

Social Studies Course Offerings

WORLD GEOGRAPHY

Grade: 9

Credit: 1

Course Code: SWGR

Prerequisite: None

Students will examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography. The course will emphasize physical processes that shape patterns in the physical environment, analyze how location affects economic activities in different economic systems, identify the processes that influence political divisions of the planet, and compare components of culture that shape the characteristics of regions. Students will use primary and secondary sources to practice problem-solving and decision-making skills to ask and answer geographic questions.

WORLD GEOGRAPHY (HONORS)

Grade: 9

Credit: 1

Course Code: SWGH

Prerequisite: Must have scored at least "meets" on 8th Grade US History exam

This course covers the curriculum while adding strategies and practices designed to prepare students to be college ready.

UNITED STATES HISTORY

Grade: 1st

Credit: 1

Course Code: SUHR

Prerequisite: None

United States History traces the emergence and growth of the United States. The course is organized chronologically, yet it focuses on themes, issues, and questions that have challenged people throughout the century and will continue to be relevant in the future. Students first reexamine new frontiers, new industrial strengths, and new resources of the post-Civil War and Reconstruction period. The course then examines current events during the 20th century.

UNITED STATES HISTORY (HONORS)

Grade: 1st

Credit: 1

Course Code: SUHH

Prerequisite: World Geography (H)

This course covers the curriculum while adding strategies and practices designed to prepare students to be college ready.

PERSONAL FINANCIAL LITERACY

Grade: 10-12

Credit: ½

Course Code: SSFL

Prerequisite: None

This one-semester course will develop citizens who have the knowledge and skills to make sound, informed financial decisions that will allow them to lead financially secure lifestyles and understand personal financial responsibility. The course is designed to be an interactive and research-based course where students will apply critical-thinking and problem-solving skills to analyze decisions involving earning and spending, saving and investing, credit and borrowing, insuring and protecting, and college and postsecondary education and training. This is an online course offering through Edgenuity.

WORLD HISTORY

Grade: 1st

Credit: 1

Course Code: SWHR

Prerequisite: None

This course examines the history of the human experience from a global perspective. Our focus will be on the impact of interactions among major societies; change and continuity over time; the impact of technology and demography on people and the environment; systems of social structure and gender structure; cultural and intellectual developments among and within societies; and changes in functions and structures of states. This course prepares students to apply historical perspectives to issues and problems in their own world as they seek to solve them.

WORLD HISTORY (HONORS)

Grade: 1st

Credit: 1

Course Code: SWHH

Prerequisite: Honors history course previous school year

This course covers the curriculum while adding strategies and practices designed to prepare students to be college ready.

SPECIAL TOPICS IN SOCIAL STUDIES

Grade: 11-12

Credit: ½

Course Code: SSST

Prerequisite: None

This one-semester course provides students the opportunity to develop a greater understanding of the historic, political, economic, geographic, multicultural, and social forces that have shaped their lives and the world in which they live. Students will use social science knowledge and skills to engage in rational and logical analysis of complex problems using a variety of approaches, while recognizing and appreciating diverse human perspectives.

UNITED STATES GOVERNMENT

Grade: 12

Credit: ½

Course Code: SSGR

Prerequisite: None

United States Government is the culmination of the civic literacy strand, which prepares students to vote, to apply the responsibilities of citizenship, and to participate in community civic affairs. Students use prior knowledge as a basis to delve deeper into the complexities of American governmental institutions. The Constitution and the Bill of Rights provide the framework for the major themes: popular sovereignty, limited government, separation of powers, Checks and Balances, Judicial Review and Federalism.

ECONOMICS

Grade: 12

Credit: ½

Course Code: SSER

Prerequisites: None

Economics focuses on the persuasive impact of economics on the lives of people. The course is designed so students can master the basic macro-economic concepts, tools of analysis, and the language of the discipline. Acquiring competencies and knowledge of practical economic concepts is stressed so students can learn to make informed, rational, and effective economic decisions as participants in a capitalist economy. Examining how the various components and sectors of the economy interact in the real world is studied as students analyze economic decision making by consumers, producers, and government.

Other Languages Offerings

SPANISH 1

Grade: 9-11

Credit: 1

Course Code: FL1R

Prerequisite: None

This course is an introduction to the study of standard Spanish and Hispanic culture through conversation, grammar, reading, and writing. Focus is on basic communication skills, pronunciation, writing, and reading comprehension.

SPANISH 2

Grade: 10-12

Credit: 1

Course Code: FL2R

Prerequisite: Spanish 1

This course expands and builds on knowledge acquired in Spanish 1. Students will communicate using a wider range of time frames. The study of the culture and history of Hispanic countries continues.

