 credits / 1 Semester / Grades: 10, 11, 12

Server-side and client-side techniques for Web development. Must be in the P-TECH program

Enrolled in P-TECH WHS, TSI Ready in English and Math, Successfully completed COSC 1436

CHS11P - Pharmacology Dual Credit

1 credits / 1 Semester / Grades: 11, 12

Instruction in concepts and application of pharmacological principles. Focuses on drug classifications, principles and procedures of medication administration, mathematical systems and conversions, calculation of drug problems, and medico-legal responsibilities of the medical assistant.

CST211 - Engineering Essentials

1 credits / Full year course / Grades: 10

Students explore the work of engineers and their role in the design and development of solutions to realworld problems. Students are introduced to engineering concepts applicable across multiple engineering disciplines. They are empowered to build technical skills using a variety of engineering tools. Students learn and apply the engineering design process to develop mechanical, electronic, process, and logistical solutions to relevant problems across a variety of industry sectors. Using PLTW's activity-, project-, problem based (APB) instructional approach, students advance from completing structured activities to solving open-ended projects and problems that provide opportunities to develop planning and technical documentation skills and in-demand, transportable skills, such as problem solving, critical and creative thinking, collaboration, communication, and ethical reasoning. The course emphasizes statistical analysis and mathematical modeling - computational methods commonly used in engineering problem-solving.

CAG123 - Livestock and Poultry Production

1 credits / Full year course / Grades: 11

Students will develop knowledge and skills pertaining to the nutrition, reproduction, and health of production animals. The study of livestock management including animal physiology and care is covered throughout this course.

CAG063 - Advanced Animal Science

1 credits / Full year course / Grades: 12

Advanced Animal Science examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction allows for the application of scientific and technological aspects of animal science through field and laboratory experiences. *This CTE course counts as a science credit.

CAC062 - Comp. Aided Drftng Arch

1 credits / Full year course / Grades: 11

Computer Aided Drafting for Architecture introduces students to the specific architectural computer aided design and drafting (CADD) software and equipment required to produce architectural working drawings and construction documents.

CAC081 - Architectural Design II

2 credits / Full year course / Grades: 12

In Architectural Design II, students will gain advanced knowledge and skills needed to enter a career in architecture or prepare for a postsecondary degree in architecture, construction science, drafting, interior design, or landscape architecture. Architectural Design II includes the advanced knowledge of design history, techniques, and tools related to the production of drawings and renderings, and scaled models for residential and nonresidential architectural purposes. This course aligns to an industry certification available to all students.

CFI031 - Securities AND Investments

1 credits / Full year course / Grades: 12

In Securities and Investments, students will understand the laws and regulations to manage business operations and transactions in the securities industry. Students will investigate personal and business operations and transactions and explore security and investment licensing and certification programs.

CHS131 - Health Science Theory

1 credits / Full year course / Grades: 12, 11

Health Science Theory is designed to provide for the development of advanced knowledge and skills as they relate to a wide variety of health careers. Students will employ hands-on learning experiences to reinforce the skills commonly used in today's healthcare industry. This course aligns to an industry certification available to all students.

CLP031 - Law Enforcement II

1 credits / Full year course / Grades: 11

Law Enforcement II is designed to give the student insight into the areas of emergency communications, ethical and legal responsibilities, and courtroom testimony topics. This course aligns to an industry certification available to all students.

CLP042 - Forensic Science

1 credits / Full year course / Grades: 11, 12

Forensic Science is the application of science and how it applies to matters of the law. Forensic Science is a course that uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scenes, while collecting and analyzing evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis. Students will learn the history, legal aspects, and career options for forensic science. *This CTE course counts as a science credit.

CAT111 - Pract IN Audio/Videoproduction

2 credits / Full year course / Grades: 12

Students will be expected to develop an increasing understanding of the industry with a focus on applying preproduction, production, and postproduction audio and video products in a professional environment. This course may be implemented in an advanced audio/video or audio format. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

CET022 - Child Development

1 credits / Full year course / Grades: 10

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.

CET031 - Instructional Practices

2 credits / Full year course / Grades: 11

Instructional Practices is a program that provides students with background knowledge of child and adolescent development, as well as principles of effective teaching and training practices. Students work under the joint direction and supervision of a teacher with knowledge of early childhood, middle childhood, and adolescent education. Students 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, paraprofessionals, or other educational personnel. This course aligns to an industry certification available to all students.

CET041 - Prac IN Education AND Training

2 credits / Full year course / Grades: 12

Practicum in Education and Training is a field-based internship that provides students background knowledge of child and adolescent development principles, as well as principles of effective teaching and training practices. Students in the course work under the joint direction and supervision of a teacher with knowledge of early childhood, middle childhood, and adolescence education and/or exemplary educators in direct instructional roles with elementary, middle, and high school aged students. Successful completion of ALL courses in the Teaching and Training Pathway and approved post-secondary coursework MAY lead to a FBISD letter of intent (LOI) for future employment. This course aligns to an industry certification available to all students.

CHT041 - Advanced Culinary Arts

2 credits / Full year course / Grades: 11

Advanced Culinary Arts will extend and enhance the laboratory-based skills introduced in Culinary Arts. This class emphasizes the principles of planning, organizing, staffing, directing, and managing a variety

of food service operations. Students gain insight into the marketing and management operations of restaurants and other food and beverage industries.

CHT051 - Prac Culry Arts 1st Time Taken

2 credits / Full year course / Grades: 12

This course is designed to give students relevant and supervised on-the job training in quality food preparation and presentation skills. Through school and work-based lab instruction, students apply advanced culinary techniques relevant to all aspects of a food service operation.

CHU131 - Cosmetology I

2 credits / Full year course / Grades: 11

In Cosmetology I, students coordinate integration of academic, career, and technical knowledge and skills in this laboratory instructional sequence course designed to provide job-specific training for employment in cosmetology careers. Instruction includes sterilization and sanitation procedures, hair care, nail care, and skin care and meets the TDLR requirements for licensure upon passing the state examination. Analysis of career opportunities, license requirements, knowledge and skills expectations, and development of workplace skills are included. Students must accrue 350 to 400 hours each year to be on track to accumulate the 1000 hours required by the end of Cosmetology II. Students will be expected to participate in activities outside the regular school day to gain additional opportunities to practice skills and earn hours.

CHU141 - Cosmetology II

2 credits / Full year course / Grades: 12

Students will continue to acquire certification clock hours and must complete 1,000 clock hours by the end of this course to be eligible for licensure. Students will be expected to participate in activities outside the regular school day to gain additional opportunities to practice skills and earn hours. The development of advanced skills is earned through instruction in sterilization and sanitation processes as well as progressive hair, nail, and skin care practices which meet the TDLR requirements for licensure upon passing the state examination at the end of this course.

CIT012 - Internetworking Technologies I

1 credits / Full year course / Grades: 11

Students will develop computer literacy skills to adapt to emerging technologies used in the global marketplace. Students will implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. Students will enhance reading, writing, computing, communication, and reasoning skills and apply them to the information technology environment.

CIT051 - Networking/Networking Lab

2 credits / Full year course / Grades: 11

This laboratory-based course provides learners with a better understanding of telecommunications and data networking technologies. Students actively participate in learning types of configurations and upgrading, recognizing the many network components, and developing and implementing a network design plan. This course aligns to an industry certification available to all students.

CTS011 - Small Engine Technology I

1 credits / Full year course / Grades: 10

Small Engine Technology I includes knowledge of the function and maintenance of the systems and components of all types of small engines such as outdoor power equipment, motorcycles, generators, and irrigation engines. This course is designed to provide training for employment in the small engine technology industry. Instruction includes the repair and service of cooling, air, fuel, lubricating, electrical, ignition, and mechanical systems. In addition, the student will receive instruction in safety, academic, and leadership skills as well as career opportunities.

CTD091 - Automotive Technology I

2 credits / Full year course / Grades: 11

In this course, students study the principles of vehicle maintenance. Topics include automotive history, safety practices, shop equipment and tools, vehicle subsystems, professional responsibilities, and basic maintenance. Students learn to diagnose and actively participate in the repair of automotive brake systems.

CTD101 - Automotive Technology II

2 credits / Full year course / Grades: 12

Advanced knowledge of automotive technology service is acquired through this course. Students will engage in hands-on diagnosis and repair of automotive suspension and steering systems including

electronically controlled systems. Learned techniques include component repair, alignment procedures, and tire and wheel service. This course aligns to an industry certification available to all students.

CHS01R - Principles OF Health Science

1 credits / Full year course / Grades: 10

This introductory course exposes students to the healthcare industry. Students will gain an overview of the healthcare industry including therapeutic and diagnostic services, health informatics, basic anatomy and physiology, medical terminology, and ethical and legal concerns of the industry. During this course of study, students will explore various professions within the medical field. *This CTE course counts as a Health credit for the class of 2022 and beyond.

CHS7R - Anatomy AND Physiology

1 credits / Full year course / Grades: 11

Anatomy and Physiology extends a student's knowledge and understanding of the human body in respect to its structure and function. This lab-oriented class teaches proper dissection techniques and various physiological phenomena and is recommended for students interested in medically related careers. *This CTE course counts as a science credit.

CHS051 - Practicum in Health Science

2 credits / Full year course / Grades: 12

The Practicum in Health Science course is designed to give students 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 healthcare industry is comprised of diagnostic, therapeutic, health informatics, support services, and biotechnology research and development systems that function individually and collaboratively to provide comprehensive health care. Students recognize the employment opportunities, technology, and safety requirements of each system. Students are expected to apply the knowledge and skills necessary to pursue a health science certification or licensure through further education and employment. This course aligns to an industry certification available to all students.

CMA045 - Entrepreneurship II

1 credits / Full year course / Grades: 11

Global Business teaches 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.

CMA220 - Practicum IN Entrepreneurship

2 credits / Full year course / Grades: 12

Virtual Business is designed for students to learn about creating a web presence, conducting online and off-line marketing, examining contracts appropriate for online businesses, and demonstrating project management skills to simulate the start of a virtual business. Students will demonstrate bookkeeping skills, maintain business records, and understand legal issues associated with a virtual business.

CMA160 - Advanced Marketing

2 credits / Full year course / Grades: 11

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

Must be enrolled in the International Business and Marketing Academy Program

CMA200 - Pract IN Maktng 1st Time Taken

2 credits / Full year course / Grades: 12

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. Students will integrate skills from academic subjects, information technology, interpersonal communication, and management training to make responsible decisions.

Must be enrolled in the International Business and Marketing Academy

CHS200CTE - Principles of Biomedical Science (PTLW)

1 credits / Full year course / Grades: 9

CHS220 - Human Body Systems (PLTW)

1 credits / Full year course / Grades: 10

Students examine the interactions of body systems as they explore deeply biological identity, communication, power, movement, protection, and homeostasis. Through individual and team activities, projects, and problems, students design experiments, investigate the structures and function of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary actions, and respiration.

CHS230 - Medical Interventions

1 credits / Full year course / Grades: 11

In the Medical Interventions (MI)-PLTW course students investigate the variety of interventions involved in the prevention, diagnosis, and treatment of disease as they follow the lives of a fictitious family. Through these scenarios students will be exposed to the wide range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. Each family case scenario will introduce multiple types of interventions; reinforce concepts learned in the previous two courses, and present new content. Interventions may range from simple diagnostic tests to treatment of complex diseases and disorders. These interventions will be showcased across the generations of the family and will provide a look at the past, present, and future of biomedical science. Lifestyle choices and preventive measures are emphasized throughout the course as well as the important role that scientific thinking and engineering design play in the development of interventions of the future.

CHS221 - AAC Biomedical Innovation (PTLW)

1 credits / Full year course / Grades: 12

Students will be asked to apply what they have learned in the previous three courses to solve unique problems in science, medicine, and healthcare. Students will work systematically through required problems before completing optional directed problems or independent work.

CHS191 - Kinesiology I

1 credits / Full year course / Grades: 10

This course is designed to introduce students to the basic concepts of kinesiology. Students will gain an understanding of body mechanics, physiological

functions of muscles and movements, the history of kinesiology, and the psychological impact of sports and athletic performance. Students will also explore careers within the kinesiology field and be able to explain the societal demand for kinesiology-related jobs. Students will develop a foundation in Kinesiology I that will prepare them for upper-level courses that will dive deeper into the anatomical and physiological functions of the body and provide opportunities for an industry certified exam such as a certified personal trainer.

CHS222 - AAC Kinesiology II

1 credits / Full year course / Grades: 11

The Kinesiology II course is designed to provide students an advanced level of knowledge, skills, and understanding of body composition and the effect on health, nutritional needs of physically active individuals, qualitative biomechanics, application of therapeutic modalities, appropriate rehabilitation services, and aerobic training intensity programs. The course is designed to allow students to advance their understanding of professional standards, employability skills, and ethical and legal standards. Throughout this course, students explore the healthcare/exercise business model and gain an understanding of therapeutic sports psychology. Students develop proper aerobic fitness programs and rehabilitation programs.

LC8012 - Robotics & Engineering II

0 credits / Full year course / Grades: 8, 7

Robotics & Engineering II offers students the opportunity to study concepts in a problem-based, hands-on environment, utilizing the Engineering Design Process. Unit studies may include the following concepts: robotics careers, advanced robotics, sensors and circuits, gaming peripherals, turbine design, physics concepts, space exploration, advanced coding, mechanical and electrical engineering, and human flight.

Robotics & Engineering I course

LC7011 - Robotics & Engineering I

0 credits / Full year course / Grades: 8, 6, 7

Robotics & Engineering I offers students the opportunity to study concepts in a problem-based, hands-on environment, utilizing the Engineering Design Process. Unit studies may include the following

concepts: computational thinking, machines, force and motion, basic circuitry, electricity, energy transformations, and rocketry.

CTE021 - Career and College Exploration

0 credits / Full year course / Grades: 8, 7

The goal of Career and College Exploration is to help students build career awareness and engage in deep exploration and study of the Texas CTE career clusters to create a foundation for success in high school, possible post secondary studies, and careers. The career development process is unique to every person and evolves throughout one's life. In Career and College Exploration, students use decision-making and problem-solving skills for individual career and academic planning. Students explore valid, reliable educational and career information to learn more about themselves and their interests and abilities. Students integrate skills from academic subjects, information technology, and interpersonal communication to make informed decisions. This course is designed to guide students through the process of investigating and developing a college and career readiness plan. Students use aptitude and interest inventory assessments, labor market information, software, or other tools available to explore a variety of career paths, especially those in demand. Students will begin mapping their anticipated secondary coursework and potential postsecondary experiences that are in alignment with their Goals.

CAT171 - Graphic Design && Illustration2

2 credits / Full year course / Grades: 11

CAT181 - Pract IN Gr Design && Illustrtn

2 credits / Full year course / Grades: 12

CHS200 - Principles OF Biomedical Scien

1 credits / Full year course / Grades: 9

CMA044 - Entrepreneurship II

2 credits / Full year course / Grades: 11

CST2PC - P-TECH Program Fundamentals I

1 credits / 1 Semester / Grades: 11, 12

Introduces the fundamental concepts of structured programming and provides a comprehensive introduction to programming for computer science and technology majors. Topics include software development methodology, data types, control structures, functions, arrays, and the mechanics of

running, testing, and debugging. This course assumes computer literacy.

CST35P - P-TECH Program Fundamentals II

1 credits / 1 Semester / Grades: 10, 11, 12

This course focuses on the object-oriented programming paradigm, emphasizing the definition and use of classes along with fundamentals of object-oriented design. The course includes basic analysis of algorithms, searching and sorting techniques, and an introduction to software engineering processes. Students will apply techniques for testing and debugging software. Must be in the P-TECH program

CST3PD - P-TECH Introduction to Dev. Ops

0.5 credits / 1 Semester / Grades: 12

Further applications of programming techniques, introducing the fundamental concepts of data structures and algorithms. Topics include recursion, fundamental data structures (including stacks, queues, linked lists, hash tables, trees, and graphs), and algorithmic analysis. Must be in the P-TECH program

TA513P - P-TECH Fundamentals of Cloud Computing

1 credits / 1 Semester / Grades: 11, 12

Introduction to Cloud computing from a business and technical perspective, including Cloud concepts, services, architecture, system integration, connectivity, data center migration, administration, security, compliance and technical support. Coverage includes preparation for industry certifications. Topics may adapt to changes in industry practices.

TA53P - P-TECH Beginning Web Programmin

1.0 credits / Full year course / Grades: 10, 11, 12

Skills development in web programming including mark-up and scripting languages.

TA610 - P-TECH Computer Programming-Swift I DC

0.5 credits / 1 Semester / Grades: 10, 11

Introduction to computer programming with emphasis on the fundamentals of structured design, development, testing, implementation, and documentation. Includes language syntax, data and file structures, input/output devices, and files.

CMA012 - Marketing

1 credits / Full year course / Grades: 10

Students will demonstrate knowledge in hands-on projects which may include conducting research, creating a promotional plan, pitching a sales presentation, and introducing an idea for a new product/service

Must be in the International Business and Marketing Academy

CIT14R - Foundations OF Cybersecurity

1 credits / Full year course / Grades: 10, 11, 12

CMA011 - Marketing

1 credits / Full year course / Grades: 10

CLP24I - Forensic Sci Incl

1 credits / Full year course / Grades: 11, 12

CLP24R - Forensic Science Reese

1 credits / Full year course / Grades: 11, 12

CLP2RI - Forensic Science

1 credits / Full year course / Grades: 11, 12

COURSE OFFERINGS

English Language Arts

EL111 - Eng I Aac

1 credits / Full year course / Grades: 9

English I AAC courses focus on the same strands as English I on-level (see above), but also emphasize advanced reading, analytical reasoning skills, and writing for the Advanced Placement courses in language and literature. Students may be expected to read outside of class during the school year and encouraged to read during the summer.

EL112 - Eng I

1 credits / Full year course / Grades: 9

Students will apply earlier TEKS strands of developing and sustaining foundational skills, comprehension, response, multiple genres, author's purpose and craft, composition, and inquiry with greater depth in increasingly complex texts as they become self-directed, critical learners who work collaboratively and independently to develop and use metacognitive skills. The strands are integrated and progressive, so students think critically as readers and writers as they adapt to the ever-evolving nature of language and literacy. The overarching theme in English Language Arts is the study, analysis, and application of the intentional decisions authors make as they design an experience for an audience. Students will engage in academic discourse, writing, and reading across diverse texts with opportunities for cross-curricular content, close reading routines, and independent, self-selected reading.

EL121 - Eng II Aac

1 credits / Full year course / Grades: 10

English AAC courses focus on the same strands as English II on-level (see above), but also emphasize advanced reading, analytical reasoning skills, and writing to prepare for the Advanced Placement courses in language and literature. Students may be expected to read outside of class during the school year and encouraged to read during the summer.

EL122 - Eng II

1 credits / Full year course / Grades: 10

Students will apply earlier TEKS strands of developing and sustaining foundational skills, comprehension, response, multiple genres, author's purpose and craft, composition, and inquiry with greater depth in increasingly complex texts as they become self-directed, critical learners who work collaboratively and independently to develop and use metacognitive skills. The strands are integrated and progressive, so students think critically as readers and writers as they adapt to the ever-evolving nature of language and literacy. The overarching theme in English Language Arts is the study, analysis, and application of the intentional decisions authors make as they design an experience for an audience. Students will engage in academic discourse, writing, and reading across diverse texts with opportunities for cross-curricular content, close reading routines, and independent, self-selected reading.

EL131 - Eng III AP

1 credits / Full year course / Grades: 11

This course focuses on the development and revision of evidence based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions authors make as they compose and revise. Students evaluate, synthesize, and cite research to support their arguments. Additionally, they read and analyze rhetorical elements and their effects in nonfiction texts—including images as forms of text—from a range of disciplines and historical periods. This course aligns to an introductory college-level rhetoric and writing curriculum and serves as preparation for successful completion of the AP Exam in May. As in the college course, students should be able to read and comprehend college-level texts and write grammatically correct, complete sentences. Students may be expected to read outside of class during the school year. Summer reading may be required.

EL132 - Eng III

1 credits / Full year course / Grades: 11

Students will apply earlier TEKS strands of developing and sustaining foundational skills, comprehension, response, multiple genres, author's purpose and craft, composition, and inquiry with greater depth in increasingly complex texts as they become self-directed, critical learners who work collaboratively and independently to develop and use metacognitive skills. The strands are integrated and progressive, so students think critically as readers and writers as they

adapt to the ever-evolving nature of language and literacy. The overarching theme in English Language Arts is the study, analysis, and application of the intentional decisions authors make as they design an experience for an audience. Students will engage in academic discourse, writing, and reading across diverse texts with opportunities for cross-curricular content, close reading routines, and independent, self-selected reading.

EL13P1 - English Composition 1301

0.5 credits / 1 Semester / Grades: 11

This advanced level English III course is for college credit as well as high school credit. It focuses on the student's ability to think objectively and communicate effectively. Major areas include the writing process, sentence structure, basic essay organization, rhetorical modes, and analysis of writing. Successful completion of this course will provide students with college level ENGL-1301 English Composition 101 and ENGL-1302 English Composition 102 which are accepted at most Texas colleges and universities, as well as many out-of-state institutions. Please see "Dual Credit" sections for more information. Community college enrollment requirements, deadlines, and fees apply.