SPANISH 3 (HONORS)

Grade: 11-12

Credit: 1

Course Code: FL3H

Prerequisite: Spanish 1 & 2

This class is taught primarily in Spanish and emphasizes reading, writing, and speaking the Spanish language.

SPANISH 4 (HONORS)

Grade: 11-12

Credit: 1

Course Code: FL4H

Prerequisite: Spanish 1, 2, & 3

This class is taught primarily in Spanish and emphasizes reading, writing, speaking the Spanish language, and learning about all Spanish cultures.

Fine Arts

ART 1, 2, 3, 4

Grade: 9-12

Credit: 1

Course Code: FAA1, FAA2, FAA3, FAA4

The course will familiarize the student with the process of creating art through advanced studies to implement and prepare a body of work and portfolio. Tools, techniques, and mediums of art making will be explored as well as producing artistic responses to the media in useful and creative ways. During the course the students will be expected to master a visual vocabulary, primarily the elements and principles of art. The students will be expected to create art pieces that are inherently creative in nature. Students will prepare work consisting of a series of drawings and thematic study.

BAND 1, 2, 3, 4

Grade: 9-12

Credit: 1

Course Code: FAB1, FAB2, FAB3, FAB4

The first part of the year is devoted to developing the marching band. Students acquire the ability to march and to perform memorized music. Students are expected to be in attendance for all performances of the marching band. Students also have the opportunity for individual advancement by trying out for the All-State Band organizations. The second part of the year is dedicated to developing students' playing abilities through concert music, solos, and small ensembles.

APPLIED MUSIC 1, 2, 3, 4

Grade: 9-12

Credit: 1

Course Code: FAM1, FAM2, FAM3, FAM4

Prerequisite: Band Director's approval

Applied Music is an extension of Band. All Band students will be provided this class if their schedule permits.

CHOIR 1, 2, 3, 4

Grade: 9-12

Credit: 1

Course Code: FAC1, FAC2, FAC3, FAC4

The Hitchcock ISD program consists of 9th, 10th, 11th, and 12th grade students. In addition to working and performing as a large group, there is a focus on improving individual voice quality.

THEATRE ARTS 1, 2, 3, 4

Grade: 9-12

Credit: 1

Course Code: FAT1, FAT2, FAT3, FAT4

This course is an introduction to the elements of theater, including basic acting techniques such as stage movement, mime, voice, diction, improvisation, and scene interpretation; exploration of technical theater and interpretation of dramatic literature. Students will study the history of the theater and will perform in a variety of theatrical models, which may include classical and contemporary theater, dance, drama, mime, children's theater, and musical theater.

MUSIC APPRECIATION

Grade: 9-12

Credit: 1

Course Code: FAMA

Music Appreciation is designed to introduce musical masterworks. The students will learn basic elements, mediums, styles, and form is presented as an aid to understanding and enjoying music. Topics studied will include basic music terms, musical time periods, the history of jazz, musicals, and the origins of today's pop music.

Physical Education

PE - FOUNDATIONS

Grade: 9-12

Credit: 1

Course Code: PE01

This course is to motivate students to strive for lifetime fitness with an emphasis on the health-related of components of physical fitness.

PE – TEAM SPORTS

Credit: 1

Course Code: PE02

Students will develop an appreciation for health-related fitness, teamwork, fair play, and a lifestyle of fitness.

FOOTBALL 1, 2, 3, 4

Grade: 9-12

Credit: 1

Course Code: PEF1, PEF2, PEF3, PEF4

Prerequisite: Coach Approval

VOLLEYBALL 1, 2, 3, 4

Grade: 9-12

Credit: 1

Course Code: PEV1, PEV2, PEV3, PEV4

Prerequisite: Coach Approval

BASKETBALL – BOYS 1, 2, 3, 4

Grade: 9-12

Credit: 1

Course Code: PBB1, PBB2, PBB3, PBB4

Prerequisite: Coach Approval

BASKETBALL – GIRLS 1, 2, 3, 4

Grade: 9-12

Credit: 1

Course Code: PGB1, PGB2, PGB3, PGB4

Prerequisite: Coach Approval

BASEBALL 1, 2, 3, 4

Grade: 9-12

Credit: 1

Course Code: PEB1, PEB2, PEB3, PEB4

Prerequisite: Coach Approval

SOFTBALL 1, 2, 3, 4

Grade: 9-12

Credit: 1

Course Code: PES1, PES2, PES3, PES4

Prerequisite: Coach Approval

Additional Courses

AVID 1, 2, 3, 4(Advancement via Individual Determination)

Grade: 9-12

Credit: 1

Course Code: AVD1, AVD2, AVD3, AVD4

Prerequisite: Courses must be done sequentially by grade level; Must be enrolled simultaneously in either an Honors or Dual-Credit course.

AVID Secondary develops learning, study and academic behavioral skills that are essential to success in rigorous coursework. It acts as a catalyst for schools to develop a culture of college readiness for all students across the campus. In the AVID Elective class, students receive daily instruction and support to prepare them for college from a trained AVID Elective teacher. AVID impacts students' schoolwide as academic strategies like writing to learn, inquiry, collaboration, organizational skills, and critical reading are taught in all classes by teachers who have been trained to use AVID strategies in their specific content areas.

Cosmetology 1 or Barber 1

Grade Placement: 10

Credit: 2

Course Code: COS1, BAR1

Prerequisite: None

Students in Cosmetology 1/Barber 1 will be required to purchase a kit (payment plans are available). All classes are offered through College of the Mainland. There will be a bus to transport the students.

Cosmetology 2 or Barber 2

Grade Placement: 11

Credit: 2

Course Code: COS2, BAR 2

Prerequisite: Cosmetology I/Cosmetology I Lab

Students in Cosmetology 2/Barber 2 will be required to purchase a kit (payment plans are available). All classes are offered through College of the Mainland. There will be a bus to transport the students.

Cosmetology 3 or Barber 3

Grade Placement: 12

Credit: 2

Course Code: COS3, BAR 3

Prerequisite: Cosmetology 3 or Barber 3

Students in Cosmetology 3/Barber 3 will be required to purchase a kit (payment plans are available). All classes are offered through College of the Mainland. There will be a bus to transport the students.

Certification Offered: Certificate in Cosmetology: High School Operator

Certification Offered: Certificate in Barber Operator

**** Hitchcock will pay for the cost of the required Cosmetology kit and applicable textbooks. If the student withdraws from the program, they will be responsible for reimbursing the district for the cost of the kit. Students will provide their own smock, which can be purchased from the COM bookstore.**

AFRICAN AMERICAN STUDIES

Grade: 11-12

Credit: 1

Course Code: SSAA

Prerequisite: None

African American Studies is a conceptually driven course that introduces students to the exploration of the rich and diverse history and culture of African Americans. The goal of this course is to broaden the knowledge and understanding of students interested in learning about history, citizenship, culture, economics, science, technology, geography, and the political realities of African Americans. These strands should not be taught in isolation but woven together in an integrated study that helps students understand the world in which we live. This course should provide students with an opportunity to engage with the social, economic, and political activities of African Americans in a way that allows them to make deep connections across the content. The historical content of this course should be taught with relevance to contemporary and current issues in order to ensure a deeper understanding for students.

MEXICAN AMERICAN STUDIES**Grade: 11-12****Credit: 1****Course Code: SSMA****Prerequisite: None**

In Mexican American Studies, students learn about the history and cultural contributions of Mexican Americans. Students will explore history and culture from an interdisciplinary perspective. They will have opportunities to interact with relevant film, literature, art, and other media. The course emphasizes developments in the twentieth and twenty-first centuries, but students will also engage with developments prior to the twentieth century.

YEARBOOK 1 & 2**Grade: 11-12****Credit: 1****Course Code: YB01, YB02****Prerequisite: None**

This course teaches students yearbook design and composition in order to compose the school yearbook. Students are instructed in digital photography skills, interviewing, and writing skills.

OFFICE AID**Grade: 12****Credit: 0****Course Code: AIDE****Prerequisite: Application & approval by the principal or counselor**

Students have the opportunity to assist a member of the staff in one of the following capacities: office aide, counselor aide, or library aide.

LATE ARRIVAL & EARLY RELEASE**Grade: 12****Credit: 0****Course Code: LATE, EARL****Prerequisite: Application & approval by the principal or counselor**

OUR CTE OFFERINGS



Agriculture, Food, and Natural Resources – Animal Science

Floral Design

Credit: 1

Course Code: AG00

Grade Placement: 9-12

Prerequisite: None

This course prepares students for careers in floral design. It is a laboratory-oriented course designed to provide student technical knowledge and skills related to horticultural systems, career opportunities, entry requirements, and industry expectations.

Certification Offered: Texas State Floral Association Floral Skills Knowledge Based Certification

Principles of Agriculture, Food, and Natural Resources

Grade Placement: 9-12

Credit: 1

Course Code: AG01

Prerequisite: None

Principles of Agriculture, Food, and Natural Resources will allow students to develop knowledge and skills regarding career and educational opportunities, personal development, globalization, industry standards, details, practices, and expectations.

Certification Offered: OSHA 30 Hour General Industry Certification

Small Animal Management

Grade Placement: 10-12

Credit: 1/2

Course Code: AG11

Prerequisite: Principles of Agriculture, Food, and Natural Resources

This course prepares students in the field of small animal management. It will provide students with the skills regarding career opportunities, entry requirements, and industry expectations in veterinary careers. Students will develop knowledge and skills pertaining to animal ownership, industry hazards, current topics associated with animal rights/welfare, management and career opportunities.