Student must be enrolled in the Early College High School to take this course

EL13P2 - English Composition 1302

0.5 credits / 1 Semester / Grades: 11

This advanced level English III course is for college credit as well as high school credit. It focuses on the student's ability to think objectively and communicate effectively. Major areas include the writing process, sentence structure, basic essay organization, rhetorical modes, and analysis of writing. Successful completion of this course will provide students with college level ENGL-1301 English Composition 101 and ENGL-1302 English Composition 102 which are accepted at most Texas colleges and universities, as well as many out-of-state institutions. Please see "Dual Credit" sections for more information. Community college enrollment requirements, deadlines, and fees apply.

Student must be enrolled in Early College High School to take this course and successfully completed English 1301 EL13p1

EL141 - Eng IV AP

1 credits / Full year course / Grades: 12

The AP English Literature and Composition Course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, and drama), from various periods. Students engage in close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure for an audience. As they read, students consider a work's structure, style, and theme, as well as its use of figurative language, imagery, and symbolism. Writing assignments include informational, analytical, and argumentative essays that require students to analyze and interpret literary works. This course aligns to an introductory college-level literature and writing curriculum. As in the college course, students should be able to read and comprehend college-level text and write grammatically correct, complete sentences. Students may be expected to read outside of class during the school year. Summer reading may be required.

EL142 - Eng IV

1 credits / Full year course / Grades: 12

Students will apply earlier TEKS strands of developing and sustaining foundational skills, comprehension, response, multiple genres, author's purpose and craft, composition, and inquiry with greater depth in increasingly complex texts as they become self-directed, critical learners who work collaboratively and independently to develop and use metacognitive skills. The strands are integrated and progressive, so students think critically as readers and writers as they adapt to the ever-evolving nature of language and literacy. The overarching theme in English Language Arts is the study, analysis, and application of the intentional decisions authors make as they design an experience for an audience. Students will engage in academic discourse, writing, and reading across diverse texts with opportunities for cross-curricular content, close reading routines, and independent, self-selected reading.

EL142T - OnRamps English IV

1 credits / Full year course / Grades: 12

This advanced level English IV course is a dual enrollment in partnership with the University of Texas at Austin. It focuses in the first semester on a study and practice in writing processes with emphasis on

rhetorical choices, academic essays, and critical analysis. The focus of the second semester is on primary and secondary research methods, critical readings of multiple text genres, and critical thinking skills. Students earn two separate grades in this course, a FBISD English IV credit and a college grade through UT. This course is not eligible for semester exam exemptions; the college final is required. *Not all OnRamps Dual Enrollment courses are offered at all campuses.

EL64D1 - Eng IV Dual Sm1

0.5 credits / 1 Semester / Grades: 12

Intensive study of and practice in writing processes, from invention and researching to drafting, revising, and editing, both individually and collaboratively. Emphasis on effective rhetorical choices, including audience, purpose, arrangement, and style. Focus on writing academic essays as a vehicle for learning, communicating, and critical analysis. Note: ENGL 1301 is a pre-requisite for all 2000-level literature courses.

EL64D2 - Eng IV Dual Sm2

0.5 credits / 1 Semester / Grades: 12

Intensive study of and practice in the strategies and techniques for developing research-based expository and persuasive texts. Emphasis on effective and ethical rhetorical inquiry, including primary and secondary research methods; critical reading of verbal, visual, and multimedia texts; systematic evaluation, synthesis, and documentation of information sources; and critical thinking about evidence and conclusions.

Must be TSI ready in English and successfully completed English levels I-III and English Comp. 1301

EL64P1 - British Literature I Dual Cred

0.5 credits / 1 Semester / Grades: 12

A survey of the development of British literature from the Anglo-Saxon period to the Eighteenth Century. Students will study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts. Texts will be selected from a diverse group of authors and traditions. Must be enrolled in the Early College High School Program and successfully completed Engl 1301

Must be enrolled in the Early College High School Program, successfully completed English I and II,

English Comp 1301, and be TSI ready in English

EL64P2 - British Literature II Dc

0.5 credits / 1 Semester / Grades: 12

A survey of the development of British literature from the Romantic period to the present. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from a diverse group of authors and traditions. Must be enrolled in ECHS at MHS and successfully passed Engl 1301

Must be enrolled in the Early College High School Program, successfully completed English I and II, English Comp 1301 and 1302, British Lit I, and be TSI ready in English

EL8011 - Ela I/li 8 Aac

0 credits / Full year course / Grades: 8

This course focuses on the same strands as English Language Arts, Grade 8 (see above), but also emphasizes advanced reading and analytical reasoning skills to prepare students for Advanced Placement courses in high school. Students may be expected to read outside of class during the school year and encouraged to read during the school year.

EL8211 - Ela I 8

0 credits / Full year course / Grades: 8

Students will apply earlier TEKS strands of developing and sustaining foundational skills, comprehension, response, multiple genres, author's purpose and craft, composition, and inquiry with greater depth in increasingly complex texts as they become self-directed, critical learners who work collaboratively and independently to develop and use metacognitive skills. The strands are integrated and progressive, so students think critically as readers and writers as they adapt to the ever-evolving nature of language and literacy. The overarching theme in English Language Arts is the study, analysis, and application of the intentional decisions authors make as they design an experience for an audience. Students will engage in academic discourse, writing, and reading on a daily basis with opportunities for cross-curricular content, close reading routines, independent, self selected reading, and diverse texts.

EL6111 - Ela I 6 Aac

0 credits / Full year course / Grades: 6

This course focuses on the same strands as English Language Arts, Grade 6 (see above), but also emphasizes advanced reading and analytical reasoning skills to prepare students for Advanced Placement courses in high school. Students may be expected to read outside of class during the school year and encouraged to read during the summer.

EL6211 - Ela I 6

0 credits / Full year course / Grades: 6

Students will apply earlier TEKS strands of developing and sustaining foundational skills, comprehension, response, multiple genres, author's purpose and craft, composition, and inquiry with greater depth in increasingly complex texts as they become self-directed, critical learners who work collaboratively and independently to develop and use metacognitive skills. The strands are integrated and progressive, so students think critically as readers and writers as they adapt to the ever-evolving nature of language and literacy. The overarching theme in English Language Arts is the study, analysis, and application of the intentional decisions authors make as they design an experience for an audience. Students will engage in academic discourse, writing, and reading on a daily basis with opportunities for cross-curricular content, close reading routines, independent, self selected reading, and diverse texts.

EL7211 - Ela I 7

0 credits / Full year course / Grades: 7

Students will apply earlier TEKS strands of developing and sustaining foundational skills, comprehension, response, multiple genres, author's purpose and craft, composition, and inquiry with greater depth in increasingly complex texts as they become self-directed, critical learners who work collaboratively and independently to develop and use metacognitive skills. The strands are integrated and progressive, so students think critically as readers and writers as they adapt to the ever-evolving nature of language and literacy. The overarching theme in English Language Arts is the study, analysis, and application of the intentional decisions authors make as they design an experience for an audience. Students will engage in academic discourse, writing, and reading on a daily basis with opportunities for cross-curricular content, close reading routines, independent, self selected reading, and diverse texts.

EL7111 - Ela I 7 Aac

0 credits / Full year course / Grades: 7

This course focuses on the same strands as English Language Arts, Grade 7 (see above), but also emphasizes advanced reading and analytical reasoning skills to prepare students for Advanced Placement courses in high school. Students may be expected to read outside of class during the school year and encouraged to read during the summer.

COURSE OFFERINGS

Fine Arts

FA013 - Art I

1 credits / Full year course / Grades: 9, 10, 11, 12

Art I is a prerequisite for all other art courses in senior high school. Students examine natural and manmade objects, explore the art elements of line, value, texture, color, form, and space. Students apply the principles of design, pattern, contrast, emphasis, balance, proportion, harmony, rhythm, and movement in developing and creating original artworks using a variety of media and techniques in a general, structured, step-by-step manner. Artworks of master artists (traditional and contemporary) as well as fellow students are studied to allow students to grow in the appreciation of art and to develop evaluation skills.

FA013P - P-TECH Art Appreciation DC

1 credits / 1 Semester / Grades: 9, 10, 11, 12

A general introduction to the visual arts designed to create an appreciation of the vocabulary, media, techniques, and purposes of the creative process. Students will critically interpret and evaluate works of art within formal, cultural, and historical contexts. This introduction to the visual arts is a global investigation of artistic styles, methods of artistic production and media. Various works will be analyzed and defined in relation to the formal elements and the principles of design. Universal themes are studied within their historical, political, economic, theological, sociological, conceptual, and ethnic contexts. Students will also develop critical thinking and observational skills through the creation of hands-on art projects.

FA121 - Art II-Drawing I

1 credits / Full year course / Grades: 9, 10, 11, 12

Art II, Drawing I provides students who have successfully completed Art I, or have demonstrated an advanced artistic ability (based on portfolio), an opportunity to further develop their drawing skills through the use of high-level thinking processes and techniques. Contour, gesture, pen and ink, pastels, mixed media, value, and perspective techniques will be studied. More challenging media, study of contemporary and traditional art, and world cultures will inspire students and help them develop an individual drawing style. Students are taught studio habits and time management.

FA132 - Art III-Drawing II

1 credits / Full year course / Grades: 10, 11, 12

Art III, Drawing II provides the serious art student an opportunity to refine and develop advanced drawing skills and techniques in a variety of media and problem-solving situations including technology. Students are to create original works of art in an expressive-inventive and imaginative way. Throughout the course, the student is provided opportunities to choose from a wide variety of drawing media, techniques, and subject matter (traditional and contemporary) in order to develop a style, theme, or interpretation. In-depth design problems encourage the use of art elements and principles of design, which include experiences in abstract, non-objective, and realistic drawing approaches. All projects and works of art are to strengthen and develop the student's portfolio.

FA13P - Art History I Dual Credi

1.0 credits / Full year course / Grades: 11, 12

A chronological analysis of the historical and cultural contexts of the visual arts from prehistoric times to the 14th century. This course is a global investigation of the styles and methods of artistic production covering Prehistoric through Gothic periods. Media studied include: drawing, painting, sculpture, architecture, printmaking, textiles, ceramics, and metal arts. Using this framework, universal themes are studied within their historical, political, economic, theological, sociological, and ethnic contexts.

FA142 - Art IV-Drawing III

1 credits / Full year course / Grades: 11, 12

Art IV, Drawing III is an independent study course allowing students to develop themes and individual styles in personal art works. It provides the serious art student an opportunity to refine and develop advanced drawing skills and techniques in a variety of media and problem-solving situations including technology. Themes range from pictorial accuracy to subjective interpretation. All projects and works of art are to strengthen and develop the student's portfolio. The focus is to correspond and enhance the advanced placement drawing and two dimensional course.

FA223 - Art II-Painting I

1 credits / Full year course / Grades: 9, 10, 11, 12

Art II, Painting I offers students who have successfully completed Art I an opportunity to extend their technical skills in a variety of painting styles and media. In-depth design problems encourage research of art works of other artists and cultures and include experiences in abstract, non-objective, and realistic approaches. Students are taught studio habits and time management.

FA232 - Art Iii-Painting II

1 credits / Full year course / Grades: 10, 11, 12

Art III, Painting II offers the continuing art students, who may be considering a career in art, the opportunity to extend and refine his/her technical skills in a variety of painting styles and media. In-depth design problems encourage the use of art elements and principles and include experiences in abstract, non-objective, and realistic approaches. Personal experiences, as well as inventive and imaginative themes, are the basic ingredient for original works of art. A major focus of the course is the study of significant painters and how the culture and/or historic period influenced their styles and subjects. All works of art serve to strengthen and develop the student's portfolio.

FA242 - Art Iv-Painting III

1 credits / Full year course / Grades: 11, 12

Art IV, Painting III is an independent study course allowing students to develop themes and individual styles in personal artworks. Sources of ideas for their work come from students' investigations of their environment for visual and structural ideas. Students will develop understanding of form, investigating, interpreting, and reinventing a subject through multiple portrayals guiding students in thematic development. A major focus of the course is the study of significant painters and how the culture and/or historic period influenced their styles and subjects. The projects and works of art are to strengthen and develop the student's portfolio. The focus is to correspond and enhance the advanced placement drawing and two-dimensional course.

FA323 - Art li-Ceramics I

1 credits / Full year course / Grades: 9, 10, 11, 12

Art II, Ceramics I is a study of three-dimensional design in clay. Study will begin with the fundamental hand building techniques of coil and slab construction, and an exploration of the clay surfaces. Students will

experiment with various finishing techniques. Students are taught studio habits and time management.

FA332 - Art Iii-Ceramics II

1 credits / Full year course / Grades: 10, 11, 12

Art III, Ceramics II offers an in-depth study of clay for the serious student who has successfully completed Ceramics I. Students will develop personal style of expression through refining and developing skills previously introduced, as well as an introduction to wheel throwing, various clays, and glaze formulation. A historic emphasis will be placed on the evolution of studio ceramics and current issues within the field of ceramics. All projects and works of art are to strengthen and develop the student's portfolio.

FA342 - Art Iv-Ceramics III

1 credits / Full year course / Grades: 11, 12

Art IV, Ceramics III is a course allowing students to develop themes from their environments, other cultures, and diverse historical periods. The focus of the course would be for independent study and development of personal interests and style in ceramics. All projects and works of art are to strengthen and develop the student's portfolio. The focus is to correspond and enhance the advanced placement three-dimensional course. Students will continue to practice studio habits and time management, creating individualization and independence.

FA423 - Art li-Sculpture I

1 credits / Full year course / Grades: 9, 10, 11, 12

The Art II, Sculpture I studio course, devoted to the three-dimensional art forms, will offer the student opportunities to become more proficient in modeling and constructing original creations using additive and subtractive methods. References to both cultural and historical sculptures will allow students to recognize the value of sculpture. Students are taught studio habits and time management.

FA432 - Art Iii-Sculpture II

1 credits / Full year course / Grades: 10, 11, 12

Art III, Sculpture II is an advanced art class designed for the student interested in studying in-depth three dimensional form. Advanced additive and subtractive methods will be explored as students continue to strengthen design skills and emphasis on form and

space. All projects and works of art are to strengthen and develop the student's portfolio. Students continue to practice studio habits and time management.

FA442 - Art Iv-Sculpture III

1 credits / Full year course / Grades: 11, 12

Art IV, Sculpture III is an independent study art class designed for the student interested in studying in-depth three-dimensional form and developing a personal style. Processes used in sculpture may include stone carving, metal casting, plaster carving, and wood and Plexiglas assemblages. All projects and works of art are to strengthen and develop the student's portfolio. The focus is to correspond and enhance the advanced placement three-dimensional course. Students will continue to practice studio habits and time management, creating individualization and independence.

FA611 - AP Studio Art-2D Portfolio

1 credits / Full year course / Grades: 11, 12

AP 2-D Art and Design Portfolio is a college level course open to students who are seriously interested in the practical experience of art, concentrating on 2-D design. AP 2D Art and Design Portfolio Exam is not based on a written exam; instead, the focus will be to submit portfolio exams to College Board for evaluation and the successful completion of the AP course at the end of the school year. Students create a portfolio of work to demonstrate inquiry through art and design, as well as development of materials, processes, and ideas over the course of the year. Work focuses on the use Elements and Principles of Art and Design, which includes figure ground relationship, connection, juxtaposition, and hierarchy. Portfolio Exam contains two sections. The Selected Works Section, which requires students to demonstrate skillful synthesis of materials, process, and ideas. The Sustained Investigation section requires students to conduct a sustained investigation based on questions, through practice, experimentation, and revision. Both sections of the portfolio require students to articulate information about their work.

One credit in an Art, Level II course.

FA623 - Art Ii-Dig Art && Media I

1 credits / Full year course / Grades: 9, 10, 11, 12

The Art II, Digital Art and Media I lab course is the introduction of technology in art. Students will learn to

use image manipulation programs and traditional drawing, painting, photography, and layout techniques. Students will view the computer as an important tool for the artist and use computer programs to facilitate the design process of exploring, developing ideas, and producing finished work. Students will have the opportunity to transfer original artwork through various electronic and digital scanning methods. Students will learn the basics of hardware and a variety of art software programs. The student will build a visual electronic portfolio throughout the course. Careers in the field of digital art and media are introduced to the students. Students are taught studio habits and time management.

FA624 - Art Iii-Dig Art && Media II

1 credits / Full year course / Grades: 10, 11, 12

In the Art III, Digital Art and Media II course, students will learn to use image manipulation programs and traditional drawing, painting, photography, and layout techniques. Students will view the computer as an important tool for the artist and use computer programs to facilitate the design process of exploring, developing ideas, and producing original art works. The student will build a visual electronic portfolio throughout the course. Careers in the field of digital art and media will be explored and examined.

FA625 - Art Iv-Dig Art && Media III

1 credits / Full year course / Grades: 11, 12

In the Art IV, Digital Art and Media III course, students work independently, choosing digital art and media techniques, using computer programs, to create a mature body of work requiring use of multiple steps and processes.

FA711 - AP Studio Art-3D Portfolio

1 credits / Full year course / Grades: 11, 12

AP 3-D Art and Design Portfolio is a college-level course open to students who are seriously interested in the practical experience of art, concentrating on 3-D design. AP 3D Art and Design Portfolio Exam is not based on a written exam; instead, the focus will be to submit portfolio exams to College Board for evaluation and the successful completion of the AP course at the end of the school year. Students create a portfolio of work to demonstrate inquiry through art and design, as well as development of materials, processes, and ideas over the course of the year. Work focuses on the use Elements and Principles of Art and Design, which

includes balance, repetition, relationship, connection, juxtaposition, and hierarchy. Portfolio Exam contains two sections. The Selected Works Section, which requires students to demonstrate skillful synthesis of materials, process, and ideas. The Sustained Investigation section requires students to conduct a sustained investigation based on questions, through practice, experimentation, and revision. Both sections of the portfolio require students to articulate information about their work.

__One credit in an Art, Level II course.__

FA811 - AP Studio Art-Drawing Port

1 credits / Full year course / Grades: 11, 12

AP Drawing Portfolio is a college-level course open to students who are seriously interested in the practical experience of art, concentrating on drawing. AP Drawing Portfolio Exam is not based on a written exam; instead, the focus will be to submit portfolio exams to College Board for evaluation and the successful completion of the AP course at the end of the school year. Students create a portfolio of work to demonstrate inquiry through art and design, as well as development of materials, processes, and ideas over the course of the year. Work focuses on the use of mark-making, line, surface, space, light, and shade. Portfolio Exam contains two sections. The Selected Works Section, which requires students to demonstrate skillful synthesis of materials, process, and ideas. The Sustained Investigation section requires students to conduct a sustained investigation based on questions, through practice, experimentation, and revision. Both sections of the portfolio require students to articulate information about their work.

__One credit in an Art, Level II course.__

FA911 - AP Art History

1 credits / Full year course / Grades: 11, 12

AP Art History is open to only juniors and seniors. It is a college level course designed to explore and analyze architecture, sculpture, painting, and the minor arts as they relate to styles and cultures from prehistoric times to the present. The course is preparation for successful completion of the AP exam at the end of the school year. Music courses encompass the study of different styles of music with emphasis on student performance. All students are eligible to enroll if they have the desire to improve their performance

skills and acquire a better appreciation and enjoyment of music. Both sacred and secular music are studied from a historical perspective. Every student is required to complete an audition with the program director prior to enrollment in any high school music course. The enrollment is divided into classes selected and balanced by the instructor. Members of select groups may be required to purchase their own school-approved performance uniforms. An annual \$80 fee is charged to students selected by the program director to use school-owned instruments. For specific program participation/ consumable materials costs for your school, please contact the music director. The names of each performing group vary among schools. In addition, the number of bands, choirs, or orchestras in each high school varies and is determined by the number of enrolled students and their placement by the teacher. Students enrolled in a band course during the fall semester of their freshman and sophomore years will receive PE Substitution credit for participation in the Marching Band activity outside the school day.

FA911P - Art History Dual Credit I

0.5 credits / 1 Semester / Grades: 11, 12

A chronological analysis of the historical and cultural contexts of the visual arts from prehistoric times to the 14th century. This course is a global investigation of the styles and methods of artistic production covering Prehistoric through Gothic periods. Media studied include: drawing, painting, sculpture, architecture, printmaking, textiles, ceramics, and metal arts. Using this framework, universal themes are studied within their historical, political, economic, theological, sociological, and ethnic contexts. This course satisfies the fine arts or component area option of the HCC core.

Must be enrolled in ECHS at MHS and be placed into college-level reading and college-level writing

FA912P - Art History Dual Credit II

0.5 credits / 1 Semester / Grades: 10, 11, 12

A chronological analysis of the historical and cultural contexts of the visual arts from prehistoric times to the 14th century. This course is a global investigation of the styles and methods of artistic production covering Prehistoric through Gothic periods. Media studied include: drawing, painting, sculpture, architecture, printmaking, textiles, ceramics, and metal arts. Using this framework, universal themes are studied within

their historical, political, economic, theological, sociological, and ethnic contexts. This course satisfies the fine arts or component area option of the HCC core.