Equine Science

Grade Placement: 10-12

Credit: 1/2

Course Code: AG12

Prerequisite: Principles of Agriculture, Food, and Natural Resources

Students will gain knowledge and skills pertaining to nutrition, reproduction, and health management in equine animals, including horses. This includes selection of horses, nutrition and management issues affecting the equine industry, and study of related careers.

Wildlife Fisheries and Ecology Management

Grade Placement: 10-12

Credit: 1

Course Code: AG05

Prerequisite: Principles of Agriculture, Food, and Natural Resources

Wildlife, Fisheries, and Ecology Management examines the management of game and non-game wildlife species, fish, and aqua crops and their ecological needs as related to current agricultural practices. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

Advanced Animal Science**Grade Placement: 11-12****Credit: 1****Course Code: AG03****Prerequisite: Algebra I, Small Animal Management, and Equine Science**

Advanced Animal Science examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences.

Range Ecology Management**Grade Placement: 11-12****Credit: 1****Course Code: AG06****Prerequisite: Wildlife, Fisheries, and Ecology Management**

Range Ecology and Management is designed to develop students' understanding of rangeland ecosystems and sustainable forage production.

Veterinarian Medical Applications**Grade: 12****Credit: 2****Course Code: AG07****Prerequisite: Advanced Animal Science**

Veterinary Medical Applications covers topics relating to veterinary practices, including practices for large and small animal species.

Certification Offered: Licensed Vet Tech or Certified Vet Assistant

Practicum in Agriculture, Food, and Natural Resources**Grade Placement: 12****Credit: 2****Course Code: AG04****Prerequisite: Advance Animal Science or Range Ecology Management**

Practicum in Agriculture, Food, and Natural Resources is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories.



Business, Marketing, and Finance – Business Management

Business Information Management 1

Grade Placement: 9-12

Credit: 1

Course Code: BMA4

Prerequisite: None

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

Certification Offered: Microsoft Office Specialist in Word

Business Information Management 2

Grade Placement: 10-12

Credit: 1

Course Code: BMA5

Prerequisite: Business Information Management I

In Business Information Management II, students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce or post-secondary education. Students apply technical skills to address business applications of emerging technologies, create complex word-processing documents, develop sophisticated spreadsheets using charts and graphs, and make an electronic presentation using appropriate multimedia software.

Business Management

Grade Placement: 11-12

Credit: 1

Course Code: BMA6

Prerequisite: Business Information Management 1 and 2

Students will study the legal, managerial, financial, ethical, and international dimensions of business to make appropriate management decisions.

Practicum in Business Management

Grade Placement: 12

Credit: 1

Course Code: BMA7

Prerequisite: Business Information Management 1 and 2

Practicum in Business Management is designed to give students supervised practical application of previously studied knowledge and skills. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education and apply technical skills to address business applications of emerging technologies.



Health Science – Healthcare Diagnostics

Principles of Health Science

Grade Placement: 9-12

Credit: 1

Course Code: HS01

Prerequisite: None

The Principles of Health Science course is designed to provide an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry.

Medical Terminology

Grade Placement: 10-12

Credit: 1

Course Code: HS02

Prerequisite: Principles of Health Science

The Medical Terminology course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, singular and plural forms, and medical abbreviations. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.

Anatomy and Physiology

Grade: 11/12

Credit: 1

Course Code: SAPR

Prerequisite: Biology and Chemistry

In Anatomy and Physiology, students conduct laboratory and/or field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis. Students are also given the opportunity to develop leadership skills through the HOSA organization.

Practicum in Health Science

Grade Placement: 11-12

Credit: 2

Course Guide: HS04

Prerequisite: Principles of Health Science, Biology, and Medical Terminology

This course is designed for the student interested in a nursing or health careers. The program is a combination of classroom, laboratory, and clinical learning that will introduce the student to all facets of the field. Content of the course includes the role and function of the CNA, anatomy and physiology, and basic patient care skills.

Certification Offered: Certified Nursing Assistant



Hospitality & Tourism – Culinary Arts

Introduction to Culinary Arts

Grade Placement: 9-12

Credit: 1

Course Code: CA02

Prerequisite: None

Introduction to Culinary Arts will emphasize the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. The course will provide insight into the operation of a well-run restaurant. Introduction to Culinary Arts will provide insight into food production skills, various levels of industry management, and hospitality skills. This is an entry level course for students interested in pursuing a career in the food service industry. This course is offered as a classroom and laboratory-based course.

Certification Offered: ServSafe

Culinary Arts

Grade Placement: 10-12

Credit: 2

Course Code: CA03

Prerequisite: Principles of Hospitality and Tourism and Introduction to Culinary Arts

Culinary Arts begins with the fundamentals and principles of the art of cooking and the science of baking and includes management and production skills and techniques. Students can pursue a national sanitation certification or other appropriate industry certifications. This course is offered as a laboratory-based course.