Must be enrolled in ECHS at MHS and be placed into college-level reading and college-level writing

FB113 - Band I

1 credits / Full year course / Grades: 9

This course is designed for the student who has developed some proficiency in performance skills. Tone production, technical facility, and musicianship are taught as each relates to performance. This band is involved in numerous performances and competitions throughout the year. Placement in this course is by audition only. Students are required to purchase some materials and the cost may vary depending on the band program and level of study. Marching Band is required as a member of this class. Students will be concurrently enrolled in a 0-period, Marching Band PE Substitution course during the fall semester of their freshman and sophomore year, which will meet the graduation requirement for one credit of PE.

Audition required.

FB123 - Band II

1 credits / Full year course / Grades: 10

This course is designed for the student who has developed some proficiency in performance skills. Tone production, technical facility, and musicianship are taught as each relates to performance. This band is involved in numerous performances and competitions throughout the year. Placement in this course is by audition only. Students are required to purchase some materials and the cost may vary depending on the band program and level of study. Marching Band is required as a member of this class. Students will be concurrently enrolled in a 0-period, Marching Band PE Substitution course during the fall semester of their freshman and sophomore year, which will meet the graduation requirement for one credit of PE.

FB133 - Band III

1 credits / Full year course / Grades: 11

This course is designed for advanced wind and percussion students. Advanced tonal development,

instrumental techniques, and musicality are taught as each relates to performance. Emphasis is placed on both individual and ensemble performance skills. Students are involved extensively in competitions and performances throughout the year. Placement in band is by audition only. Students are required to purchase some materials and the cost may vary depending on the band program and level of study. Marching Band is required as a member of this class.

Audition Required.

FB143 - Band IV

1 credits / Full year course / Grades: 12

This course is designed for advanced wind and percussion students. Advanced tonal development, instrumental techniques, and musicality are taught as each relates to performance. Emphasis is placed on both individual and ensemble performance skills. Students are involved extensively in competitions and performances throughout the year. Placement in band is by audition only. Students are required to purchase some materials and the cost may vary depending on the band program and level of study. Marching Band is required as a member of this class.

Audition Required.

FB512 - Jazz Ens I

1 credits / Full year course / Grades: 9

The focus of this course is the exploration of styles and rhythms utilized in American jazz through performance. Students learn improvisational techniques. Students must be a member of another regular band or orchestra class to enroll in jazz ensemble (exception: piano and guitar when the student does not play a wind instrument or double bass). Placement in the course is by audition only. Students are required to purchase some materials and the cost may vary depending on the band program and level of study.

Student must be co-enrolled in Band I or Orchestra I.

FB522 - Jazz Ens II

1 credits / Full year course / Grades: 10

The focus of this course is the exploration of styles and rhythms utilized in American jazz through performance. Students learn improvisational techniques. Students must be a member of another

regular band or orchestra class to enroll in jazz ensemble (exception: piano and guitar when the student does not play a wind instrument or double bass). Placement in the course is by audition only. Students are required to purchase some materials and the cost may vary depending on the band program and level of study.

FB532 - Jazz Ens III

1 credits / Full year course / Grades: 11

The focus of this course is the exploration of styles and rhythms utilized in American jazz through performance. Students learn improvisational techniques. Students must be a member of another regular band or orchestra class to enroll in jazz ensemble (exception: piano and guitar when the student does not play a wind instrument or double bass). Placement in the course is by audition only. Students are required to purchase some materials and the cost may vary depending on the band program and level of study.

FB542 - Jazz Ens IV

1 credits / Full year course / Grades: 12

The focus of this course is the exploration of styles and rhythms utilized in American jazz through performance. Students learn improvisational techniques. Students must be a member of another regular band or orchestra class to enroll in jazz ensemble (exception: piano and guitar when the student does not play a wind instrument or double bass). Placement in the course is by audition only. Students are required to purchase some materials and the cost may vary depending on the band program and level of study.

FC113 - Choir I

1 credits / Full year course / Grades: 9

Audition required.

FC123 - Choir II

1 credits / Full year course / Grades: 10

Audition required.

FC133 - Choir III

1 credits / Full year course / Grades: 11

Audition required.

Audition required.

FC143 - Choir IV

1 credits / Full year course / Grades: 12

Audition required.

FC312 - Vocal Ens I

1 credits / Full year course / Grades: 9

Vocal ensembles are select musical groups. Ensemble performance of the highest level is expected. Sight Reading skills will continue to be developed and refined. Students will be involved in numerous performances/competitions. Enrollment is by audition only. Students are required to purchase some materials and the cost may vary depending on the choir program and level of study.

FC322 - Vocal Ens II

1 credits / Full year course / Grades: 10

Vocal ensembles are select musical groups. Ensemble performance of the highest level is expected. Sight Reading skills will continue to be developed and refined. Students will be involved in numerous performances/competitions. Enrollment is by audition only. Students are required to purchase some materials and the cost may vary depending on the choir program and level of study.

FC332 - Vocal Ens III

1 credits / Full year course / Grades: 11

Vocal ensembles are select musical groups. Ensemble performance of the highest level is expected. Sight Reading skills will continue to be developed and refined. Students will be involved in numerous performances/competitions. Enrollment is by audition only. Students are required to purchase some materials and the cost may vary depending on the choir program and level of study.

FC342 - Vocal Ens IV

1 credits / Full year course / Grades: 12

Vocal ensembles are select musical groups. Ensemble performance of the highest level is expected. Sight Reading skills will continue to be developed and refined. Students will be involved in numerous performances/competitions. Enrollment is by audition only. Students are required to purchase some materials and the cost may vary depending on the choir program and level of study.

FD113 - Dance I (Fine Arts/PE)

1 credits / Full year course / Grades: 9, 10, 11, 12

Principles of Dance I is an introductory course that provides students with an exploration of the fundamentals of movement. Aerobic fitness dance, recreational dance, and dance forms including ballet, folk/ethnic, jazz, tap, precision, hip hop, lyrical, and modern will challenge the students to employ both fine and gross motor skills. Students receive a brief historical overview of dance. Choreography/dance composition will be covered as well. This course may be taken to fulfill the Fine Arts requirement or the PE requirement, but not both.

FD123 - Dance II

1 credits / Full year course / Grades: 9, 10, 11, 12

Dance II is a continuation of the Dance I course. Students at this level demonstrate higher levels of competency in movement sequences that are increasingly more rhythmically complex and utilize a wider range of motion. Students will evaluate performances and offer thoughtful critiques of movement execution and choreographic content using correct terminology. This course may be taken to fulfill the Fine Arts requirement or the PE requirement, but not both.

FD133 - Dance III

1 credits / Full year course / Grades: 11, 12

Students use advanced skills and techniques through composition and efficiency of dance. Individual and group choreography are stressed. Participants perform in large group formats, select small groups, and solo performances.

Prereq: Dance II or Director Approval.

FD143 - Dance IV

1 credits / Full year course / Grades: 9, 10, 11, 12

Students use advanced skills and techniques through composition and efficiency of dance. Individual and group choreography are stressed. Participants perform in large group formats, select small groups, and solo performances.

FG113 - Color Guard I

1 credits / Full year course / Grades: 9

The Color Guard is the visual unit of the band program. Students participate with the Marching Band

in numerous performances in the fall semester and perform independently in Winter Guard competitions from November through April. The principles of dance and kinesthetic awareness are developed in tandem with the use of equipment, which includes flags, rifles, and sabers. Some proficiency in dance skills is preferred, although not required. Placement in this course is by audition only. Students are required to purchase some materials and the cost may vary depending on the color guard program and level of study. Color Guard students are required to participate in all Marching Band activities, as well as all after-school rehearsals and performances. During the fall semester of their freshman and sophomore years, students will be concurrently enrolled in a 0-period, pass/fail, Marching Band PE Substitution course, which will meet the graduation requirement for one credit of PE.

Audition required.

FG123 - Color Guard II

1 credits / Full year course / Grades: 10

The Color Guard is the visual unit of the band program. Students participate with the Marching Band in numerous performances in the fall semester and perform independently in Winter Guard competitions from November through April. The principles of dance and kinesthetic awareness are developed in tandem with the use of equipment, which includes flags, rifles, and sabers. Some proficiency in dance skills is preferred, although not required. Placement in this course is by audition only. Students are required to purchase some materials and the cost may vary depending on the color guard program and level of study. Color Guard students are required to participate in all Marching Band activities, as well as all after-school rehearsals and performances. During the fall semester of their freshman and sophomore years, students will be concurrently enrolled in a 0-period, pass/fail, Marching Band PE Substitution course, which will meet the graduation requirement for one credit of PE.

Audition required.

FG133 - Color Guard III

1 credits / Full year course / Grades: 11

The Color Guard is the visual unit of the band program. Students participate with the Marching Band in numerous performances in the fall semester and

perform independently in Winter Guard competitions from November through April. The principles of dance and kinesthetic awareness are developed in tandem with the use of equipment, which includes flags, rifles, and sabers. Some proficiency in dance skills is preferred, although not required. Placement in this course is by audition only. Students are required to purchase some materials and the cost may vary depending on the color guard program and level of study. Color Guard students are required to participate in all Marching Band activities, as well as all after-school rehearsals and performances. During the fall semester of their freshman and sophomore years, students will be concurrently enrolled in a 0-period, pass/fail, Marching Band PE Substitution course, which will meet the graduation requirement for one credit of PE.

Audition required.

FG143 - Color Guard IV

1 credits / Full year course / Grades: 12

The Color Guard is the visual unit of the band program. Students participate with the Marching Band in numerous performances in the fall semester and perform independently in Winter Guard competitions from November through April. The principles of dance and kinesthetic awareness are developed in tandem with the use of equipment, which includes flags, rifles, and sabers. Some proficiency in dance skills is preferred, although not required. Placement in this course is by audition only. Students are required to purchase some materials and the cost may vary depending on the color guard program and level of study. Color Guard students are required to participate in all Marching Band activities, as well as all after-school rehearsals and performances. During the fall semester of their freshman and sophomore years, students will be concurrently enrolled in a 0-period, pass/fail, Marching Band PE Substitution course, which will meet the graduation requirement for one credit of PE.

Audition required.

FM111 - Music Appreciation

1 credits / Full year course / Grades: 9, 10, 11, 12

Students learn basic music notation and form. Major composers, performers, and artists of the Medieval, Renaissance, Baroque, Classical, Romantic, and Modern periods are studied and analyzed. This is a

non-performance course. An extensive research paper or project may be required.

FM122 - AP Music Theory

1 credits / Full year course / Grades: 11, 12

The main objective of the AP Music Theory Course is for students to develop aural, sight-singing, written, composition, and analytical skills in music. Previous experience reading music is strongly recommended. This course covers material typically taught at the college freshman level with emphasis placed on basic pitch and rhythmic notation, scale structures, pitch intervals, chord structure and movement, part writing, ear training, harmonization, and music composition. Upon completion of this course, students will be prepared to take the College Board Advanced Placement Music Theory Exam.

Ability to read and write musical notation and basic voice or instrument performance skills.

FM512 - Mariachi Ensemble I

1 credits / Full year course / Grades: 9

This course allows students the opportunity to learn Mariachi technique, style, and interpretation primarily on the guitar, guitarron, and vihuela. Students will perform traditional, progressive, and contemporary music. Participants are involved in numerous performances and competitions throughout the year. Students will be expected to attend ensemble rehearsals and performances outside of the school day. Students are required to purchase some materials and the cost may vary depending on the mariachi program and level of study. *This course is currently only available at Marshall High School and Willowridge High School.

Audition required.

FM522 - Mariachi Ensemble II

1 credits / Full year course / Grades: 10

This course allows students the opportunity to learn Mariachi technique, style, and interpretation primarily on the guitar, guitarron, and vihuela. Students will perform traditional, progressive, and contemporary music. Participants are involved in numerous performances and competitions throughout the year. Students will be expected to attend ensemble rehearsals and performances outside of the school day. Students are required to purchase some

materials and the cost may vary depending on the mariachi program and level of study. *This course is currently only available at Marshall High School and Willowridge High School.

Audition required.

FM532 - Mariachi Ensemble III

1 credits / Full year course / Grades: 11

This course allows students the opportunity to learn Mariachi technique, style, and interpretation primarily on the guitar, guitarron, and vihuela. Students will perform traditional, progressive, and contemporary music. Participants are involved in numerous performances and competitions throughout the year. Students will be expected to attend ensemble rehearsals and performances outside of the school day. Students are required to purchase some materials and the cost may vary depending on the mariachi program and level of study. *This course is currently only available at Marshall High School and Willowridge High School.

Audition required.

FM542 - Mariachi Ensemble IV

1 credits / Full year course / Grades: 12

This course allows students the opportunity to learn Mariachi technique, style, and interpretation primarily on the guitar, guitarron, and vihuela. Students will perform traditional, progressive, and contemporary music. Participants are involved in numerous performances and competitions throughout the year. Students will be expected to attend ensemble rehearsals and performances outside of the school day. Students are required to purchase some materials and the cost may vary depending on the mariachi program and level of study. *This course is currently only available at Marshall High School and Willowridge High School.

Audition required.

FO113 - Orchestra I

1 credits / Full year course / Grades: 9

Audition required.

FO123 - Orchestra II

1 credits / Full year course / Grades: 10

Audition required.

FO133 - Orchestra III

1 credits / Full year course / Grades: 11

Audition required.

FO143 - Orchestra IV

1 credits / Full year course / Grades: 12

Audition required.

FT113 - Theatre I

1 credits / Full year course / Grades: 9, 10, 11, 12

Theatre Arts II is designed to build on the skills learned in Theatre Arts I. Theatre production is stressed. Students learn audition techniques and advanced acting skills. Students are involved in duet acting, monologues, and group scenes. Students are required to attend a live theatre performance during the school year.

FT123 - Theatre II

1 credits / Full year course / Grades: 9, 10, 11, 12

Theatre Arts II is designed to build on the skills learned in Theatre Arts I. Theatre production is stressed. Students learn audition techniques and advanced acting skills. Students are involved in duet acting, monologues, and group scenes. Students are required to attend a live theatre performance during the school year.

FT132 - Theatre III

1 credits / Full year course / Grades: 11, 12

Theatre Arts III is the study of advanced theatre techniques in design, lighting, costuming, acting, critique, directing, and auditioning skills. This is a production- oriented course. Students are required to attend a live theatre performance during the school year.

Prereq: Theatre II or Director Approval

FT142 - Theatre IV

1 credits / Full year course / Grades: 12

This course is designed for the student who is serious about theatre production. Students may write their own plays, direct scenes and one-act plays for public performance, and study advanced lighting, acting/characterization, costuming, and makeup. Participation in extra-curricular productions is stressed. Students are required to attend a live theatre

performance during the school year.

Prereq: Theatre III or Director Approval.

FT223 - Tech Theatre I

1 credits / Full year course / Grades: 9, 10, 11, 12

Technical Theatre combines theories of design and stagecraft techniques with construction and operation of production elements including set construction, property management, lighting, sound, costumes, makeup, and public relations. Students are required to attend a live theatre performance during the school year. Time beyond the school day is expected.

FT232 - Tech Theatre II

1 credits / Full year course / Grades: 10, 11, 12

This course is designed to give students an opportunity to build on skills learned in Technical Theatre I. They will do individual studies in the areas of lighting, costume construction and design, set design and construction, sound, makeup, props, and publicity. Students enrolled in this course will be expected to complete additional work beyond the regular school day. Students are required to attend a live theatre performance during the school year.

Prereq: Tech Theatre 1 or Director Approval.

FT242 - Tech Theatre III

1 credits / Full year course / Grades: 11, 12

This course is designed to continue to build on the skills learned in Technical Theatre II. Students will do advanced individual studies in lighting, costume, and set design as well as sound, makeup, props, and publicity techniques. Students enrolled in the class will be expected to complete additional work beyond the school day. Students are required to attend a live theatre performance during the school year.

FT244 - Technical Theatre IV

1 credits / Full year course / Grades: 12

This course is designed to continue to build on the skills learned in Technical Theatre III. Students will do advanced individual studies in lighting, costume, and set design as well as sound, makeup, props, and publicity techniques. Students enrolled in the class will be expected to complete additional work beyond the school day. Students are required to attend a live theatre performance during the school year.

Prereq: Tech Theatre 3 or Director Approval.

FT323 - Theatre Production I

1 credits / Full year course / Grades: 9, 10, 11, 12

This course is designed to give the students enrolled an opportunity to put into practice basic skills learned in Theatre Arts I and II. Students will be involved in the creation of theatrical productions participating as performers and/or technicians. Students will be responsible for all production elements of this course and will produce performances as the end result. Students are required to attend a live theatre performance during the school year.

FT332 - Theatre Production II

1 credits / Full year course / Grades: 10, 11, 12

This course is designed to give the students enrolled an opportunity to put into practice basic skills learned in Theatre Arts I and II. Students will be involved in the creation of theatrical productions participating as performers and/or technicians. Students will be responsible for all production elements of this course and will produce performances as the end result. Students are required to attend a live theatre performance during the school year.

FT342 - Theatre Production III

1 credits / Full year course / Grades: 11, 12

These courses are an extension of the concepts developed in Theatre Production II. Students will work together to develop all production elements involved in the presentation of a performance as an end result. Students are required to attend a live theatre performance during the school year.

FT344 - Theatre Production IV

1 credits / Full year course / Grades: 12

These courses are an extension of the concepts developed in Theatre Production II. Students will work together to develop all production elements involved in the presentation of a performance as an end result. Students are required to attend a live theatre performance during the school year.

FC6759 - Beg Girls Choir I 6

0 credits / Full year course / Grades: 6

Choral Music I provides students with basic training in vocal production, general musicianship, and choral performance. Music fundamentals are taught to enable

the student to recognize and apply musical signs, symbols, and terms. Sight-singing skills are taught using Curwen hand signs. Various performance opportunities are available throughout the year. It may be necessary to purchase some materials for uniformity of dress for performance purposes.

FT6959 - Theatre I 6

0 credits / Full year course / Grades: 6

Students are introduced to a variety of performance opportunities and a basic understanding of the theatre. Students learn theatre preparation techniques, discover ways to communicate nonverbally, and enhance control of their voice and body. Students study a range of theatrical content and have opportunities to perform in class and in stage productions.

FC6749 - Beg Boys Choir I 6

0 credits / Full year course / Grades: 6

Choral Music I provides students with basic training in vocal production, general musicianship, and choral performance. Music fundamentals are taught to enable the student to recognize and apply musical signs, symbols, and terms. Sight-singing skills are taught using Curwen hand signs. Various performance opportunities are available throughout the year. It may be necessary to purchase some materials for uniformity of dress for performance purposes.

FC8789 - Boys Choir III -- Varsity

0 credits / Full year course / Grades: 8, 7

Choral Music III emphasis is placed on developing a mature singing voice using three and four-part harmony. Vocal and ensemble techniques are reinforced. Choral singing allows students to use the skills of good musicianship, tone production, and stage presence through performance and competition. Sight-reading skills will continue to be developed. Leadership skills, cooperation, and self-discipline are reinforced through individual responsibility and teamwork. Placement is by audition only. It may be necessary to purchase some materials for uniformity of dress for performance purposes.

FA6689 - Art I 6

0 credits / Full year course / Grades: 6

This course is designed to enable students to develop their problem solving and creative thinking skills while

teaching them to perceive the world around them, interpret emotion through a variety of artistic media, and evaluate their own artwork as well as the work of other artists. Students explore basic elements of art and principles of design using a variety of media and techniques concentrating on both traditional and contemporary. Students may be required to purchase some materials (art kit or supply list). An art fee may be required in some instances. Sketchbooks are required.

FB8739 - Band III -- Varsity

0 credits / Full year course / Grades: 8, 7

Band III stresses instrumental musicianship through performance and competition. Students continue to refine and develop skills of leadership, responsibility, cooperation, self-discipline, and concentration, as well as artistic expression. Band students will be involved in numerous performances and competitions throughout the year. Placement is by audition only. Students may be required to purchase or rent their own instruments, as well as purchase some instructional materials. (Instruments may be obtained through a rental/purchase agreement.) The school furnishes some instruments, such as oboes, bassoons, horns, tubas, and percussion equipment for classroom use. An annual \$80 fee is charged to students selected by the program director to use school-owned instruments. It may be necessary to purchase some materials for uniformity of dress for performance purposes.

FC8749 - Boys Choir II-Non-Varsity

0 credits / Full year course / Grades: 8, 7

Choral Music II expands fundamentals through poise, self confidence, performance, artistic expression, and competition. Leadership, responsibility, self-discipline, and cooperation are stressed. Sight-singing skills are further developed through two and three-part harmonization. Placement is by audition only. It may be necessary to purchase some materials for uniformity of dress for performance Purposes.

FO6809 - Beg Orch 1

0 credits / Full year course / Grades: 8, 6, 7

Beginning string orchestra provides students with basic training in the proper care and handling of stringed instruments, as well as the fundamentals of tone production. Music fundamentals are taught to enable students to recognize and apply musical

symbols and terms. Attitudes of cooperation and self-discipline are stressed. Winter and/or spring concerts constitute this orchestra's performance requirements. Students may be required to purchase or rent the appropriate instrument, as well as purchase some instructional materials. (Instruments may be obtained through a rental/purchase agreement.) Some instruments such as cellos, basses, and harps are provided for classroom use. An annual \$80 fee is charged to students selected by the program director to use school-owned instruments. It may be necessary to purchase some materials for uniformity of dress for performance Purposes.

FC7779 - Girls Choir II-Non-Varsity

0 credits / Full year course / Grades: 8, 7

Choral Music II expands fundamentals through poise, self confidence, performance, artistic expression, and competition. Leadership, responsibility, self-discipline, and cooperation are stressed. Sight-singing skills are further developed through two and three-part harmonization. Placement is by audition only. It may be necessary to purchase some materials for uniformity of dress for performance Purposes.

FT8809 - Theatre III Production 7-8

0 credits / Full year course / Grades: 8, 7

Students will participate in theatre performances—both as actors and technicians. Students will create characters using expressive use of the body and voice and have the opportunity to participate in theatre competitions and stage productions.

Teacher Approval Required

FC7749 - Boys Choir II-Sub-Non Varsity

0 credits / Full year course / Grades: 8, 7

Choral Music II expands fundamentals through poise, self confidence, performance, artistic expression, and competition. Leadership, responsibility, self-discipline, and cooperation are stressed. Sight-singing skills are further developed through two and three-part harmonization. Placement is by audition only. It may be necessary to purchase some materials for uniformity of dress for performance Purposes.

FO7849 - Orchestra II -- Non-Varsity

0 credits / Full year course / Grades: 8, 7

Orchestra II continues the development of instrumental musicianship. Leadership, responsibility, cooperation, self-discipline, and concentration are stressed. Orchestra students will be involved in various performances and competitions throughout the year. Placement is by audition only. Students may be required to purchase or rent their own instruments, as well as purchase some instructional materials. (Instruments may be obtained through a rental/purchase agreement.) The school furnishes some instruments, such as cellos, basses, and harps for classroom use. An annual \$80 fee is charged to students selected by the program director to use school-owned instruments. It may be necessary to purchase some materials for uniformity of dress for performance purposes.

FC8779 - Girls Choir III -- Varsity

0 credits / Full year course / Grades: 8, 7

Choral Music III emphasis is placed on developing a mature singing voice using three and four-part harmony. Vocal and ensemble techniques are reinforced. Choral singing allows students to use the skills of good musicianship, tone production, and stage presence through performance and competition. Sight-reading skills will continue to be developed. Leadership skills, cooperation, and self-discipline are reinforced through individual responsibility and teamwork. Placement is by audition only. It may be necessary to purchase some materials for uniformity of dress for performance purposes.

FO8849 - Orchestra III -- Varsity

0 credits / Full year course / Grades: 8, 6, 7

Orchestra III stresses instrumental musicianship through performance and competition. Students continue to refine and develop skills of leadership, responsibility, cooperation, self-discipline, and concentration, as well as artistic expression. Orchestra students will be involved in numerous performances and competitions throughout the year. Placement is by audition only. Students may be required to purchase or rent their own instruments, as well as purchase some instructional materials. (Instruments may be obtained through a rental/ purchase agreement.) The school furnishes some instruments, such as cellos, basses, and harps for classroom use. An annual \$80 fee is charged to students selected by the program director to use school-owned instruments. It may be necessary to purchase some materials for uniformity of dress for performance purposes.

FA8679 - Art III 8

0 credits / Full year course / Grades: 8

Students continue to practice and apply the basic elements of art and principles of design. Students continue their progress with more advanced techniques, both traditional and contemporary, using a variety of media. Originality of work and creativity are stressed in order to develop the higher-order thinking skills of evaluation, reasoning, and justification. Students are encouraged to take creative risks, thus improving their self-concept through competency with techniques and various mark making tools. Art appreciation and art history are basic to the course. Creating a portfolio of works, including the sketchbook is required. Students will have the opportunity to participate in competitions. Students may be required to purchase some materials (art kit or supply list). An art fee may be required in some instances. Sketchbooks are required.

FC7781 - Beg Girls Choir I 7-8

0 credits / Full year course / Grades: 8, 7

Choral Music I provides students with basic training in vocal production, general musicianship, and choral performance. Music fundamentals are taught to enable the student to recognize and apply musical signs, symbols, and terms. Sight-singing skills are taught using Curwen hand signs. Various performance opportunities are available throughout the year. It may be necessary to purchase some materials for uniformity of dress for performance purposes.

PH8671 - Intro TO Dance for Pe Credit

0 credits / Full year course / Grades: 8

The purpose of this course is to explore the fundamentals of movement. Aerobic fitness dance, recreational dance, and dance forms including ballet, folk/ethnic, jazz, tap, precision, hip hop, lyrical, and modern that will challenge the students to employ both fine and gross motor skills. Students receive a brief historical overview of dance.

FA7869 - Art I 7-8

0 credits / Full year course / Grades: 8, 7

This course is designed to enable students to develop their problem solving and creative thinking skills while teaching them to perceive the world around them, interpret emotion through a variety of artistic media, and evaluate their own artwork as well as the work of

other artists. Students explore basic elements of art and principles of design using a variety of media and techniques concentrating on both traditional and contemporary. Students may be required to purchase some materials (art kit or supply list). An art fee may be required in some instances. Sketchbooks are required.

FT7999 - Theatre II 7-8

0 credits / Full year course / Grades: 8, 7

Students are introduced to a variety of theatre performances and activities—both as actors and technicians. Students will experiment with expressive use of the body and voice as it relates to stage production and will have the opportunity to participate in theatre competitions and plays.

FA7879 - Art II 7-8

0 credits / Full year course / Grades: 8, 7

Students continue to explore basic elements of art and principles of design using a variety of media and techniques. Art appreciation and art history are basic to the course. Students work on honing their critical analysis skills and recreating traditional, as well as contemporary, works of art. Students will have the opportunity to participate in competitions. Students may be required to purchase some materials (art kit or supply list). An art fee may be required in some instances. Sketchbooks are required.

FB7739 - Band II-Non Varsity

0 credits / Full year course / Grades: 8, 7

Band II continues the development of instrumental musicianship. Leadership, responsibility, cooperation, self discipline, and concentration are stressed. Band students will be involved in various performances and competitions throughout the year. Placement is by audition only. Students may be required to purchase or rent their own instruments, as well as purchase some instructional materials. (Instruments may be obtained through a rental/purchase agreement.) The school furnishes some instruments such as oboes, bassoons, horns, tubas, and percussion equipment for classroom use. An annual \$80 fee is charged to students selected by the program director to use school-owned instruments. It may be necessary to purchase some materials for uniformity of dress for performance purposes.

FC7780 - Beg Boys Choir I 7-8

0 credits / Full year course / Grades: 8, 7

Choral Music I provides students with basic training in vocal production, general musicianship, and choral performance. Music fundamentals are taught to enable the student to recognize and apply musical signs, symbols, and terms. Sight-singing skills are taught using Curwen hand signs. Various performance opportunities are available throughout the year. It may be necessary to purchase some materials for uniformity of dress for performance purposes.

FT7939 - Theatre I 7-8

0 credits / Full year course / Grades: 8, 7

Students are introduced to a variety of performance opportunities and a basic understanding of the theatre. Students learn theatre preparation techniques, discover ways to communicate nonverbally, and enhance control of their voice and body. Students study a range of theatrical content and have opportunities to perform in class and in stage productions.

FB6799 - Band I

0 credits / Full year course / Grades: 8, 6, 7

In Beginning Band, students are taught the proper care and handling of instruments, as well as hand position and proper tone production. Music fundamentals are taught to enable students to recognize and apply musical symbols and terms. Attitudes toward cooperative effort and enthusiastic band spirit are stressed. Winter and/or spring concerts constitute the band's performance requirements. Students may be required to purchase or rent their own instruments, as well as purchase some instructional materials. (Instruments may be obtained through a rental/purchase agreement.) An annual \$80 fee is charged to students selected by the program director to use school-owned instruments. It may be necessary to purchase some materials for uniformity of dress for performance purposes.

FM511 - Ms Mariachi I

0 credits / Full year course / Grades: 8, 7

This course allows students the opportunity to learn Mariachi technique, style, and interpretation primarily on the guitar, vihuela, guitarrón, violin, and trumpet. Students will perform traditional, progressive, and contemporary Mariachi music. Participants are involved in many performances and competitions throughout the year. Students will attend ensemble rehearsals and performances outside of the school day. Fundraising and fees may be required for uniforms and activities.

COURSE OFFERINGS

Foreign Language

FL1021 - Span 1 Span Speakers

1 credits / 1 Semester / Grades: 9, 10, 11, 12, 8

The main objective of this course is to help heritage or native speakers of Spanish to become fully bilingual and biliterate so that they can benefit from this skill in the workforce in the future. The focus of this course is to increase students' proficiency level in all three modes of communication, recognizing that the needs of heritage and native speakers are different from those of non-native and non-heritage students of Spanish. Students are expected to achieve a minimum of intermediate-mid proficiency level by the end of this course, depending upon their beginning level.

Candidates will need to be screened for oral and written proficiency in Spanish. This course counts for high school credit and toward the HS GPA and class rank.

FL1022 - Span 2 for Span Speakers

1 credits / 1 Semester / Grades: 9, 10, 11, 12, 8

The main objective of this course is to help heritage or native speakers of Spanish to become fully bilingual and biliterate so that they can benefit from this skill in the workforce in the future. The focus of this course is to increase students' proficiency level in all three modes of communication, recognizing that the needs of heritage and native speakers are different from those of non-native and non-heritage students of Spanish. Students are expected to achieve a minimum of intermediate-mid proficiency level by the end of this course, depending upon their beginning level.

FL112 - Spanish I

1 credits / 1 Semester / Grades: 9, 10, 11, 12, 8

The goal of the study of the beginning levels of modern languages is communicative competence in authentic, real-world situations. Students in this course will develop novice-mid to novice-high proficiency in speaking, listening, reading, and writing on topics dealing with people, places, and events they are likely to encounter in everyday life. The cultural products, practices, and perspectives of the target culture(s) are integrated into all aspects of the course. This course is conducted in the target language as much as possible.

This course counts for high school credit and toward the HS GPA and class rank.

FL122 - Spanish II

1 credits / Full year course / Grades: 9, 10, 11, 12

Level II provides opportunities for students to further develop their proficiency in speaking, listening, reading, and writing on real-world topics. In this level, students go beyond their own personal lives and begin exploring topics related to the community and the world at large, as they progress toward a novice-high to intermediate-low proficiency level. The cultural products, practices, and perspectives of the target culture(s) are integrated into all aspects of the course. This course is conducted in the target language as much as possible.

FL131 - Spanish III Aac

1 credits / Full year course / Grades: 9, 10, 11, 12

Level III AAC classes provide students opportunities to develop greater proficiency in speaking, listening, reading, and writing. In addition to reaching an intermediate-low to intermediate-mid level of proficiency, students will have a deeper understanding of the language and the cultural perspectives associated with it. The units in this course focus on topics that are more global in nature than in previous levels. Level III AAC will provide specific preparation to students for the level IV AP Language and Culture course and exam. This course is conducted predominantly in the target language.

FL141 - Spanish IV AP

1 credits / Full year course / Grades: 9, 10, 11, 12

This course prepares students to demonstrate intermediate-mid to intermediate-high proficiency across the full range of language skills within a cultural frame of reference. The course will develop speaking and writing skills, as well as reading proficiency of authentic texts, both fiction and non-fiction, and listening proficiency of formal and colloquial authentic language. This course is designed to prepare students for success on the AP Language and Culture Exam in May. This course is conducted entirely in the target language.

Spanish III (Spanish III AAC recommended)

FL151 - Spanish V AP

1 credits / Full year course / Grades: 9, 10, 11, 12

Students in Spanish V AP will learn the cultural perspectives of the Spanish-speaking world, along with the practices and products that are a reflection of those perspectives as they read the variety of literary selections required for this course and exam. The course is structured around the following themes: Societies in Contact, the Construction of Gender, Time and Space, Literary Creation, Interpersonal Relationships, and the Dual Nature of Being. Classes are conducted in the target language for 100 percent of the time, with great attention to comprehensible input. Language learners in Spanish V AP are expected to reach an intermediate-high to advanced-mid proficiency level upon completion of this course, and this course prepares students for the AP exam in May.

FL212 - French I

1 credits / Full year course / Grades: 9, 10, 11, 12

The goal of the study of the beginning levels of modern languages is communicative competence in authentic, real-world situations. Students in this course will develop novice-mid to novice-high proficiency in speaking, listening, reading, and writing on topics dealing with people, places, and events they are likely to encounter in everyday life. The cultural products, practices, and perspectives of the target culture(s) are integrated into all aspects of the course. This course is conducted in the target language as much as possible.

FL222 - French II

1 credits / Full year course / Grades: 9, 10, 11, 12

Level II provides opportunities for students to further develop their proficiency in speaking, listening, reading, and writing on real-world topics. In this level, students go beyond their own personal lives and begin exploring topics related to the community and the world at large, as they progress toward a novice-high to intermediate-low proficiency level. The cultural products, practices, and perspectives of the target culture(s) are integrated into all aspects of the course. This course is conducted in the target language as much as possible.

FL231 - French III Aac

1 credits / Full year course / Grades: 9, 10, 11, 12

Level III AAC classes provide students opportunities to develop greater proficiency in speaking, listening, reading, and writing. In addition to reaching an intermediate-low to intermediate-mid level of

proficiency, students will have a deeper understanding of the language and the cultural perspectives associated with it. The units in this course focus on topics that are more global in nature than in previous levels. Level III AAC will provide specific preparation to students for the level IV AP Language and Culture course and exam. This course is conducted predominantly in the target language.

FL241 - French IV AP

1 credits / Full year course / Grades: 9, 10, 11, 12

This course prepares students to demonstrate intermediate-mid to intermediate-high proficiency across the full range of language skills within a cultural frame of reference. The course will develop speaking and writing skills, as well as reading proficiency of authentic texts, both fiction and non-fiction, and listening proficiency of formal and colloquial authentic language. This course is designed to prepare students for success on the AP Language and Culture Exam in May. This course is conducted entirely in the target language

Successful completion of French III (French III AAC recommended)

FL312 - German I

1 credits / Full year course / Grades: 9, 10, 11, 12

The goal of the study of the beginning levels of modern languages is communicative competence in authentic, real-world situations. Students in this course will develop novice-mid to novice-high proficiency in speaking, listening, reading, and writing on topics dealing with people, places, and events they are likely to encounter in everyday life. The cultural products, practices, and perspectives of the target culture(s) are integrated into all aspects of the course. This course is conducted in the target language as much as possible.

FL322 - German II

1 credits / Full year course / Grades: 9, 10, 11, 12

Level II provides opportunities for students to further develop their proficiency in speaking, listening, reading, and writing on real-world topics. In this level, students go beyond their own personal lives and begin exploring topics related to the community and the world at large, as they progress toward a novice-high to intermediate-low proficiency level. The cultural products, practices, and perspectives of the target culture(s) are integrated into all aspects of the course.

This course is conducted in the target language as much as possible.

FL331 - German III Aac

1 credits / Full year course / Grades: 9, 10, 11, 12

Level III AAC classes provide students opportunities to develop greater proficiency in speaking, listening, reading, and writing. In addition to reaching an intermediate-low to intermediate-mid level of proficiency, students will have a deeper understanding of the language and the cultural perspectives associated with it. The units in this course focus on topics that are more global in nature than in previous levels. Level III AAC will provide specific preparation to students for the level IV AP Language and Culture course and exam. This course is conducted predominantly in the target language.

FL341 - German IV AP

1 credits / Full year course / Grades: 9, 10, 11, 12

This course prepares students to demonstrate intermediate-mid to intermediate-high proficiency across the full range of language skills within a cultural frame of reference. The course will develop speaking and writing skills, as well as reading proficiency of authentic texts, both fiction and non-fiction, and listening proficiency of formal and colloquial authentic language. This course is designed to prepare students for success on the AP Language and Culture Exam in May. This course is conducted entirely in the target language.

Successful completion of German III

FL412 - Latin I

1 credits / Full year course / Grades: 9, 10, 11, 12

FL422 - Latin II

1 credits / Full year course / Grades: 9, 10, 11, 12

Language learners in Latin II are expected to reach an intermediate proficiency level upon completion of this course, according to the TEKS for LOTE. This course focuses on the development of reading and comprehension skills. Students develop a deeper understanding of the similarities and differences between the Roman world and today's world. The learning of new vocabulary and more grammatical structures is emphasized as reading progresses to longer and more complicated passages. Oral Latin is still used to help students understand reading

selections. Word studies continue to be an integral part of learning Latin.

FL431 - Latin III Aac

1 credits / Full year course / Grades: 9, 10, 11, 12

Language learners in Latin III are expected to reach an advanced low proficiency level upon completion of this course, according to the TEKS for LOTE. The focus of this course is on the development of the skills of reading and comprehension as students read more and more passages of slightly adapted and authentic classical Latin. Students further refine their understanding of the Roman world and its influence on contemporary culture. Reading passages include selections of prose and poetry. Advanced grammatical forms, vocabulary, figures of speech, and culture are integrated into the development of reading. This course will prepare students for Latin IV AP and the College Board Latin Exam.

FL441 - Latin IV AP

1 credits / Full year course / Grades: 9, 10, 11, 12

FL512 - Japanese I

1 credits / Full year course / Grades: 9, 10, 11, 12

The goal of the study of the beginning levels of modern languages is communicative competence in authentic, real-world situations. Students in this course will develop novice-mid to novice-high proficiency in speaking, listening, reading, and writing on topics dealing with people, places, and events they are likely to encounter in everyday life. The cultural products, practices, and perspectives of the target culture(s) are integrated into all aspects of the course. This course is conducted in the target language as much as possible.

FL522 - Japanese II

1 credits / Full year course / Grades: 9, 10, 11, 12

Level II provides opportunities for students to further develop their proficiency in speaking, listening, reading, and writing on real-world topics. In this level, students go beyond their own personal lives and begin exploring topics related to the community and the world at large, as they progress toward a novice-high to intermediate-low proficiency level. The cultural products, practices, and perspectives of the target culture(s) are integrated into all aspects of the course. This course is conducted in the target language as much as possible.

FL531 - Japanese III Aac

1 credits / Full year course / Grades: 9, 10, 11, 12

Level III AAC classes provide students opportunities to develop greater proficiency in speaking, listening, reading, and writing. In addition to reaching an intermediate-low to intermediate-mid level of proficiency, students will have a deeper understanding of the language and the cultural perspectives associated with it. The units in this course focus on topics that are more global in nature than in previous levels. Level III AAC will provide specific preparation to students for the level IV AP Language and Culture course and exam. This course is conducted predominantly in the target language.

FL541 - Japanese IV AP

1 credits / Full year course / Grades: 9, 10, 11, 12

This course prepares students to demonstrate intermediate-mid to intermediate-high proficiency across the full range of language skills within a cultural frame of reference. The course will develop speaking and writing skills, as well as reading proficiency of authentic texts, both fiction and non-fiction, and listening proficiency of formal and colloquial authentic language. This course is designed to prepare students for success on the AP Language and Culture Exam in May. This course is conducted entirely in the target language.

FL602 - Chinese I for Chinese Speakers

1 credits / 1 Semester / Grades: 9, 10, 11, 12

The main objective of this course is to help heritage or native speakers of Chinese to become fully bilingual and biliterate so that they can benefit from this skill in the workforce in the future. The focus of this course is to increase the student's proficiency level in all three modes of communication, recognizing that the needs of heritage and native speakers are different from those of non-native and non-heritage students of Chinese. Students are expected to achieve a minimum of intermediate- mid proficiency level by the end of this course, depending upon their beginning level.

FL603 - Chinese II for Chinese Speaker

1 credits / 1 Semester / Grades: 9, 10, 11, 12

The main objective of this course is to help heritage or native speakers of Chinese to become fully bilingual and biliterate so that they can benefit from this skill in the workforce in the future. The focus of this course is

to increase the student's proficiency level in all three modes of communication, recognizing that the needs of heritage and native speakers are different from those of non-native and non-heritage students of Chinese. Students are expected to achieve a minimum of intermediate- mid proficiency level by the end of this course, depending upon their beginning level.

FL612 - Chinese I

1 credits / Full year course / Grades: 9, 10, 11, 12

The goal of the study of the beginning levels of modern languages is communicative competence in authentic, real-world situations. Students in this course will develop novice-mid to novice-high proficiency in speaking, listening, reading, and writing on topics dealing with people, places, and events they are likely to encounter in everyday life. The cultural products, practices, and perspectives of the target culture(s) are integrated into all aspects of the course. This course is conducted in the target language as much as possible.

FL622 - Chinese II

1 credits / Full year course / Grades: 9, 10, 11, 12

Level II provides opportunities for students to further develop their proficiency in speaking, listening, reading, and writing on real-world topics. In this level, students go beyond their own personal lives and begin exploring topics related to the community and the world at large, as they progress toward a novice-high to intermediate-low proficiency level. The cultural products, practices, and perspectives of the target culture(s) are integrated into all aspects of the course. This course is conducted in the target language as much as possible.