Advanced Culinary Arts

Grade Placement: 11-12

Credit: 2

Course Code: CA04

This course provides training to prepare students who are interested in pursuing a career in culinary arts or related fields. Students will develop food preparation skills in a variety of areas related to the culinary arts. This include principals of cooking, sauces, soups/stocks, cooking methods, garnishing, baking, and desserts.

Practicum in Culinary Arts

Grade Placement: 12

Credit: 2

Course Code: CA05

Prerequisite: None

Practicum in Culinary Arts integrates academic and career and technical education and provides more interdisciplinary instruction.

Food Science

Grade Placement: 11-12

Credit: 1

Course Code: SFSR

Prerequisite: Three units of science, including Chemistry and Biology.

In Food Science students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Food Science is the study of the nature of foods, the causes of deterioration in food products, the principles underlying food processing, and the improvement of foods for the consuming public.



Transportation, Distribution & Logistics - Automotive

Principles of Transportation Systems

Grade Placement: 9-12

Credit: 1

Course Code: TDL1

Prerequisite: None

In Principles of Transportation Systems, students will gain knowledge and skills in the safe application, design, production, and assessment of products, services, and systems. This knowledge includes the history, laws and regulations, and common practices used in the transportation industry. Students should apply knowledge and skills in the application, design, and production of technology as it relates to the transportation industries. This course allows students to reinforce, apply, and transfer their academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings.

Certifications Offered: ASE Certification

Automotive Technology 1: Maintenance and Light Repair

Course Code: TDL2

Grade Placement: 10-12

Credit: 2

Prerequisite: Principles of Transportation

Automotive Technology I: Maintenance and Light Repair includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. This course includes applicable safety and environmental rules and regulations. In Automotive Technology I: Maintenance and Light Repair, students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use, and employability.

Automotive Technology 2: Automotive Service

Grade Placement: 11-12

Credit: 2

Course Code: TDL3

Prerequisite: Automotive Technology 1

Automotive Technology II: Automotive Service includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. Automotive Technology II: Automotive Service includes applicable safety and environmental rules and regulations. In this course, students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use, and employability.

Practicum in Transportation Systems

Grade Placement: 12

Credit: 2

Course Code: TDL4

Prerequisite: Automotive Technology 2

Practicum in Transportation Systems is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.



Manufacturing – Welding

Introduction to Welding

Grade Placement: 10-12

Credit: 1

Course Code: WELO

Prerequisite: None

This course will introduce welding technology with an emphasis on basic welding laboratory principles and operating procedures. Students will be introduced to the three basic welding processes. Topics include: industrial safety and health practices, hand tool and power machine use, measurement, laboratory operating procedures, welding power sources, welding career potentials, and introduction to welding codes and standards. Introduction to Welding will provide students with the knowledge, skills, and technologies required for employment in welding industries. This course supports the integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills will prepare students for future success.

Welding 1

Grade Placement: 11-12

Credit: 2

Course Code: WEL1

Prerequisite: None

Students in Welding I and Welding II will be required to purchase a welding jacket. Hitchcock ISD will provide the materials on COM's list of required resources and textbook. Welding I provide the knowledge, skills, and technologies required for employment in metal technology systems. Students will develop knowledge and skills related to this system and apply them to personal career development. This course supports integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills prepare students for future success.

Welding 2

Grade Placement: 12

Credit: 2

Course Code: WEL2

Prerequisite: Welding 1

Students in Welding I and Welding II will be required to purchase a welding jacket. Hitchcock ISD will provide the materials on COM's list of required resources and textbook. Welding II builds on the knowledge and skills developed in Welding I. Students will develop advanced welding concepts and skills as related to personal and career development. Students will integrate academic and technical knowledge and skills. Students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems.

Certification Offered: These courses count towards an Entry Level Welding Certificate at College of the Mainland.

**** Hitchcock ISD will pay for the cost of supplies required by College of the Mainland as well as required textbooks. If the student withdraws from the program, they will be responsible for reimbursing the district for the cost of the welding supplies. Students will purchase their own welding jacket.**



Science, Technology, Engineering, and Math - Engineering

Principles of Applied Engineering

Grade Placement: 9-12

Credit: 1

Course Code: ROB1

Prerequisite: None

Students study the engineering design process, applying math, science, and engineering standards to identify and design solutions to a variety of real problems. Utilizing PLTW's project-based teaching and learning strategies students' progress from structured activities to complex projects that require detailed planning, documentation, and communication. The course's rigorous pace requires students to develop an engineering mindset.