FL631 - Chinese III Aac

1 credits / Full year course / Grades: 9, 10, 11, 12

Level III AAC classes provide students opportunities to develop greater proficiency in speaking, listening, reading, and writing. In addition to reaching an intermediate-low to intermediate-mid level of proficiency, students will have a deeper understanding of the language and the cultural perspectives associated with it. The units in this course focus on topics that are more global in nature than in previous levels. Level III AAC will provide specific preparation to students for the level IV AP Language and Culture course and exam. This course is conducted predominantly in the target language.

FL641 - Chinese IV AP

1 credits / Full year course / Grades: 9, 10, 11, 12

This course prepares students to demonstrate intermediate-mid to intermediate-high proficiency across the full range of language skills within a cultural frame of reference. The course will develop speaking and writing skills, as well as reading proficiency of authentic texts, both fiction and non-fiction, and listening proficiency of formal and colloquial authentic language. This course is designed to prepare students for success on the AP Language and Culture Exam in May. This course is conducted entirely in the target language.

FL651 - Chinese V H

1 credits / Full year course / Grades: 9, 10, 11, 12

Students in Chinese V will be assessed regularly in the three modes of communication: interpersonal (unscripted conversation in order to complete a task), interpretive (reading, listening, viewing), and presentational (rehearsed and revised oral and written products). The focus of the course is authentic, real-world communication, as students continue with a more in- depth survey of literature, civilization, and culture of the places where Mandarin Chinese is spoken, with the main emphasis on literature related to designated course themes. Some students may opt to continue preparing for the AP Language and Culture exam as a first or second attempt. Students in Chinese V will progress toward an intermediate-mid to intermediate- high level of proficiency for reading and writing, and intermediate-high to advanced-low for speaking and listening.

FL712 - Sgnlang I

1 credits / Full year course / Grades: 9, 10, 11, 12

Students in ASL I will gain awareness of cultural behaviors of the deaf signing community and participate in group discussions and role-play practices as they work toward achieving a novice- mid to novice-high proficiency level. This course will also include a brief history of ASL, discuss some of the causes of hearing loss, and provide an introduction to American deaf culture and the deaf community. Classes are conducted in the target language for 90 percent of the time (no voice), with frequent opportunities for students to practice and checks for understanding. English will be used only when necessary. NOTE: Not all colleges and universities accept ASL as fulfillment of foreign language credit.

Please check with the individual college.

FL722 - Sgnlang II

1 credits / Full year course / Grades: 9, 10, 11, 12

Students in ASL II will increase awareness of cultural behaviors of the deaf signing community, and participate in group discussions and role-play practices as they work toward achieving a novice- high to intermediate-low proficiency level. This course will also include a more in-depth look at American deaf culture and the deaf community. Classes are conducted in the target language for 90 percent of the time (no voice), with frequent opportunities for students to practice and checks for understanding. English will be used only when necessary. NOTE: Not all colleges and universities accept ASL as fulfillment of foreign language credit. Please check with the individual college.

FL732 - Sgnlang III

1 credits / Full year course / Grades: 9, 10, 11, 12

Students in ASL III will continue an in- depth study of the cultural behaviors of the deaf signing community and participate in group discussions and roleplay practices as they work toward achieving an intermediate-low to intermediate-mid proficiency level. This course will continue to examine the American deaf culture and history of ASL and will take a closer look at the role of deaf individuals in our society. Classes are conducted in the target language for 90 percent or more of the time (no voice), with frequent opportunities for students to practice and checks for understanding. English will be used only when necessary. NOTE: Not all colleges and universities accept ASL as fulfillment of foreign language credit. Please check with the individual college.

COURSE OFFERINGS

Mathematics

MA211 - Algebra I Aac

1 credits / Full year course / Grades: 9, 8, 7

This course serves as the foundation for all subsequent math courses. Students will study linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. Students will connect functions and their associated solutions in both mathematical and real-world situations. Students will use technology to collect and explore data and analyze statistical relationships. In addition, students will study polynomials of degree one and two, radical expressions, sequences, and laws of exponents. Students will generate and solve linear systems with two equations and two variables and will create new functions through transformations. AAC Algebra 1 will include a more in-depth study of the topics covered in Algebra 1. A strong emphasis is placed on increasing the development of critical thinking and problem-solving skills.

8th grade math or its equivalent must be completed prior to enrollment (equivalent can be FBISD Credit by Exam, or Gr 7 Math AAC). This course counts for high school credit and toward the HS GPA and class rank.

MA212 - Algebra I

1 credits / Full year course / Grades: 9, 10, 11, 12, 7, 8

This course serves as the foundation for all subsequent mathematics courses. Students will study linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. Students will connect functions and their associated solutions in both mathematical and real-world situations. Students will use technology to collect and explore data and analyze statistical relationships. In addition, students will study polynomials of degree one and two, radical expressions, sequences, and laws of exponents. Students will generate and solve linear systems with two equations and two variables and will create new functions through transformations.

Grade 8 math or its equivalent must be completed prior to enrollment (equivalent can be FBISD Credit by Exam, or Gr 7 Math AAC).

MA221 - Geometry Aac

1 credits / Full year course / Grades: 9, 10, 8

In this course, students will connect previous knowledge from Algebra I to Geometry within the coordinate and transformational geometry strand. Through a focus on the development of proofs students will strengthen their mathematical reasoning skills in geometric contexts. Formal constructions using a straightedge and compass will be created to make conjectures about geometric figures. Proportional reasoning skills and analysis of patterns to identify geometric properties will provide context for proofs about special segments and circles. Another focus will be on the application of formulas in multi-step situations using background knowledge in two- and three-dimensional figures. Finally, students will gain exposure to fundamental topics in probability and statistics which will prepare them for success in post-secondary education. In AAC Geometry, students will extend their work with proofs to include additional theorems and alternative proof approaches.

This course counts for high school credit and toward the HS GPA and class rank.

MA222 - Geometry

1 credits / Full year course / Grades: 9, 10, 11, 8

In this course, students will connect previous knowledge from Algebra I to Geometry within the coordinate and transformational geometry strand. Through a focus on the development of proofs, students will strengthen their mathematical reasoning skills in geometric contexts. Formal constructions using a straight edge and compass will be created to make conjectures about geometric figures. Proportional reasoning skills and analysis of patterns to identify geometric properties will provide context for proofs about special segments and circles. Another focus will be on the application of formulas in multi-step situations using background knowledge in two- and three-dimensional figures. Finally, students will gain exposure to fundamental topics in probability and statistics which will prepare them for success in post-secondary education.

MA231 - Algebra II Aac

1 credits / Full year course / Grades: 9, 10, 11, 12

This course will broaden students' knowledge of quadratic functions, exponential functions, and systems of equations. Students will study logarithmic, square root, cubic, cube root, absolute value, rational functions, and their related equations. Students will connect functions to their inverses and associated

equations and solutions in both mathematical and real-world situations using both paper and pencil and technology. In addition, students will extend their knowledge of data analysis and numeric and algebraic methods. AAC Algebra II will include a focus on functional analysis to align with the College and Career Readiness Standards. Algebra II is the required prerequisite for many fourth-year math courses.

MA232 - Algebra II

1 credits / Full year course / Grades: 9, 10, 11, 12

This course will broaden students' knowledge of quadratic functions, exponential functions, and systems of equations. Students will study logarithmic, square root, cubic, cube root, absolute value, rational functions, and their related equations. Students will connect functions to their inverses and associated equations and solutions in both mathematical and real world situations using both paper and pencil and technology. In addition, students will extend their knowledge of data analysis and numeric and algebraic methods. Algebra II is the required prerequisite for many fourth year math courses.

It is recommended that students take Geometry prior to Algebra II, though concurrent enrollment is possible. Geometry is a graduation requirement and a prerequisite for other advanced math courses.

MA232T - OnRamps Algebra II

1 credits / Full year course / Grades: 11, 12, 10

Students in this dual enrollment course will receive FBISD Algebra II credit with the opportunity to earn college credit through UT Austin. This course will provide students with a deep dive into critical thinking skills and develop the ability to persist through challenges as they study function families: Linear, Absolute Value, Quadratic, Polynomial, Radical, Rational Exponential, and Logarithmic. *Note: Onramps not offered at all campuses

MA240 - AP Pre-Calculus

1 credits / Full year course / Grades: 10, 11, 12

In AP Precalculus, students explore everyday situations and phenomena using mathematical tools and lenses. Through regular practice, students build deep mastery of modeling and functions, and they examine scenarios through multiple representations. They will learn how to observe, explore, and build

mathematical meaning from dynamic systems, an important practice for thriving in an ever-changing world. AP Pre-Calculus prepares students for other college-level mathematics and science courses. The framework delineates content and skills common to college precalculus courses that are foundational for careers in mathematics, physics, biology, health science, social science, and data science. Students study each function type through their graphical, numerical, verbal, and analytical representations and their applications in a variety of contexts. Note: AP Pre-Calculus replaces Pre-Calculus AAC.

MA240T - OnRamps Pre-Calculus

1 credits / Full year course / Grades: 12, 10, 11

Students in this dual enrollment course will receive FBISD PreCalculus credit with the opportunity to earn college credit through UT Austin. Students deepen and extend their knowledge of functions, graphs, and equations from their high school algebra and geometry courses so they can successfully work with the concepts in a rigorous university-level calculus course. *Note OnRamps is not offered at all campuses.

MA242 - Pre-Calculus

1 credits / Full year course / Grades: 10, 11, 12

This course approaches topics from a function point of view, where appropriate, and is designed to strengthen and enhance conceptual understanding and mathematical reasoning used when modeling and solving mathematical and real-world problems. Students systematically work with functions and their multiple representations. The study of PreCalculus deepens students' mathematical understanding and fluency with algebra and trigonometry and extends their ability to make connections and apply concepts and procedures at higher levels. Pre-Calculus is the preparation for Calculus.

MA242P - Pre-Calculus Dual Credit

1 credits / 1 Semester / Grades: 11, 12

Integral calculus including discussions of transcendental functions, applications of integration, techniques and improper integrals, infinite series, Taylor series, plane curves, and polar coordinates.

MA251 - AP Calculus AB

1 credits / Full year course / Grades: 11, 12

AP Calculus AB is an introductory college-level calculus course that focuses on topics that are taught in the college equivalent first semester calculus class. Students cultivate their understanding of differential and integral calculus through engaging with real-world problems represented graphically, numerically, analytically, and verbally and using definitions and theorems to build arguments and justify conclusions as they explore concepts like change, limits, and the analysis of functions. Students will select either AP Calculus AB or AP Calculus BC.

Pre Calculus

MA312 - Math Models with Applications

1 credits / Full year course / Grades: 11

****This is a third credit mathematics course only.**** In this course, students use algebraic, graphical, and geometric reasoning to recognize patterns and structure to model information and solve problems. Students will model and solve real-life problems involving money, data, chance, patterns, music, design, and science. Students will use a variety of representations, tools, and technology to link modeling techniques with mathematical concepts to solve applied problems.

MA322 - Advanced Quantitative Reasoning (AQR)

1 credits / Full year course / Grades: 11, 12, 10

This course focuses on the application of high school math concepts. It includes a strong emphasis on statistics, an ongoing thread of financial applications, and the use of mathematical models from discrete mathematics, algebra, geometry, and trigonometry to solve complex problems in a range of engaging contexts. This course is designed to prepare students for college or the workplace.

MA351 - AP Calculus BC

1 credits / Full year course / Grades: 11, 12

AP Calculus BC is an introductory college-level calculus course that focuses on topics covered in both first and second semester college calculus classes. Students cultivate their understanding of differential and integral calculus through engaging with real world problems represented graphically, numerically, analytically, and verbally and using definitions and theorems to build arguments and justify conclusions as they explore concepts like change, limits, and the analysis of functions. Students will select either AP

Calculus AB or AP Calculus BC.

MA450 - Statistics

1 credits / Full year course / Grades: 11, 12

In this course, students will build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra I. Students will broaden their knowledge of variability and statistical processes. Students will study sampling and experimentation, categorical and quantitative data, probability and random variables, inference, and bivariate data. Students will connect data and statistical processes to real-world situations. In addition, students will extend their knowledge of data analysis.

MA450T - OnRamps Statistics

1 credits / Full year course / Grades: 11, 12, 10

Students in this dual enrollment course will receive FBISD Statistics credit with the opportunity to earn college credit through UT Austin. Students develop the quantitative reasoning skills and habits of mind necessary to use data science and mathematical thinking effectively across multiple disciplines while learning the interactive applications and coding skills needed to meet the demands of higher education and the workplace. *Note: OnRamps courses not offered at all campuses.

MA451 - AP Statistics

1 credits / Full year course / Grades: 10, 11, 12

This course offers students the opportunity to receive college credit for an introductory statistics course. The purpose of the advanced placement course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students enrolled in this course will also prepare for the AP exam in May.

MA551P - Early College Trigonometry Dual Credit

0.5 credits / 1 Semester / Grades: 11, 12

Must be enrolled in ECHS at MHS, Math ready for TSI and successfully passed College Algebra Dual Credit 5552 (HCC Math 1314). This course can receive HCC 1316 credit.

MA552P - P-TECH Math for Business DC

0.5 credits / 1 Semester / Grades: 11, 12

Must be enrolled in the P-TECH WHS program. TSI ready in Math, and passed HCC Math 1314

Must be enrolled in the P-TECH WHS program and passed HCC Math 1314

MA5551 - College Algebra Dual Credit - Independent Study

0.5 credits / 1 Semester / Grades: 11, 12

MA5552 - College Algebra Dual Credit

0.5 credits / 1 Semester / Grades: 11, 12

Topics include quadratics, polynomial, rational, logarithmic, and exponential functions, system of equations, progression, sequences and series, matrices, and determinants. This course can receive HCC 1314 credit.

MA556 - Algebraic Reasoning

1 credits / Full year course / Grades: 10, 11, 12

****This course may be taken as a 3rd year or 4th mathematics credit. However, Mathematical Models with Applications (MMA) cannot be taken after Algebraic Reasoning.**** In this course, students will build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra I, continue with the development of mathematical reasoning related to algebraic understandings and processes, and deepen a foundation for studies in subsequent mathematics courses. Students will broaden their knowledge of functions and relationships, including linear, quadratic, square root, rational, cubic, cube root, exponential, absolute value, and logarithmic functions. Students will study these functions through analysis and application that includes explorations of patterns and structure, number and algebraic methods, and modeling from data using tools that build workforce and college readiness such as probes, measurement tools, and software tools, including spreadsheets.

MA662 - Multi-variable Calculus

1 credits / Full year course / Grades: 11, 12

This course is for students who have completed AP Calculus BC. It is the third year in the Calculus series. This course covers differential, integral and vector calculus for functions of more than one variable. These mathematical tools and methods are used extensively in the physical sciences, engineering, economics, and computer graphics.

MA8211 - Math 8

0 credits / Full year course / Grades: 8

The primary focal areas in eighth grade mathematics are proportionality; expressions, equations, relationships, foundations of functions; and measurement and data. Students will extend the concepts of proportionality to analyze geometric relationships and determine proportional and nonproportional situations. Students connect verbal, numeric, graphic, and symbolic representations of relationships, including equations and inequalities. Students begin to develop an understanding of functional relationships. Areas of emphasis offer opportunities for students to use geometric properties and relationships, as well as spatial reasoning, to model and analyze situations, generalize procedures, and solve problems. Students use statistics, representations of data, and reasoning to draw conclusions, evaluate arguments, and make recommendations. A personal financial literacy component will offer the opportunity for students to apply problem solving and lay the foundation to become knowledgeable consumers and investors.

MA6111 - Math 6 Aac

0 credits / Full year course / Grades: 6

Students scoring in the top 40% on Grade 5 STAAR will be automatically enrolled in Grade 6 AAC. AAC Math 6 covers the Math 6 curriculum and selected TEKS from the Math 7 curriculum. This course will prepare students to take AAC Math 7 in 7th grade. The pacing and organization of this course allows students to use investigations to develop their mathematical thinking skills. Class assignments and activities build on and expand higher level thinking skills of analysis, synthesis, and evaluation, and integrate units that promote mathematical connections.

MA6211 - Math 6

0 credits / Full year course / Grades: 6

The primary focal areas in sixth grade mathematics are numbers and operations; proportionality; expressions and equations; and measurement and data. Students will add, subtract, multiply, and divide positive rational numbers and develop the concept of proportionality. The areas of emphasis will focus on development of algebraic thinking through representation of relationships including equations and inequalities. Students will communicate data using appropriate statistics, representations of data, and reasoning to draw conclusions, evaluate arguments, and make recommendations. A personal financial literacy component will offer the opportunity for

students to apply problem solving and develop economic thinking.

MA7111 - Math 7 Aac

0 credits / Full year course / Grades: 7

AAC Math 7 is an accelerated course that covers a portion of the 7th grade math curriculum and a majority of the 8th grade math curriculum. This course will prepare students to take AAC Algebra I in 8th grade. The pacing and organization of this course allows students to use investigations to develop their mathematical thinking skills. Class assignments and activities build on and expand higher level thinking skills of analysis, synthesis and evaluation, and integrate units that promote mathematical connections. Students are provided opportunities for extension and application of content and processes.

MA7211 - Math 7

0 credits / Full year course / Grades: 7

The primary focal areas of seventh grade mathematics are numbers and operations; proportionality; expressions, equations, and relationships; and measurement and data. Students will solve mathematical and real world problems involving operations with rational numbers and continue to develop their understanding of proportionality. Emphasis will be placed on developing algebraic reasoning through the study of expressions, equations, and mathematical relationships. Students will communicate these relationships using verbal, graphic, numeric, and symbolic representations of equations and inequalities. Students will continue their study of statistics to include probability, making predictions and determining solutions to problems. Students will use appropriate statistics, representations of data, and reasoning to draw conclusions, evaluate arguments, and make recommendations. A personal financial literacy component will offer the opportunity for students to apply problem solving and develop economic thinking.

COURSE OFFERINGS

Physical Education

PB1131 - Basketball 1 Yr B

0.5 credits / 1 Semester / Grades: 9

PB1132 - Basketball 1 Yr B

0.5 credits / 1 Semester / Grades: 9

PB1231 - Basketball 2 Yr B

0.5 credits / 1 Semester / Grades: 10, 11, 12

PB1232 - Basketball 2 Yr B

0.5 credits / 1 Semester / Grades: 10, 11, 12

PB1621 - Basketball 3 Yr B

0.5 credits / 1 Semester / Grades: 11

PB1622 - Basketball 3 Yr B

0.5 credits / 1 Semester / Grades: 11

PB1631 - Basketball 4 Yr B

0.5 credits / 1 Semester / Grades: 12

PB1632 - Basketball 4 Yr B

0.5 credits / 1 Semester / Grades: 12

PB2131 - Basketball 1 Yr G

0.5 credits / 1 Semester / Grades: 9

PB2132 - Basketball 1 Yr G

0.5 credits / 1 Semester / Grades: 9

PB2231 - Basketball 2 Yr G

0.5 credits / 1 Semester / Grades: 10

PB2232 - Basketball 2 Yr G

0.5 credits / 1 Semester / Grades: 10

PB2621 - Basketball 3 Yr G

0.5 credits / 1 Semester / Grades: 11

PB2622 - Basketball 3 Yr G

0.5 credits / 1 Semester / Grades: 11

PB2631 - Basketball 4 Yr G

0.5 credits / 1 Semester / Grades: 12

PB2632 - Basketball 4 Yr G

0.5 credits / 1 Semester / Grades: 12

PC1131 - Cross Country 1 Yr B

0.5 credits / 1 Semester / Grades: 9

PC1132 - Cross Country 1 Yr B

0.5 credits / 1 Semester / Grades: 9

PC1231 - Cross Country 2 Yr B

0.5 credits / 1 Semester / Grades: 10

PC1232 - Cross Country 2 Yr B

0.5 credits / 1 Semester / Grades: 10

PC1621 - Cross Country 3 Yr B

0.5 credits / 1 Semester / Grades: 11

PC1622 - Cross Country 3 Yr B

0.5 credits / 1 Semester / Grades: 11

PC1631 - Cross Country 4 Yr B

0.5 credits / 1 Semester / Grades: 12

PC1632 - Cross Country 4 Yr B

0.5 credits / 1 Semester / Grades: 12

PC2131 - Cross Country 1 Yr G

0.5 credits / 1 Semester / Grades: 9

PC2132 - Cross Country 1 Yr G

0.5 credits / 1 Semester / Grades: 9

PC2231 - Cross Country 2 Yr G

0.5 credits / 1 Semester / Grades: 10

PC2232 - Cross Country 2 Yr G

0.5 credits / 1 Semester / Grades: 10

PC2621 - Cross Country 3 Yr G

0.5 credits / 1 Semester / Grades: 11

PC2622 - Cross Country 3 Yr G

0.5 credits / 1 Semester / Grades: 11

PC2631 - Cross Country 4 Yr G

0.5 credits / 1 Semester / Grades: 12

PC2632 - Cross Country 4 Yr G

0.5 credits / 1 Semester / Grades: 12

PE211 - Skill-Based Lifetime Activ -- B

1 credits / Full year course / Grades: 9, 10, 11, 12

The Skill-Based Lifetime Activities course offers students the opportunity to demonstrate mastery in basic sport skills, basic sport knowledge, and health and fitness principles. Students experience opportunities that promote physical literacy and lifetime wellness. Students in Skill-Based Lifetime Activities participate in a lifelong activities that include sending an object toward a target; striking and fielding games are activities in which students striking an object in order to score points within a game; fitness activities that provide opportunities for students to apply fitness principles to accomplish an objective; rhythmic activities provide opportunities for students to demonstrate or create movement sequences with rhythm; and innovative games and activities with international significance are those games and activities that use new or innovative equipment, have been created by students, or are played internationally.

PE221 - Lifetime Fit AND Well Purs -- B

1 credits / Full year course / Grades: 9, 10, 11, 12

The Lifetime Fitness and Wellness Pursuits course offers current approaches for the foundation of personal fitness, physical literacy, lifetime wellness, and healthy living. Students in Lifetime Fitness and Wellness Pursuits will apply the knowledge and skills to demonstrate mastery of the concepts needed to achieve lifetime wellness. Students will participate in a variety of physical activities for attaining personal fitness and lifetime wellness.

PE221P - ECHS Dual Credit Personal/Community Health Boys

1 credits / 1 Semester / Grades: 10, 11, 12

This course provides an introduction to the fundamentals, concepts, strategies, applications, and contemporary trends related to understanding personal and/or community health issues. This course also focuses on empowering various populations with the ability to practice healthy living, promote healthy lifestyles, and enhance individual well-being.

PE311 - Skill-Based Lifetime Activ -- G

1 credits / Full year course / Grades: 9, 10, 11, 12

The Skill-Based Lifetime Activities course offers students the opportunity to demonstrate mastery in

basic sport skills, basic sport knowledge, and health and fitness principles. Students experience opportunities that promote physical literacy and lifetime wellness. Students in Skill-Based Lifetime Activities participate in a lifelong activities that include sending an object toward a target; striking and fielding games are activities in which students striking an object in order to score points within a game; fitness activities that provide opportunities for students to apply fitness principles to accomplish an objective; rhythmic activities provide opportunities for students to demonstrate or create movement sequences with rhythm; and innovative games and activities with international significance are those games and activities that use new or innovative equipment, have been created by students, or are played internationally.

PE321 - Lifetime Fit AND Well Purs -- G

1 credits / Full year course / Grades: 9, 10, 11, 12

The Lifetime Fitness and Wellness Pursuits course offers current approaches for the foundation of personal fitness, physical literacy, lifetime wellness, and healthy living. Students in Lifetime Fitness and Wellness Pursuits will apply the knowledge and skills to demonstrate mastery of the concepts needed to achieve lifetime wellness. Students will participate in a variety of physical activities for attaining personal fitness and lifetime wellness.

PE321P - ECHS Dual Credit Personal/Community Health Girls

1 credits / 1 Semester / Grades: 10, 11, 12

This course provides an introduction to the fundamentals, concepts, strategies, applications, and contemporary trends related to understanding personal and/or community health issues. This course also focuses on empowering various populations with the ability to practice healthy living, promote healthy lifestyles, and enhance individual well-being.

PF1131 - Football 1 Yr

0.5 credits / 1 Semester / Grades: 9

PF1132 - Football 1 Yr

0.5 credits / 1 Semester / Grades: 9

PF1231 - Football 2nd Yr

0.5 credits / 1 Semester / Grades: 10

PF1232 - Football 2nd Yr

0.5 credits / 1 Semester / Grades: 10

PF1621 - Football 3 Yr

0.5 credits / 1 Semester / Grades: 11

PF1622 - Football 3 Yr

0.5 credits / 1 Semester / Grades: 11

PF1631 - Football 4 Yr

0.5 credits / 1 Semester / Grades: 12

PF1632 - Football 4 Yr

0.5 credits / 1 Semester / Grades: 12

PG1131 - Golf 1 Yr B

0.5 credits / 1 Semester / Grades: 9

PG1132 - Golf 1 Yr B

0.5 credits / 1 Semester / Grades: 9

PG1231 - Golf 2 Yr B

0.5 credits / 1 Semester / Grades: 10

PG1232 - Golf 2 Yr B

0.5 credits / 1 Semester / Grades: 10

PG1621 - Golf 3 Yr B

0.5 credits / 1 Semester / Grades: 11

PG1622 - Golf 3 Yr B

0.5 credits / 1 Semester / Grades: 11

PG1631 - Golf 4 Yr B

0.5 credits / 1 Semester / Grades: 12

PG1632 - Golf 4 Yr B

0.5 credits / 1 Semester / Grades: 12

PG2131 - Golf 1 Yr G

0.5 credits / 1 Semester / Grades: 9

PG2132 - Golf 1 Yr G

0.5 credits / 1 Semester / Grades: 9

PG2231 - Golf 2 Yr G

0.5 credits / 1 Semester / Grades: 10

PG2232 - Golf 2 Yr G

0.5 credits / 1 Semester / Grades: 10

PG2621 - Golf 3 Yr G

0.5 credits / 1 Semester / Grades: 11

PG2622 - Golf 3 Yr G

0.5 credits / 1 Semester / Grades: 11

PG2631 - Golf 4 Yr G

0.5 credits / 1 Semester / Grades: 12

PG2632 - Golf 4 Yr G

0.5 credits / 1 Semester / Grades: 12

PH0111 - Health

0.5 credits / 1 Semester / Grades: 9, 10, 11, 12

The goal of health education is to equip students with the knowledge and skills to make healthy decisions. The course includes mental/emotional, physical, and social health concepts that support the "whole child."

PH0112 - Health

0.5 credits / 1 Semester / Grades: 9, 10, 11, 12

The goal of health education is to equip students with the knowledge and skills to make healthy decisions. The course includes mental/emotional, physical, and social health concepts that support the "whole child."

PL2031 - Cheerleader 3 Yr

0.5 credits / 1 Semester / Grades: 11

PL2032 - Cheerleader 3 Yr

0.5 credits / 1 Semester / Grades: 11

PL2041 - Cheerleader 4 Yr

0.5 credits / 1 Semester / Grades: 12

PL2042 - Cheerleader 4 Yr

0.5 credits / 1 Semester / Grades: 12

PL2731 - Cheerleader 1 Yr

0.5 credits / 1 Semester / Grades: 9

PL2732 - Cheerleader 1 Yr

0.5 credits / 1 Semester / Grades: 9

PL2831 - Cheerleader 2 Yr

0.5 credits / 1 Semester / Grades: 10

PL2832 - Cheerleader 2 Yr

0.5 credits / 1 Semester / Grades: 10

PO1131 - Soccer 1 Yr B

0.5 credits / 1 Semester / Grades: 11

PO1132 - Soccer 1 Yr B

0.5 credits / 1 Semester / Grades: 9

PO1231 - Soccer 2 Yr B

0.5 credits / 1 Semester / Grades: 10

PO1232 - Soccer 2 Yr B

0.5 credits / 1 Semester / Grades: 10

PO1621 - Soccer 3 Yr B

0.5 credits / 1 Semester / Grades: 11

PO1622 - Soccer 3 Yr B

0.5 credits / 1 Semester / Grades: 11

PO1631 - Soccer 4 Yr B

0.5 credits / 1 Semester / Grades: 12

PO1632 - Soccer 4 Yr B

0.5 credits / 1 Semester / Grades: 12

PO2131 - Soccer 1 Yr G

0.5 credits / 1 Semester / Grades: 9

PO2132 - Soccer 1 Yr G

0.5 credits / 1 Semester / Grades: 9

PO2231 - Soccer 2 Yr G

0.5 credits / 1 Semester / Grades: 10

PO2232 - Soccer 2 Yr G

0.5 credits / 1 Semester / Grades: 10

PO2621 - Soccer 3 Yr G

0.5 credits / 1 Semester / Grades: 11

PO2622 - Soccer 3 Yr G

0.5 credits / 1 Semester / Grades: 11

PO2631 - Soccer 4 Yr G

0.5 credits / 1 Semester / Grades: 12

PO2632 - Soccer 4 Yr G

0.5 credits / 1 Semester / Grades: 12

PR1131 - Track 1 Yr B

0.5 credits / 1 Semester / Grades: 9

PR1132 - Track 1 Yr B

0.5 credits / 1 Semester / Grades: 9

PR1231 - Track 2 Yr B

0.5 credits / 1 Semester / Grades: 10

PR1232 - Track 2 Yr B

0.5 credits / 1 Semester / Grades: 10

PR1621 - Track 3 Yr B

0.5 credits / 1 Semester / Grades: 11

PR1622 - Track 3 Yr B

0.5 credits / 1 Semester / Grades: 11

PR1631 - Track 4 Yr B

0.5 credits / 1 Semester / Grades: 12

PR1632 - Track 4 Yr B

0.5 credits / 1 Semester / Grades: 12

PR2131 - Track 1 Yr G

0.5 credits / 1 Semester / Grades: 9

PR2132 - Track 1 Yr G

0.5 credits / 1 Semester / Grades: 9

PR2231 - Track 2 Yr G

0.5 credits / 1 Semester / Grades: 10

PR2232 - Track 2 Yr G

0.5 credits / 1 Semester / Grades: 10

PR2621 - Track 3 Yr G

0.5 credits / 1 Semester / Grades: 11

PR2622 - Track 3 Yr G

0.5 credits / 1 Semester / Grades: 11

PR2631 - Track 4 Yr G

0.5 credits / 1 Semester / Grades: 12

PR2632 - Track 4 Yr G

0.5 credits / 1 Semester / Grades: 12

PS1131 - Baseball 1 Yr

0.5 credits / 1 Semester / Grades: 9

PS1132 - Baseball 1 Yr

0.5 credits / 1 Semester / Grades: 9

PS1231 - Baseball 2 Yr

0.5 credits / 1 Semester / Grades: 10

PS1232 - Baseball 2 Yr

0.5 credits / 1 Semester / Grades: 10

PS1621 - Baseball 3 Yr

0.5 credits / 1 Semester / Grades: 11

PS1622 - Baseball 3 Yr

0.5 credits / 1 Semester / Grades: 11

PS1631 - Baseball 4 Yr

0.5 credits / 1 Semester / Grades: 12

PS1632 - Baseball 4 Yr

0.5 credits / 1 Semester / Grades: 12

PS2131 - Softball 1 Yr

0.5 credits / 1 Semester / Grades: 9

PS2132 - Softball 1 Yr

0.5 credits / 1 Semester / Grades: 9

PS2231 - Softball 2 Yr

0.5 credits / 1 Semester / Grades: 10

PS2232 - Softball 2 Yr

0.5 credits / 1 Semester / Grades: 10

PS2621 - Softball 3 Yr

0.5 credits / 1 Semester / Grades: 11

PS2622 - Softball 3 Yr

0.5 credits / 1 Semester / Grades: 11

PS2631 - Softball 4 Yr

0.5 credits / 1 Semester / Grades: 12

PS2632 - Softball 4 Yr

0.5 credits / 1 Semester / Grades: 12

PT1131 - Tennis 1 Yr B

0.5 credits / 1 Semester / Grades: 9

PT1132 - Tennis 1 Yr B

0.5 credits / 1 Semester / Grades: 9

PT1231 - Tennis 2 Yr B

0.5 credits / 1 Semester / Grades: 10

PT1232 - Tennis 2 Yr B

0.5 credits / 1 Semester / Grades: 10

PT1621 - Tennis 3 Yr B

0.5 credits / 1 Semester / Grades: 11

PT1622 - Tennis 3 Yr B

0.5 credits / 1 Semester / Grades: 11

PT1631 - Tennis 4 Yr B

0.5 credits / 1 Semester / Grades: 12

PT1632 - Tennis 4 Yr B

0.5 credits / 1 Semester / Grades: 12

PT2131 - Tennis 1 Yr G

0.5 credits / 1 Semester / Grades: 9

PT2132 - Tennis 1 Yr G

0.5 credits / 1 Semester / Grades: 9

PT2231 - Tennis 2 Yr G

0.5 credits / 1 Semester / Grades: 10

PT2232 - Tennis 2 Yr G

0.5 credits / 1 Semester / Grades: 10

PT2621 - Tennis 3 Yr G

0.5 credits / 1 Semester / Grades: 11

PT2622 - Tennis 3 Yr G

0.5 credits / 1 Semester / Grades: 11

PT2631 - Tennis 4 G Yr

0.5 credits / 1 Semester / Grades: 12

PT2632 - Tennis 4 G Yr

0.5 credits / 1 Semester / Grades: 12

PV2131 - Volleyball 1 Yr

0.5 credits / 1 Semester / Grades: 9

PV2132 - Volleyball 1 Yr

0.5 credits / 1 Semester / Grades: 9

PV2231 - Volleyball 2 Yr

0.5 credits / 1 Semester / Grades: 10

PV2232 - Volleyball 2 Yr

0.5 credits / 1 Semester / Grades: 10

PV2621 - Volleyball 3 Yr

0.5 credits / 1 Semester / Grades: 11

PV2622 - Volleyball 3 Yr

0.5 credits / 1 Semester / Grades: 11

PV2631 - Volleyball 4 Yr

0.5 credits / 1 Semester / Grades: 12

PV2632 - Volleyball 4 Yr

0.5 credits / 1 Semester / Grades: 12

PW1131 - Swim 1 YR B AM

0.5 credits / 1 Semester / Grades: 9

PW1132 - Swim 1 YR B AM

0.5 credits / 1 Semester / Grades: 9

PW1133 - Water Polo 1 YR B PM

0.5 credits / 1 Semester / Grades: 9

PW1134 - Water Polo 1 YR B PM

0.5 credits / 1 Semester / Grades: 9

PW1231 - Swim 2 YR B AM

0.5 credits / 1 Semester / Grades: 10

PW1232 - Swim 2 YR B AM

0.5 credits / 1 Semester / Grades: 10

PW1233 - Water Polo 2 YR B PM

0.5 credits / 1 Semester / Grades: 10

PW1234 - Water Polo 2 YR B PM

0.5 credits / 1 Semester / Grades: 10

PW1621 - Swim 3 YR B AM

0.5 credits / 1 Semester / Grades: 11

PW1622 - Swim 3 YR B AM

0.5 credits / 1 Semester / Grades: 11

PW1623 - Water Polo 3 YR B PM

0.5 credits / 1 Semester / Grades: 11

PW1624 - Water Polo 3 YR B PM

0.5 credits / 1 Semester / Grades: 11

PW1631 - Swim 4 YR B AM

0.5 credits / 1 Semester / Grades: 12

PW1632 - Swim 4 YR B AM

0.5 credits / 1 Semester / Grades: 12

PW1633 - Water Polo 4 YR B PM

0.5 credits / 1 Semester / Grades: 12

PW1634 - Water Polo 4 YR B PM

0.5 credits / 1 Semester / Grades: 12

PW2131 - Swim 1 YR G AM

0.5 credits / 1 Semester / Grades: 9

PW2132 - Swim 1 YR G AM

0.5 credits / 1 Semester / Grades: 9

PW2133 - Water Polo 1 YR G PM

0.5 credits / 1 Semester / Grades: 9

PW2134 - Water Polo 1 YR G PM

0.5 credits / 1 Semester / Grades: 9

PW2231 - Swim 2 YR G AM

0.5 credits / 1 Semester / Grades: 10

PW2232 - Swim 2 YR G AM

0.5 credits / 1 Semester / Grades: 10

PW2233 - Water Polo 2 YR G PM

0.5 credits / 1 Semester / Grades: 10

PW2621 - Swim 3 YR G AM

0.5 credits / 1 Semester / Grades: 11

PW2622 - Swim 3 YR G AM

0.5 credits / 1 Semester / Grades: 11

PW2623 - Water Polo 3 YR G PM

0.5 credits / 1 Semester / Grades: 11

PW2624 - Water Polo 3 YR G PM

0.5 credits / 1 Semester / Grades: 11

PW2631 - Swim 4 Yr G

0.5 credits / 1 Semester / Grades: 12

PW2632 - Swim 4 Yr G

0.5 credits / 1 Semester / Grades: 12

PW2633 - Water Polo 4 YR G PM

0.5 credits / 1 Semester / Grades: 12

PW2634 - Water Polo 4 YR G PM

0.5 credits / 1 Semester / Grades: 12

RO111 - Jrotc I

1 credits / Full year course / Grades: 9

The JROTC programs emphasize character education, student achievement, wellness, leadership, and diversity. Students are trained in military history, leadership protocol, weaponry, and drill in a specific military branch. JROTC makes significant contributions to the school environment and community as a whole while fostering servant leadership. Students shall maintain at least normal progression of academic achievement leading toward graduation. Acceptable standards of conduct as defined by the Military Service are critical to student success. Students who participate in JROTC are under no military obligation following high school. JROTC I (RO111) counts as a Physical Education substitution.

RO121 - Jrotc II

1 credits / Full year course / Grades: 10

The JROTC programs emphasize character education, student achievement, wellness, leadership, and diversity. Students are trained in military history, leadership protocol, weaponry, and drill in a specific military branch. JROTC makes significant contributions to the school environment and community as a whole while fostering servant leadership. Students shall maintain at least normal progression of academic achievement leading toward graduation. Acceptable standards of conduct as defined by the Military Service are critical to student success. Students who participate in JROTC are under no military obligation following high school. JROTC I (RO111) counts as a Physical Education substitution.

Does not count for PE credit.

RO132 - Jrotc III

1 credits / Full year course / Grades: 11

The JROTC programs emphasize character education, student achievement, wellness, leadership, and diversity. Students are trained in military history, leadership protocol, weaponry, and drill in a specific military branch. JROTC makes significant contributions to the school environment and community as a whole while fostering servant leadership. Students shall maintain at least normal progression of academic achievement leading toward graduation. Acceptable

standards of conduct as defined by the Military Service are critical to student success. Students who participate in JROTC are under no military obligation following high school. JROTC I (RO111) counts as a Physical Education substitution.

Does not count for PE credit.

RO142 - Jrotc IV

1 credits / Full year course / Grades: 12

The JROTC programs emphasize character education, student achievement, wellness, leadership, and diversity. Students are trained in military history, leadership protocol, weaponry, and drill in a specific military branch. JROTC makes significant contributions to the school environment and community as a whole while fostering servant leadership. Students shall maintain at least normal progression of academic achievement leading toward graduation. Acceptable standards of conduct as defined by the Military Service are critical to student success. Students who participate in JROTC are under no military obligation following high school. JROTC I (RO111) counts as a Physical Education substitution.

Does not count for PE credit.

PH6640 - Pe 6 Kickstart

0 credits / Full year course / Grades: 6

The purpose of this course is to teach students the tools and support necessary to resolve conflicts, avoid participation in gangs, choose a drug-free lifestyle, resist negative peer pressure, and remain in school using karate. This safe and structured program focuses on the discipline and philosophies of the martial arts while engaging the students in fitness and educating them about self-defense. Parent/ guardian permission is required along with a participation fee. Seventh grade-students must take ½ year of Health.

PH7638 - Health 7

0 credits / 1 Semester / Grades: 7

The goal of health education is to equip students with the skills to demonstrate healthy life decisions to promote personal wellness. The health education curriculum is designed to teach adolescents health knowledge, attitudes, and decision-making skills to make informed decisions about their health. Topics include alcohol/drug abuse prevention, safety, cardiopulmonary resuscitation (CPR), human growth

and development, personal and social development, nutrition and fitness, mental health, and communicable and noncommunicable diseases. All 7th graders should take – ½ year of PE and ½ year of Health.

PH7639 - Pe 7

0 credits / 1 Semester / Grades: 7

The middle school physical education program offers a variety of activities to enhance the physical and social development of each student. The activities include physical fitness, team sports, individual sports, and lifetime activities. To participate in organized athletics (including athletic periods), the UIL requires students to have a physical examination by a physician each year and maintain passing grades in their classes. All 7th graders will take ½ year of PE and ½ year of Health.

PH7640 - Pe 7 Kickstart

0 credits / 1 Semester / Grades: 7

The purpose of this course is to teach students the tools and support necessary to resolve conflicts, avoid participation in gangs, choose a drug-free lifestyle, resist negative peer pressure, and remain in school using karate. This safe and structured program focuses on the discipline and philosophies of the martial arts while engaging the students in fitness and educating them about self-defense. Parent/ guardian permission is required along with a participation fee. Seventh grade-students must take ½ year of Health.

PH6639 - Pe 6

0 credits / Full year course / Grades: 6

The middle school physical education program offers a variety of activities to enhance the physical and social development of each student. The activities include physical fitness, team sports, individual sports, and lifetime activities. 6th grade – 1 year of PE 7th grade – ½ year of PE (½ year of Health) 8th grade – 1 year of PE To participate in organized athletics (including athletic periods), the UIL requires students to have a physical examination by a physician each year and maintain passing grades in their classes.

PH8670 - Pe 8 Kickstart

0 credits / Full year course / Grades: 8

The purpose of this course is to teach students the tools and support necessary to resolve conflicts, avoid participation in gangs, choose a drug-free lifestyle,

resist negative peer pressure, and remain in school using karate. This safe and structured program focuses on the discipline and philosophies of the martial arts while engaging the students in fitness and educating them about self-defense. Parent/ guardian permission is required along with a participation fee.