Distinguished Level of Achievement

A student may earn a Distinguished Level of Achievement on their transcript by successfully completing all of the following:

- * Complete all Foundation Program requirements
- * Complete at least 1 Endorsement
- * Complete 4 credits in Science
- * Complete 4 credits in Math including Algebra 2

Performance Acknowledgements

A student may earn a performance acknowledgement on their transcript and for outstanding performance in at least one of the following areas:

Dual Credit

- * Complete 12 hours of dual credit courses with a 3.0 OR
- * Complete an associate degree (Collegiate High School)

Bilingualism and Bi-literacy

(Demonstrating proficiency in two or more languages)

- * Maintain an 80+ average in English Language Arts courses AND satisfy one of the following:
- * Complete 3 credits of same language with an 80+ average OR
- * Complete Level 4 for a language other than English with an 80+ OR
- * Score a 3 or higher on an AP exam for a language other than English OR
- * Score a 4 or higher on an IB exam for a higher level world Languages & Culture course
- * An ESL student must exit ESL and score Advanced High on TELPAS

AP Test or IB Exam

- * A score of 3 or above on an AP exam OR
- * A score of 4 or above on an IB exam

PSAT, SAT, or ACT

- * Earning a score on the PSAT that qualifies for recognition as a commended scholar or higher by the College Board National Merit Scholarship Corporation, National Hispanic Recognition Program, or as part of the National Achievement Scholarship Program of the National Merit Scholarship Program OR
- * Earning a combined critical reading and mathematics score of at least 1250 on the SAT OR
- * Earning a composite score on the ACT exam of 28 (excluding the writing sub score)

National, International or State Certification or License

- * Earning a nationally or internationally recognized business or industry certification (Ex: Pass Welding Certification) OR
- * Earning a government required credential to practice a profession (Ex: Pass Cosmetology Licensing Exam)

ACADEMIC ACHIEVEMENT
CLASS RANKING

EIC
(LOCAL)

Calculation	The District shall include in the calculation of class rank grades earned in all high school credit courses regardless of when the credit earned, unless excluded below.
Exclusions	The calculation of class rank shall exclude grades earned in courses in which credit was earned outside the regular school year.
Weighted Grade System	The District shall categorize and weight eligible courses as dual credit, honors, collegiate HS, and academic in accordance with provisions of this policy.
Categories	
<i>Dual Credit</i>	Eligible dual credit courses designated in the District's grading guidelines shall be categorized and weighted as dual credit.
<i>Academic</i>	All eligible courses not designated as dual credit, honors, or collegiate HS shall be designated as academic courses.
Weighted Grade Point Average	The District shall convert semester grades earned in eligible courses and shall calculate weighted grade point average (GPA) in accordance with the following chart:

Grade	Dual Credit	Honors/ Collegiate HS	Academic
100	5.0	4.5	4.0
99	4.9	4.4	3.9
98	4.8	4.3	3.8
97	4.7	4.2	3.7
96	4.6	4.1	3.6
95	4.5	4.0	3.5
94	4.4	3.9	3.4
93	4.3	3.8	3.3
92	4.2	3.7	3.2
91	4.1	3.6	3.1
90	4.0	3.5	3.0
89	3.9	3.4	2.9
88	3.8	3.3	2.8
87	3.7	3.2	2.7
86	3.6	3.1	2.6
85	3.5	3.0	2.5
84	3.4	2.9	2.4
83	3.3	2.8	2.3
Grade	Dual Credit	Honors/ Collegiate HS	Academic

ACADEMIC ACHIEVEMENT
CLASS RANKING

EIC
(LOCAL)

		Collegiate HS			
		82	3.2	2.7	2.2
		81	3.1	2.6	2.1
		80	3.0	2.5	2.0
		79	2.9	2.4	1.9
		78	2.8	2.3	1.8
		77	2.7	2.2	1.7
		76	2.6	2.1	1.6
		75	2.5	2.0	1.5
		74	2.4	1.9	1.4
		73	2.3	1.8	1.3
		72	2.2	1.7	1.2
		71	2.1	1.6	1.1
		70	2.0	1.5	1.0
Transferred Grades	When a student transfers grades for properly documented courses, the District shall assign weight to those grades based on the categories and grade weight system used by the District.				
Local Graduation Honors	For the purpose of determining honors to be conferred during graduation activities, the District shall calculate class rank at the end of the fifth six-week grading period of the senior year. The average of the fourth and fifth six-week grades shall be used as the semester grade for this purpose.				
	For the purpose of applications to institutions of higher education, the District shall also calculate class rank as required by state law. The District's eligibility criteria for local graduation honors shall apply only for local recognitions and shall not restrict class ranking for the purpose of automatic admission under state law. [See EIC(LEGAL)]				
Valedictorian and Salutatorian	The valedictorian and salutatorian shall be the eligible students with the highest and second highest ranking, respectively. To be eligible for such recognition, a student must:				
	<ol style="list-style-type: none"> 1. Have completed four years at the District high school; and 2. Have completed the Recommended Program, the Advanced/Distinguished Achievement Program, or the foundation program with the distinguished level of achievement or with at least one endorsement. 				
BREAKING TIES	In case of a tie in weighted GPAs after calculation to the thousandths place, the District shall apply the following methods, in this order, to determine recognition as valedictorian or salutatorian:				