PH8669 - Pe Full Yr 8

0 credits / Full year course / Grades: 8

The middle school physical education program offers a variety of activities to enhance the physical and social development of each student. The activities include physical fitness, team sports, individual sports, and lifetime activities. A student 8th grade will need to take 1 full year of PE. To participate in organized athletics (including athletic periods), the UIL requires students to have a physical examination by a physician each year and maintain passing grades in their classes.

PMB02 - Pe Substitution Marching Band

0.5 credits / 1 Semester / Grades: 9, 10

Students will be concurrently enrolled in a .5 credit, 0-period, Marching Band PE Substitution course during the Fall semester of their freshman and sophomore year, which will meet the graduation requirement for one credit of PE. Class of 2028 and beyond.

Concurrent enrollment in a Band I or Band II course during the fall semester.

PB222N - Basketball 3 Yr G Gpa Exempt

0.5 credits / 1 Semester / Grades: 11, 12

This course includes competitive UIL individual and team sports. Fair play and sportsmanship are included. After two .5 credits are earned, additional credits will be awarded as elective credit. **This course is exempt from GPA calculation.**

COURSE OFFERINGS

Science

SC112 - Environmental Systems

1 credits / Full year course / Grades: 11, 12

This course emphasizes the impact of major changes in the environment and critical environmental issues related to society and technology. Students will study a variety of topics that include biotic and abiotic factors in habitats, ecosystems and biomes, interrelationships among resources and an environmental system, sources, and flow of energy through an environmental system, relationship between carrying capacity and changes in populations and ecosystems, and changes in environments. Emphasis of these topics is given to the relationships and responsibilities of humans to their environment and resources in and around their community. Student investigations will emphasize accurate observations, collection of data, data analysis, and the safe manipulation of laboratory apparatus and materials in the lab.

SC112I - Environmental Systems I

1 credits / Full year course / Grades: 11, 12

SC122 - Aquatic Science

1 credits / Full year course / Grades: 10, 11, 12

Aquatic Science is a study of the interactions between abiotic and biotic factors in marine and freshwater habitats as they relate to the environment.

Maintenance of aquaria can be used in solving problems arising in the operation of fisheries, aquatic farms, waste disposal, and sanitation and water supply. Student investigations will emphasize observations, collection of data, data analysis, and the safe manipulation of laboratory apparatus and materials in the lab as it relates to aquatic systems. Students who successfully complete Aquatic Science will acquire knowledge about a variety of aquatic systems, conduct investigations and observations of aquatic environments, work collaboratively with peers, and develop critical-thinking and problem-solving skills.

SC152 - Astronomy

1 credits / Full year course / Grades: 11, 12

In Astronomy, students conduct laboratory and field investigations, use scientific methods, and make informed decisions using critical thinking and scientific

problem solving. Students study the following topics: astronomy in civilization, patterns and objects in the sky, our place in space, the moon, reasons for the seasons, planets, the sun, stars, galaxies, cosmology, and space exploration. Computer applications will be used as part of laboratory investigations. Students will be encouraged to make independent astronomical observations. Students who successfully complete Astronomy will acquire knowledge within a conceptual framework, conduct observations of the sky, work collaboratively, and develop critical thinking skills.

SC312 - Integrated Physics and Chemistry

1 credits / Full year course / Grades: 9, 10

IPC integrates the disciplines of physics and chemistry in topics such as force, motion, energy, and matter. The use of technology and laboratory investigations is a primary focus in instruction. Student investigations will emphasize accurate observations, collection of data, data analysis, and the safe manipulation of laboratory apparatus and materials in the lab.

SC321 - Biology Aac

1 credits / Full year course / Grades: 9, 10, 8

This course is for students who are highly motivated and interested in a rigorous science program. AAC Biology covers the biology curriculum and allows students to construct their own understanding through an inquiry-based approach while encouraging advanced skills, in-depth discussion, more comprehensive lab work and increased independent study. Class assignments and activities build on and expand higher-level thinking skills of analysis, synthesis, evaluation, and integrate units that promote scientific connections and connections with other disciplines. Students are provided opportunities for extension and application of content and processes. Special projects are assigned during the year, which require individual research on the Internet or at a local library. Classroom presentations are expected. AAC Biology will include content and skill developed to prepare students to take AP Biology.

SC322 - Biology

1 credits / Full year course / Grades: 9, 10

Biology is the study of life. This course includes the study of the structures and functions of cells and viruses, metabolism and energy transformations in living organisms, comparative survey of life processes, diversity of life, nucleic acids and genetics, and the

interdependence of organisms and their environment. This course allows students to construct their own understanding through an inquiry based approach. Investigations emphasize process skill development and safe manipulation of laboratory apparatus and materials in the field and laboratory.

SC331 - Chemistry AAC

1 credits / Full year course / Grades: 10, 11, 12

AAC Chemistry covers the Chemistry curriculum and allows students to construct their own understanding through an inquiry-based approach while encouraging advanced skills, in-depth discussion, more comprehensive lab work and increased independent study. Class assignments and activities build on and expand higher level thinking skills of analysis, synthesis, evaluation, and integrate units that promote scientific connections and connections with other disciplines. Students are provided opportunities for extension and application of content and processes. Special projects are assigned during the year, which require individual research on the Internet or at a local library. Classroom presentations are expected. AAC Chemistry will include content and skill development to prepare students for AP Chemistry.

SC332 - Chemistry

1 credits / Full year course / Grades: 10, 11, 12

In Chemistry, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include characteristics of matter, use of the Periodic Table, development of atomic theory and chemical bonding, chemical stoichiometry, gas laws, solution chemistry, thermochemistry, and nuclear chemistry. This course allows students to construct their own understanding through an inquiry-based approach. Students will investigate and apply critical thinking skills to understand how chemistry is an integral part of our daily lives.

SC342 - Physics

1 credits / Full year course / Grades: 9, 10, 11, 12

In Physics, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include laws of

motion; changes within physical systems and conservation of energy and momentum; forces; thermodynamics; characteristics and behavior of waves; and atomic, nuclear, and quantum physics. This course allows students to construct their own understanding through an inquiry-based approach. Students who successfully complete Physics will acquire factual knowledge within a conceptual framework, practice experimental design and interpretation, work collaboratively with colleagues, and develop critical thinking skills.

SC342T - OnRamps Physics

1 credits / Full year course / Grades: 10, 11, 12

Students in this dual enrollment course will receive FBISD Physics credit with the opportunity to earn college credit through UT Austin. Mechanics, Heat, and Sound introduces big ideas in physics, such as Newtonian mechanics (including motion, force, energy, and rotation), as well as solid and fluid mechanics, oscillations, waves, sound, and heat. *Note: OnRamps not available at all campuses.

SC3511 - AP Biology

1 credits / Full year course / Grades: 11, 12

SC3513 - AP-Biology A

0.5 credits / 1 Semester / Grades: 11, 12, 10

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes, energy and communication, genetics, information transfer, ecology, and interactions. This course requires that 25 percent of the instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to apply the science practices. Students enrolled in this course will also prepare for the AP exam in May.

SC3514 - AP Biology B

0.5 credits / 1 Semester / Grades: 11, 12, 10

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes, energy and communication, genetics, information transfer, ecology, and interactions. This course requires that 25 percent of the instructional

time will be spent in hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to apply the science practices. Students enrolled in this course will also prepare for the AP exam in May.

SC351T - OnRamps Biology

1 credits / Full year course / Grades: 11, 12, 10

Students in this dual enrollment course will receive FBISD credit with the opportunity to earn college credit through UT Austin. This year-long course explores three big ideas of biology: the structure and function of biomolecules, the flow of energy through living systems via photosynthesis and cellular respiration, and how genetic information is expressed and transmitted both within and between cells. *Note: OnRamps not offered at all campuses.

SC3613 - AP Chemistry A

0.5 credits / 1 Semester / Grades: 11, 12, 10

The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore content such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. This course requires that 25 percent of instructional time engages students in lab investigations. Students enrolled in this course will also prepare for the AP exam in May.

SC3614 - AP Chemistry B

0.5 credits / 1 Semester / Grades: 11, 12, 10

The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore content such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. This course requires that 25 percent of instructional time engages students in lab investigations. Students enrolled in this course will also prepare for the AP exam in May.

SC3814 - AP-Physics C Electricity and Magnetism

1 credits / 1 Semester / Grades: 11, 12

Electricity and Magnetism is a calculus-based, college-level physics course, especially appropriate for students planning to specialize in or major in physical science or engineering. The course explores topics such as electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. Introductory differential and integral calculus are used throughout the course. AP Physics C: Electricity and Magnetism should include a hands-on laboratory component comparable to a semester-long introductory college-level physics laboratory. Students should spend a minimum of 25% of instructional time engaged in hands-on laboratory work. Students ask questions, make observations and predictions, design experiments, analyze data, and construct arguments in a collaborative setting, where they direct and monitor their progress. The AP Physics C exam is unique in that it is administered as two separate one and one-half hour exams: one in mechanics and the other in electricity and magnetism. A student may choose to take either or both parts and a separate score is reported for each.

SC411 - AP Environmental Science

1 credits / Full year course / Grades: 11, 12

The AP Environmental Science course is designed to engage students with the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. The course requires that students identify and analyze natural and human made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. Students are required to have the opportunity to spend a minimum of 25% of instructional time engaged in hands-on, inquiry-based laboratory and/ or fieldwork investigations. The focus of this course is preparation for successful completion of the AP Environmental Science exam in May.

SC421 - AP Physics I

1 credits / Full year course / Grades: 10, 11, 12

AP Physics 1 is an algebra based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry based investigations as they explore these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque and

rotational motion, electric charge and electric force, DC circuits, and mechanical waves and sound. This course requires that twenty-five percent of instructional time be spent in hands on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to demonstrate the foundational physics principles and apply the science practices. Students enrolled in this course will also prepare for the AP exam in May.

SC431 - AP Physics II

1 credits / Full year course / Grades: 11, 12

AP Physics 2 is an algebra based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry based investigations as they explore these topics: fluids; thermodynamics; electrical force, field, and potential; electric circuits; magnetism and electromagnetic induction; geometric and physical optics; and quantum, atomic, and nuclear physics. This course requires that twenty-five percent of instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to demonstrate foundational physics principles and apply the science practices. Students enrolled in this course will also prepare for the AP exam in May.

SC9111 - Organic Chemistry

1 credits / Full year course / Grades: 12

Organic chemistry subdiscipline involves the scientific study of the structure, properties, and reactions of organic compounds and organic materials. This course focuses on current theories of structure and mechanism in organic chemistry, their historical development, and their basis in experimental observation as well as introduces applications of organic chemistry. This course is designed for the student who intends to continue future study in the sciences.

SC9211 - Modern Physics

1 credits / Full year course / Grades: 12

Modern physics refers to any branch of physics developed in the early 20th century and onwards, or branches greatly influenced by early 20th century physics. This course includes aspects of physics that cover either quantum mechanics (QM) or Einsteinian Relativity (ER) or aspects of both. During this course, students will gain an understanding of how science

works; what motivates it, how initially promising ideas are refuted by continued research, and the consequences of science on other fields and society in general. Students will conduct field and laboratory investigations using safe, appropriate scientific practices, planning experimental procedures, making quantitative measurements, and interpreting and evaluating data to reach and communicate valid conclusions.

CHS071 - Anatomy AND Physiology

1 credits / Full year course / Grades: 11, 12

Anatomy and Physiology extends a student's knowledge and understanding of the human body in respect to its structure and function. This lab-oriented class teaches proper dissection techniques as well as various physiological phenomena and is recommended for students interested in medically related careers. *This CTE course counts as a science credit.

SC332T - OnRamps Chemistry

1 credits / Full year course / Grades: 10, 11, 12

Students in this dual enrollment course will receive FBISD credit with the opportunity to earn college credit through UT Austin. The Principles of Chemistry I course addresses the nature of matter, energy, chemical reactions, and chemical thermodynamics. Students will learn about descriptive chemistry of matter in the natural world, as well as compositional and reaction stoichiometry of chemical compounds. This course replaces the on level Chemistry course. *Note: OnRamps not offered at all campuses.

SC391T - OnRamps Geoscience: Earth, Wind, Fire

1 credits / Full year course / Grades: 10, 11, 12

Students in this dual enrollment course will receive FBISD Earth Science credit with the opportunity to earn college credit through UT Austin. Earth, Wind, and Fire is a course in geoscience literacy. It covers the fundamentals of how the Earth works, and how its various systems—the lithosphere, atmosphere, hydrosphere, and biosphere—interact to form the complex world in which we live. *Note: OnRamps not available at all campuses.

SC431T - OnRamps Physics II

1 credits / Full year course / Grades: 11, 12

Students in this dual enrollment course will receive FBISD credit with the opportunity to earn college credit through UT Austin. This is the second course in a sequence of algebra-based (noncalculus) courses. Students are introduced to the topics of electricity, magnetism, optics, waves, and quantum and nuclear physics while obtaining practical experience with electrical circuits and optical devices *Note: OnRamps not available at all campuses.

SC361T - OnRamps Chemistry II

1 credits / Full year course / Grades: 11, 12

Students in this dual enrollment course will receive FBISD credit with the opportunity to earn college credit through UT Austin. The College Chemistry II course continues the development and application of concepts, theories, and laws underlying chemistry that were introduced in Principles of Chemistry I.*Note: OnRamps not offered at all campuses.

SC8111 - Science 8 Aac

0 credits / Full year course / Grades: 8

Grade 8 AAC Science covers the grade 8 science curriculum and allows students to construct their own understanding through an inquiry-based approach while encouraging advanced skills, in- depth discussion, more comprehensive lab work and increased independent study. Class assignments and activities build on and expand higher level thinking skills of analysis, synthesis and evaluation, and integrate units that promote scientific connections and connections with other disciplines. Students are provided opportunities for extension and application of content and processes. Special projects are assigned during the year and require individual research on the Internet or at a local library. Classroom presentations are expected. This course will help prepare students to take advanced science courses in high school.

SC8211 - Science 8

0 credits / Full year course / Grades: 8

Science is a course of study coordinating thematic instruction across the four science disciplines: biology, chemistry, physics, and earth/space science. The curriculum has a balance of content and activities that guide students toward the discovery of the basic principles, with a focus on earth and space science and the processes involved. The curriculum includes properties of matter, force and motion, Earth/Moon/Sun relationships, characteristics of the

universe, plate tectonics, earth and weather systems, interdependence of living systems, and environmental changes. The study of science includes field and laboratory investigations using scientific methods for analyzing data to make informed decisions.

SC6111 - Science 6 Aac

0 credits / Full year course / Grades: 6

Grade 6 AAC Science incorporates the grade 6 science curriculum and allows students to construct their own understanding through an inquiry based approach while encouraging advanced skills, in-depth discussion, more comprehensive lab work, and increased independent study. Class assignments and activities build on and expand higher level thinking skills of analysis, synthesis and evaluation, and integrate units that promote scientific connections and connections with other disciplines. Students are provided opportunities for extension and application of content and processes. Special projects are assigned during the year and require individual research on the Internet or at a local library. Classroom presentations are expected. This course will help prepare students to take grade 7 AAC science.

SC6211 - Science 6

0 credits / Full year course / Grades: 6

Science is an inquiry-based course of study coordinating thematic instruction across the four science disciplines: biology, chemistry, physics, and earth/space science. The curriculum has a balance of content and activities that guide students toward the discovery of the basic principles, with a focus on physical science, and the processes involved. The curriculum includes properties of matter, force and motion, energy transformations, earth and space systems, and classification of organisms. The study of science includes conducting field and laboratory investigations using scientific methods for analyzing data to make informed decisions.

SC7211 - Science 7

0 credits / Full year course / Grades: 7

Science is an inquiry-based course of study coordinating thematic instruction across the four science disciplines: biology, chemistry, physics, and earth/space science. The curriculum has a balance of content and activities that guide students toward the discovery of the basic principles, with a focus on organisms and the environment, and the processes

involved. The curriculum includes properties of matter, force and motion, natural events and human activities that impact Earth, components of the solar system, ecology, structure/function of cells and body systems, response to stimuli, and genetics. The study of science includes conducting field and laboratory investigations using scientific methods for analyzing data to make informed decisions.

SC7111 - Science 7 Aac

0 credits / Full year course / Grades: 7

Grade 7 AAC science incorporates the grade 7 science curriculum and allows students to construct their own understanding through an inquiry based approach while encouraging advanced skills, in- depth discussion, more comprehensive lab work, and increased independent study. Class assignments and activities build on and expand higher level thinking skills of analysis, synthesis and evaluation, and integrate units that promote scientific connections and connections with other disciplines. Students are provided opportunities for extension and application of content and processes. Special projects are assigned during the year and require individual research on the Internet or at a local library. Classroom presentations are expected. This course will help prepare students to take grade 8 AAC science.

SC3815 - AP Physics C: Mechanics

1 credits / 1 Semester / Grades: 11, 12

AP Physics C: Mechanics is a calculus-based, college-level physics course. It covers kinematics; Newton's laws of motion; work, energy, and power; systems of particles and linear momentum; circular motion and rotation; oscillations; and gravitation. AP Physics C: Mechanics should include a hands-on laboratory component comparable to a semester-long introductory college-level physics laboratory. Students should spend a minimum of 25% of instructional time engaged in hands-on laboratory work. Students ask questions, make observations and predictions, design experiments, analyze data, and construct arguments in a collaborative setting, where they direct and monitor their progress. The AP Physics C exam is unique in that it is administered as two separate one and one-half hour exams: one in mechanics and the other in electricity and magnetism. A student may choose to take either or both parts and a separate score is reported for each.

SC392 - Earth Systems Science

1 credits / Full year course / Grades: 11, 12

This course is designed to promote scientific literacy, understanding and experimentation in the field of Earth and Space Science. This course provides an opportunity for students to learn about three aspects of Earth: Earth in space and time, solid Earth, and fluid Earth. Students will study the history of the origin, evolution and properties of Earth and Space including earth systems, planetary systems, and the impact natural and human activities have on these systems. Students will use a variety of resources and laboratory equipment to investigate, analyze and research scientific principles related to these topics. These resources include computer applications, GIS, GPS, telescopes, satellite imagery, remote sensing data, image and video libraries, weather stations, fossil and rock kits, globes, and various models. This is a capstone course designed to build on students' prior scientific knowledge and skills to develop understanding of Earth's system in space and time

COURSE OFFERINGS

Social Studies

SS411 - World Geo Aac

1 credits / Full year course / Grades: 9, 10, 11, 12

AAC/GT classes will cover all World Geography TEKS objectives and other topics such as urban geography, environment, globalization, and demographic studies. Students will read case studies and develop critical thinking and writing skills necessary for success on future social studies Advanced Placement exams. Outside reading and independent learning will also be required.

SS412 - World Geo

1 credits / Full year course / Grades: 9, 10, 11, 12

In World Geography Studies, students examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography. Students describe the influence of geography on events of the past and present with emphasis on contemporary issues. A significant portion of the course centers around the physical processes that shape patterns in the physical environment; the characteristics of major landforms, climates, and ecosystems and their interrelationships; the political, economic, and social processes that shape cultural patterns of regions; types and patterns of settlement; the distribution and movement of the world population; relationships among people, places, and environments; and the concept of region. Students analyze how location affects economic activities in different economic systems. Students identify the processes that influence political divisions of the planet and analyze how different points of view affect the development of public policies. Students compare how components of culture shape the characteristics of regions and analyze the impact of technology and human modifications on the physical environment. Students use problem-solving and decision making skills to ask and answer geographic questions.

SS422 - World Hist

1 credits / Full year course / Grades: 9, 10, 11, 12

World History Studies is a survey of the history of humankind. The major emphasis is on the study of significant people, events, and issues from the earliest times to the present. Traditional historical points of reference in world history are identified as students

analyze important events and issues in western civilization as well as in civilizations in other parts of the world. Students evaluate the causes and effects of political and economic imperialism and of major political revolutions since the 17th century. Students examine the impact of geographic factors on major historic events and identify the historic origins of contemporary economic systems. Students analyze the process by which constitutional governments evolved as well as the ideas from historic documents that influenced that process. Students trace the historical development of important legal and political concepts. Students examine the history and impact of major religious and philosophical traditions. Students analyze the connections between major developments in science and technology and the growth of industrial economies, and they use the process of historical inquiry to research, interpret, and use multiple sources of evidence.

SS424 - World History AP

1 credits / Full year course / Grades: 10, 11, 12

The purpose of the AP World History course is to develop greater understanding of the evolution of global processes and contacts in different types of human societies. The course highlights the nature of changes in global frameworks and their causes and consequences, as well as comparisons among major societies. It emphasizes relevant factual knowledge, leading interpretive issues, and skills in analyzing types of historical evidence. Students are expected to write for the purposes of interpretation and analysis. The focus of this course is preparation for successful completion of the AP Exam in May.

SS431 - US Hist AP

1 credits / Full year course / Grades: 11, 12

This Advanced Placement course involves students in a survey of America's history from the colonial period to the present day. Students read extensively from primary and secondary sources, analyze issues and events, and prepare oral and written presentations and projects based on individual and group research. The focus of this course is preparation for successful completion of the AP Exam in May.