Hitchcock ISD
084908

**ACADEMIC ACHIEVEMENT
CLASS RANKING**

**EIC
(LOCAL)**

1. Count the number of dual credit, honors, and collegiate HS courses taken by each student involved in the tie.
2. Calculate a weighted GPA using only eligible grades in dual credit, honors, and collegiate HS courses taken by each student involved in the tie.
3. Calculate a weighted GPA using only eligible grades earned in English, mathematics, science, social studies, and languages other than English taken by each student involved in the tie.
4. Compare Scholastic Aptitude Test (SAT) scores.

**Highest-Ranking
Graduate**

The student meeting the local eligibility criteria for recognition as the valedictorian shall also be considered the highest-ranking graduate for purposes of receiving the honor graduate certificate from the state of Texas

AWARDING CLASS CREDIT

Grades 9-12

Mastery of Objectives

A student's academic achievement shall be based on the degree of mastery of the district's course objectives, which reflect the Texas Essential Knowledge and Skills (TEKS).

Student Requirements

Credits in a class will be awarded at the end of each semester.

All the following criteria must be met:

- * Semester grades may stand independently; or semester grades may be averaged and if the average of the two semesters equals a grade of 70 or higher, the student will receive credit for both semesters.
- * Students who repeat any semester of a year-long course must earn a grade of 70 or higher. A repeated semester grade stands alone and will not be averaged with any other semester grade.
- * The student must have at least a 90% attendance in the class during the semester.
- * Grades for semester courses will stand independently. Students must earn a grade of 70 or higher to receive credit.

Grade Level Advancement

Students will be classified according to the following credits:

Freshman (9th): 0-5.5 credits
Sophomore (10th): 6-12 credits
Junior (11th): 12.5-18.5 credits
Senior (12th): 19 or more credits

STUDENT SCHEDULES

Schedule Process

During the second semester, students register for classes they will need the following year. This initial registration is completed by the end of the year. It is important for students to plan their choices carefully because class size and staffing decisions will be determined from their choices. **Carefully consider all course requests.**

Schedule Changes

Once school starts, schedule changes will be made for the following reasons by using the Schedule Change Request Form (available in the counseling office on the 2nd day of school):

- * Data entry error such as missing classes or too many classes scheduled (will receive immediate attention).
- * Student needs remedial coursework for state assessment.
- * Student already received credit for a class on schedule.
- * Student is enrolled in a course for which they have not completed the appropriate pre-requisite (i.e. in Spanish II without earning credit for Spanish I).
- * Student is a senior and needs particular courses for graduation.
- * Student has a duplicate course on schedule (i.e. P.E. and Athletics).
- * Student needs to move from Honors class to academic level in order to be successful.
- * Student has been accepted or dismissed from a program (i.e. athletics, fine art, CTE, etc.)

In general, elective change requests will not be honored.

TSIA2 Test

What is the TSIA2?

The Texas Success Initiative Assessment, also known as the TSIA2, is a state mandated placement test that Texas public institutions must use to determine a student's readiness for college-level courses. The purpose of the TSIA2 test is to provide you with useful information about your academic skills in math, reading, and writing. You cannot "pass" or "fail" the placement tests, but it is very important that you do your very best on these tests so that you will have an accurate measure of your academic skills. The results of the assessment, in conjunction with your academic background, goals, and interests, are used by academic advisors to determine your course selection and where you will be most successful.

How do the scores work?

The scores show if you are college ready. Below are the scores for being college ready.

TSIA2 ELAR (English and Writing)

English 945 and Essay 5 or

English 910, Diagnostic Level 5, AND Essay 5

TSIA2 Math

950 or

910 AND Diagnostic Level 6

Incoming 12th graders that do not meet the TSIA2 requirements will automatically be placed in College Prep English and/or College Prep Math.

Dual Credit Courses

A dual credit course is a college course which a student may take to earn both college and high school credit. Hitchcock ISD has an agreement with College of the Mainland and has determined the courses for which dual credit can be awarded. These courses provide advanced academic instruction beyond or in greater depth than the State of Texas Assessment of Academic Readiness (STAAR).