SS432 - US Hist

1 credits / Full year course / Grades: 11

The course content is based on the founding documents of the U.S. government, which provide a

framework for its heritage. Historical content focuses on the political, economic, and social events and issues related to industrialization and urbanization, major wars, domestic and foreign policies, and reform movements, including civil rights. Students examine the impact of geographic factors on major events and eras and analyze their causes and effects. Students examine the impact of constitutional issues on American society, evaluate the dynamic relationship of the three branches of the federal government, and analyze efforts to expand the democratic process. Students describe the relationship between the arts and popular culture and the times during which they were created. Students analyze the impact of technological innovations on American life. Students use critical-thinking skills and a variety of primary and secondary source material to explain and apply different methods that historians use to understand and interpret the past, including multiple points of view and historical context.

SS432T - OnRamps US HIST

1 credits / Full year course / Grades: 11

SS437 - AP Human Geo-World Geo

1 credits / Full year course / Grades: 9, 10

Considerations: Students who have previously been awarded a WG (World Geography) credit will not be awarded credit for this course. This yearlong course introduces students to the systematic study of patterns and processes that have shaped human understanding, use of, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to analyze human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. This course awards students a World Geography credit, while preparing students for the AP exam in May. This course fulfills the World Geography credit for graduation; therefore, students will not receive graduation credit for AP Human Geography and World Geography. Students must choose between AP Human or World Geography.

SS43D1 - US Hist Dual Sm1

0.5 credits / 1 Semester / Grades: 11

History 1301: The study of the history of the United States from English Colonization through the Reconstruction. History 1302: The study of the history of the United States from the end of the

Reconstruction era to the present.

Must be TSI ready in English

SS43D2 - US Hist Dual Sm2

0.5 credits / 1 Semester / Grades: 11

History 1301: The study of the history of the United States from English Colonization through the Reconstruction. History 1302: The study of the history of the United States from the end of the Reconstruction era to the present.

Must be TSI ready in English

SS4411 - US Govt AP

0.5 credits / 1 Semester / Grades: 12

Students participate in an in-depth analysis of concepts, issues, and problems associated with the structure and function of government and the development of political behaviors and philosophies. Through extensive reading and problem-solving activities, civil rights, civil liberties, and activities of various governmental agencies are examined and evaluated. The focus of this course is preparation for successful completion of the AP exam in May.

SS4421 - US Govt

0.5 credits / 1 Semester / Grades: 12

In this course, students learn major political ideas and forms of government in history. A significant focus on the U.S. Constitution, its underlying principles and ideas, and the form of government it created. Students analyze major concepts of republicanism, federalism, checks and balances, separation of powers, popular sovereignty, and individual rights and compare the U.S. system of government with other political systems. Students identify the role of government in the U.S. free enterprise system and examine the strategic importance of places to the United States. Students analyze the impact of individuals, political parties, interest groups, and the media on the American political system, evaluate the importance of voluntary individual participation in a constitutional republic, and analyze the rights guaranteed by the U.S. Constitution. Students examine the relationship between governmental policies and the culture of the United States. Students identify examples of government policies that encourage scientific research and use critical-thinking skills to create a product on a contemporary government issue.

SS4461 - US Govt D

0.5 credits / 1 Semester / Grades: 12, 11

This advanced level United States Government course is offered for both college and high school credit. It is a rigorous course taught at the college level that includes the study of the structure and function of government and the development of political behaviors and philosophies, as well as an examination of current governmental issues and events. Successful completion of this course will provide students with college level GOVT2305 American National Government, which is accepted at most Texas colleges and universities, as well as many out-of-state institutions. This course can be taken on an FBISD high school campus taught by an approved FBISD instructor or at a local community college. Please see "Dual Credit" sections for more information. Community college enrollment requirements, deadlines, and fees apply.

Meet TSI requirements and complete an HCC application

SS4462 - US Govt D

0.5 credits / 1 Semester / Grades: 12, 11

This advanced level United States Government course is offered for both college and high school credit. It is a rigorous course taught at the college level that includes the study of the structure and function of government and the development of political behaviors and philosophies, as well as an examination of current governmental issues and events. Successful completion of this course will provide students with college level GOVT 2305 American National Government, which is accepted at most Texas colleges and universities, as well as many out-of-state institutions. This course can be taken on an FBISD high school campus taught by an approved FBISD instructor or at a local community college. Please see "Dual Credit" sections for more information. Community college enrollment requirements, deadlines, and fees apply.

Meet TSI requirements and accepted HCC application

SS4511 - AP Macroeconomics

0.5 credits / 1 Semester / Grades: 12

Students are engaged in a comprehensive exploration of economics and the free enterprise system which involves problem solving and analysis of

macroeconomic principles. The completion of group and individual projects, presentations, and outside readings are expected of students in this course. The focus of this course is preparation for successful completion of the AP exam in May. This course may be taken for Economics graduation credit or as an elective.

SS4521 - Economics

0.5 credits / 1 Semester / Grades: 12

This course emphasizes the basic principles concerning production, consumption, and distribution of goods and services (the problem of scarcity) in the United States and a comparison with those in other countries around the world. Students analyze the interaction of supply, demand, and price. Students will investigate the concepts of specialization and international trade, economic growth, key economic measurements, and monetary and fiscal policy. Students will study the roles of the Federal Reserve System and other financial institutions, government, and businesses in a free enterprise system. Types of business ownership and market structures are discussed. The course also incorporates instruction in personal financial literacy. Students apply critical-thinking skills using economic concepts to evaluate the costs and benefits of economic issues.

SS4561 - Economics D

0.5 credits / 1 Semester / Grades: 12, 11

This advanced level Economics course is offered for both college and high school credit. It is a rigorous course taught at the college level that includes the study of macro and microeconomic philosophies, as well as an examination of historical and recent economic events. Students must enroll, register, and pay any associated fees to the appropriate community college. Successful completion of this course will provide students with college level ECON2301 Principles of Macroeconomics, which is accepted at most Texas colleges and universities, as well as many out-of-state institutions. This course can be taken on an FBISD high school campus taught by an approved FBISD instructor or at a local community college. Please see "Dual Credit" sections for more information. Community college enrollment requirements, deadlines, and fees apply.

Meet TSI requirements and accepted HCC application

SS4562 - Economics D

0.5 credits / 1 Semester / Grades: 12

This advanced level Economics course is offered for both college and high school credit. It is a rigorous course taught at the college level that includes the study of macro and microeconomic philosophies, as well as an examination of historical and recent economic events. Students must enroll, register, and pay any associated fees to the appropriate community college. Successful completion of this course will provide students with college level ECON2301 Principles of Macroeconomics, which is accepted at most Texas colleges and universities, as well as many out of state institutions. This course can be taken on an FBISD high school campus taught by an approved FBISD instructor or at a local community college. Please see "Dual Credit" sections for more information. Community college enrollment requirements, deadlines, and fees apply.

Meet TSI requirements and accepted HCC application

SS4571 - AP Micro Econ

0.5 credits / 1 Semester / Grades: 12

This course emphasizes the economic principles that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. The completion of group and individual projects, presentations, and outside readings are expected of students in this course. The focus of this course is preparation for successful completion of the AP exam in May. This course may be taken for Economics graduation credit or as an elective.

SS4572 - AP Micro Econ

0.5 credits / 1 Semester / Grades: 12

This course emphasizes the economic principles that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. The completion of group and individual projects, presentations, and outside readings are expected of students in this course. The focus of this course is preparation for successful completion of the AP exam in May. This course may be taken for Economics graduation credit or as an elective.

SS5111 - Psych AP

0.5 credits / 1 Semester / Grades: 12, 10, 11

It is highly recommended that students taking this course in the Spring semester enroll in AAC Psychology (SS5113 Social Studies Methods) in the fall. Human behavior, theories, and philosophies of psychology will be studied in depth in this course. Students will complete research projects and read extensively. The focus of this course is preparation for successful completion of the AP exam in May.

SS5121 - Psych

0.5 credits / 1 Semester / Grades: 11, 12, 10

In this elective course, students study the science of behavior and mental processes. Students examine the full scope of the science of psychology such as the historical framework, methodologies, human development, motivation, emotion, sensation, perception, personality development, cognition, learning, intelligence, biological foundations, mental health, and social psychology

SS513 - Psychology Dual Credit

0.5 credits / 1 Semester / Grades: 11, 12, 10

This advanced level Psychology course is offered for both college and high school credit. It is a rigorous course taught at the college level that includes a study of human behavior, theories, and philosophies of psychology. Successful completion of this course will provide students with college level PSYC-2301 Introduction to Psychology, which is accepted at most Texas colleges and universities, as well as many out of state institutions. This course can be taken on a FBISD high school campus taught by an approved FBISD instructor or at a local community college. Please see "Dual Credit" sections for more information. Community college enrollment requirements, deadlines, and fees apply.

SS513P - Psychology

0.5 credits / 1 Semester / Grades: 10, 11, 12

SS5221 - Soc

0.5 credits / 1 Semester / Grades: 10, 11, 12

Sociology, an elective course, is an introductory study in social behavior and organization of human society. This course will describe the development of the field as a social science by identifying methods and strategies of research leading to an understanding of how the individual relates to society and the ever-changing world. Students will also learn the importance and role of culture, social structure,

socialization, and social change in today's society.

SS523 - Sociology Dual Credit

0.5 credits / 1 Semester / Grades: 11, 12, 10

This advanced level Sociology course is offered for both college and high school credit. It is a rigorous course taught at the college level that includes the scientific study of human behavior in society and culture. Successful completion of this course will provide students with college level SOCI-1301 Introduction to Sociology, which is accepted at most Texas colleges and universities, as well as many out of state institutions. This course can be taken on a FBISD high school campus taught by an approved FBISD instructor or at a local community college. Please see "Dual Credit" sections for more information. Community college enrollment requirements, deadlines, and fees apply.

SS532P - P-TECH Personal Financial Literacy DC

0.5 credits / 1 Semester / Grades: 10, 11, 12

Personal and family accounts, budgets and budgetary control, bank accounts, charge accounts, borrowing, investing, insurance, standards of living, renting or home ownership, and wills and trust plans.

Student must be enrolled in Pathways in Technology Program at WHS and met all TSI requirements for Math and English

SS5611 - AP Comparative Govt & Politics

0.5 credits / 1 Semester / Grades: 12

Students in this course compare the governments of various countries to analyze political processes, behaviors, and their consequences. The focus of this course is preparation for successful completion of the AP exam in May. This course does not fulfill the required Government coursework for graduation.

SS5811 - History Through Film

0.5 credits / 1 Semester / Grades: 11, 12

This course provides students with an opportunity to develop an understanding of the forces that shape their lives and the world in which they live, while using social science knowledge and skills to engage in the analysis of complex problems. *A student can take up to 4 semesters of STSS with different content in each semester.

SS5812 - History Through Film

0.5 credits / 1 Semester / Grades: 11, 12

This course provides students with an opportunity to develop an understanding of the forces that shape their lives and the world in which they live, while using social science knowledge and skills to engage in the analysis of complex problems. *A student can take up to 4 semesters of STSS with different content in each semester.

SS581P - P-TECH Legal and Ethical Aspects of Health Info

0.5 credits / 1 Semester / Grades: 11, 12, 10

Instruction in principles, procedures, and regulations involving legal and ethical relationships among physicians, patients, and medical assistants in ambulatory care settings. Must be in the P-TEC program and completed all HCC prerequisite courses

SS5821 - Sptopicamstdy

0.5 credits / 1 Semester / Grades: 11, 12

This course provides students with an opportunity to develop an understanding of the forces that shape their lives and the world in which they live, while using social science knowledge and skills to engage in the analysis of complex problems. *A student can take up to 4 semesters of STSS with different content in each semester.

SS5822 - Sptopicamstdy

0.5 credits / 1 Semester / Grades: 11, 12

This course provides students with an opportunity to develop an understanding of the forces that shape their lives and the world in which they live, while using social science knowledge and skills to engage in the analysis of complex problems. *A student can take up to 4 semesters of STSS with different content in each semester.

SS591 - Erpnhist AP

1 credits / Full year course / Grades: 10, 11, 12

The goal of this course is to provide a narrative of events and movements in Europe from 1450 to the present. This will include the period from the High Renaissance to the recent past. In addition, students in this course will develop an understanding of some of the principal themes in modern European history, an ability to analyze historical evidence, and an ability to

express that understanding and analysis in writing. This course prepares students for the AP exam in May.

SS9219 - Genocide Through Modern History

0.5 credits / 1 Semester / Grades: 11, 12

This course provides students with an opportunity to develop an understanding of the forces that shape their lives and the world in which they live, while using social science knowledge and skills to engage in the analysis of complex problems.

SS9220 - Genocide Through Modern History

0.5 credits / 1 Semester / Grades: 11, 12

This course provides students with an opportunity to develop an understanding of the forces that shape their lives and the world in which they live, while using social science knowledge and skills to engage in the analysis of complex problems.

SS9221 - Sptss World Studies

0.5 credits / 1 Semester / Grades: 11, 12

This course provides students with an opportunity to develop an understanding of the forces that shape their lives and the world in which they live, while using social science knowledge and skills to engage in the analysis of complex problems.

SS9222 - Sptss World Studies

0.5 credits / 1 Semester / Grades: 11, 12

This course provides students with an opportunity to develop an understanding of the forces that shape their lives and the world in which they live, while using social science knowledge and skills to engage in the analysis of complex problems.

SS922P - Texas Government Dual Credit

0.5 credits / 1 Semester / Grades: 11, 12

Origin and development of the Texas constitution, structure and powers of state and local government, federalism and intergovernmental relations, political participation, the election process, public policy, and the political culture of Texas.

Must be enrolled in ECHS at MH, English ready for TSI and successfully passed Engl 1301 or be enrolled in Engl 1301

SS931 - Ethnic Studies: Mexican Americ

1 credits / Full year course / Grades: 10, 11, 12

In Ethnic Studies: Mexican American Studies, an elective course, students learn about the history and cultural contributions of Mexican Americans. Students explore history and culture from an interdisciplinary perspective. The course emphasizes events in the 20th and 21st centuries, but students will also engage with events prior to the 20th century.

SS932 - Ethnic Studies: African Americ

1 credits / Full year course / Grades: 10, 11, 12

In Ethnic Studies: African American Studies, an elective course, students learn about the history and cultural contributions of African Americans. This course is designed to assist students in understanding issues and events from multiple perspectives. This course develops an understanding of the historical roots of African American culture, especially as it pertains to social, economic, and political interactions within the broader context of United States history. It requires an analysis of important ideas, social and cultural values, beliefs, and traditions. Knowledge of past achievements provides citizens of the 21st century with a broader context within which to address the many issues facing the United States. Ethnic Studies:

SS9331 - Ethnic Studies: AP African American Studies Sem 1

0.5 credits / 1 Semester / Grades: 11, 12

In Ethnic Studies: AP African American Studies, an elective course, students learn about the history and cultural contributions of African Americans through literature, the arts and humanities political science, geography, and science. . This course is designed to assist students in understanding the contributions and experiences of African American. College Board is going through the second pilot year of this course so not all high schools will offer this course for the 23-24 school year.

SS9332 - Ethnic Studies: AP African American Studies Sem 2

0.5 credits / 1 Semester / Grades: 11, 12

In Ethnic Studies: AP African American Studies, an elective course, students learn about the history and cultural contributions of African Americans through literature, the arts and humanities political science,

geography, and science. . This course is designed to assist students in understanding the contributions and experiences of African American. College Board is going through the second pilot year of this course so not all high schools will offer this course for the 23-24 school year.

SS5113 - AAC Psychology: Social Studies Research Method

0.5 credits / 1 Semester / Grades: 11, 12, 10

This course is a corequisite for AP Psychology. It is highly recommended that all students who take this course in the fall will proceed into AP Psychology in the Spring. This course will begin the research process and methodology for AP Psychology studies in human behavior, theories, and philosophies of psychology. Students will complete research projects and read extensively. The focus of this course is preparation for successful completion of the AP exam in May.

ss4525 - Persn Finan Literacy && Econ

0.5 credits / 1 Semester / Grades: 12

The course emphasizes the economic way of thinking, which serves as a framework for the personal financial decision-making opportunities introduced in the course. Students will demonstrate the ability to anticipate and address financial challenges as these challenges occur over their lifetime. In addition, students are introduced to common economic and personal financial planning terms and concepts. It provides a foundation in both microeconomics and macroeconomics. Students will survey the impact of demand, supply, various industry structures, and government policies on the market for goods, services, and wages for workers. Macroeconomic study involves economic systems with an emphasis on free enterprise market systems, goals of full employment, price stability, and growth while examining problems such as unemployment and inflation and the policies enacted to address them. As a result of learning objective concepts and integrating subjective information, students gain the ability to lead productive and financially self-sufficient lives. This course satisfies the high school economics graduation requirement.

SS4526 - Persn Finan Literacy && Econ

0.5 credits / 1 Semester / Grades: 12

The course emphasizes the economic way of thinking, which serves as a framework for the personal financial

decision-making opportunities introduced in the course. Students will demonstrate the ability to anticipate and address financial challenges as these challenges occur over their lifetime. In addition, students are introduced to common economic and personal financial planning terms and concepts. It provides a foundation in both microeconomics and macroeconomics. Students will survey the impact of demand, supply, various industry structures, and government policies on the market for goods, services, and wages for workers. Macroeconomic study involves economic systems with an emphasis on free enterprise market systems, goals of full employment, price stability, and growth while examining problems such as unemployment and inflation and the policies enacted to address them. As a result of learning objective concepts and integrating subjective information, students gain the ability to lead productive and financially self-sufficient lives. This course satisfies the high school economics graduation requirement.

SS452T - Economics Onramps

0.5 credits / 1 Semester / Grades: 12

Students in this dual enrollment course will receive FBISD Economics credit with the opportunity to earn college credit through UT Austin. Economics introduces students to the principles, models, and conditions that influence how consumers, businesses, governments, and workers make and evaluate economic decisions. The course places emphasis on microeconomics concepts and quantitative reasoning as students employ logic, mathematics, and technology to interpret basic statistics and apply economic analysis. It also features macroeconomics topics and personal financial literacy content in addition to core concepts including scarcity and opportunity costs, supply and demand, market structures, competition, and behavioral economics.

*Note: OnRamps not available at all campuses.

SS8111 - US Hist 8 Aac

0 credits / Full year course / Grades: 8

This course is for students who are highly motivated and interested in a rigorous social studies program. The purpose of the AAC social studies grade 8 course is to develop a deeper understanding of America's history from Exploration through Reconstruction. Students will read extensively from primary and secondary sources, analyze issues and events, conduct in-depth research, prepare oral and written

presentations, and develop projects based on individual and group research. The course will include writing for the purpose of historical analysis and help prepare students to take social studies Advanced Placement courses in high school. Outside reading may be required.

SS8211 - US Hist 8

0 credits / Full year course / Grades: 8

Students study the history of the United States from Exploration through Reconstruction. Historical content focuses on the political, economic, and social events during this period. Students examine the American beliefs and principles reflected in the U.S. Constitution and other historical documents. They study the rights and responsibilities of citizens of the United States, as well as the importance of effective leadership in a democratic society.

SS6111 - Soc Stdy 6 Aac

0 credits / 1 Semester / Grades: 6

This course is for students who are highly motivated and interested in a rigorous social studies program. AAC social studies covers the grade 6 content including study of the people and places of the contemporary world. It examines the influence of individuals and groups on historical and contemporary events. In addition, other content focuses on the history, geography, culture, government, and economic systems of selected regions. Students will read extensively from primary and secondary sources, analyze issues and events, prepare oral and written presentations, and develop projects based on individual and group research. The course will include writing for the purpose of historical analysis and help prepare students to take social studies Advanced Placement courses in high school. Outside reading may be required.

SS6211 - Soc Stdy 6

0 credits / Full year course / Grades: 6

Students will study people and places of the contemporary world and examine the influence of individuals and groups on historical and contemporary events. In addition, other content focuses will include exploring the history, geography, culture, government, and economic systems of selected regions.

SS7111 - TX Hist 7 AAC

0 credits / Full year course / Grades: 7

This course is for students who are highly motivated and interested in a rigorous social studies program. AAC social studies covers the grade 7 content including Texas history and geography. Students will read extensively from primary and secondary sources, analyze issues and events, prepare oral and written presentations, and develop projects based on individual and group research. The course will include writing for the purpose of historical analysis and help prepare students to take social studies Advanced Placement courses in high school. Outside reading may be required.

SS7211 - Tx Hist 7

0 credits / Full year course / Grades: 7

Students study the history of Texas from Natural Texas and its People through Contemporary Texas. The focus of each era is on key individuals, events, and issues and their impact. Students will study the regions of Texas, the rights and responsibilities of Texas citizens, the rich and diverse cultural background of Texas, and analyze the impact of scientific discoveries and technological innovations on the development of Texas. Through reading, writing, and discussion, students will develop skills in analyzing social studies relationships, interpreting data, forming generalizations and conclusions, and applying problem solving and critical thinking skills.

COURSE OFFERINGS

MUS

FM542N - Mariachi Ensemble 4 Gpa-Exempt

1 credits / Full year course / Grades: 12