Hitchcock High School will grant approval for a student to take a dual credit course if the student has:

- * completed his/her freshman year (has enough credits to be classified as a sophomore)
- * has passed the portion of the STAAR test that relates to the requested dual credit course (preferably with a “meets” score – if not, teacher recommendation is needed)
- * met the college’s minimum testing requirements through the Texas Success Initiative (TSI) assessment
- * maintained a 90% attendance rate
- * has no serious or persistent discipline issues
- * maintains a GPA of 3.0 or higher

To remain in a dual-credit course, the student must:

- * maintain a passing average
- * if the student fails, they are responsible for reimbursing the district for the class and will not be allowed to take a dual-credit class the following semester
- * if a student drops a dual-credit course, they will need to reimburse the district for the course and will not be allowed to take a dual-credit course the following semester

Dual-credit is set up for 2 courses per semester – any amount of courses taken over that amount will have an additional charge. These are courses not funded by Hitchcock ISD.

Students are responsible for returning textbooks in a reusable condition by the last day of the semester. If the textbook is not returned or is damaged in any way, the student will be charged the **full retail price** for a new book.

Students must meet with the counselor to complete the required application, testing requirements, endorsement form, and get approval PRIOR to registering for the college course. Both the student and the parent/guardian must affirm this request. The student must provide the college with a copy of this endorsement. Ample time before course registration must be allowed for this initial process. Registration for summer and fall classes typically begin sometime in April and should be completed before school ends in May. Registration for spring classes typically begins sometime in November and should be completed before winter break. Grades earned in a dual credit course, regardless of the grade, will be posted on the student’s permanent record (transcript) and are calculated in their grade point average and class rank.

Collegiate High School

Hitchcock ISD's qualifications for Collegiate High School application, in addition to Collegiate High School's qualifications include:

- * Attendance must be 90% or better
- * GPA should be 3.0 or higher
- * No severe discipline issues (DAEP, more than 3 ISS or more than 1 OSS)
- * Must pass TSI and all EOC tests

(The principal and/or and CHS committee have the discretion to review any student who has applied and does not meet all of the above criteria.)

Once accepted into Collegiate High School:

- * The student must maintain an average of 85 or above in all coursework.
- * If a student fails one course during a semester, the student will be on probation for the following semester and must reimburse the district for the cost of the course. If the student fails two courses, they must reimburse the district and return to the high school campus for the remainder of their high school education.
- * A student is allowed two dropped courses annually. If that limit is exceeded, the student will return to Hitchcock for the remainder of their high school education.
- * Any course that is dropped or failed – the district must be reimbursed before the student can enroll in the upcoming semester.
- * The student is responsible for returning all textbooks in a reusable condition by the last day of the semester. If the textbooks are not returned or are damaged in any way, the student will be charged the **full retail price** for a new book.

Explanation of Eligibility for Automatic College Admission

Top 10% Rule

You may qualify for automatic admission to many public universities in Texas through the Top 10% Rule. To meet the requirement, you must graduate in the top 10% of your class at a recognized public or private high school in Texas or a high school operated by the E.S. Department of Defense and be a Texas resident or eligible to pay resident tuition. You will also have to ensure that all required documents are received by the institution you are applying to by the application deadline and be sure to enroll in college no more than two years after graduating from high school.

That's a lot of requirements! But wait, there's still more to do.

You also have to successfully complete the:

- * Distinguished Level of Achievement under the Foundation High School Program or
- * Earn a score that at least meets the ACT's College Readiness Benchmarks, or of at least 1,500 out of 2,400 (or the equivalent) on your official SAT.

Be sure to check with the school's admissions office and check requirements regarding test requirements. If you're admitted to college through the Top 10% Rule, you may still be required to provide SAT or ACT scores, but these scores are not used for admissions purposes.

The University of Texas at Austin (Top 7% Rule)

PLEASE NOTE that automatic admission at the University of Texas at Austin is different and can change from year to year.

Go to UT Austin Admission Decisions

<https://admissions.utexas.edu/apply/decision> for more information.

After you're admitted, the university may review your high school records to determine if you're ready for college-level work. If you need additional preparation, you may be required to take a developmental, enrichment, or orientation course prior to your first semester of college. Please keep in mind that admission to a university does not guarantee acceptance into a particular program of study or academic department.

Top 25% Admissions

Not in the Top 10% of your graduating class? Don't give up! You might still qualify for automatic admission. Some universities in Texas have automatic admission for student that graduate in the top quarter (25%) of their graduation class. You will probably need higher ACT or SAT scores to qualify. Go to Texas Institutions of Higher Education (at link below) [http://www.collegeforalltexas.com/index.cfm?objectid=F37DB129-AF15-41BB-E9444247\)E41B678](http://www.collegeforalltexas.com/index.cfm?objectid=F37DB129-AF15-41BB-E9444247)E41B678) to find schools you need to contact to learn more about automatic admissions and Top 25% requirements.

Fee Waiver

NCAA Fee Waiver:

Students are eligible for a waiver of the registration fee if they have received a waiver of the SAT or ACT fee. This is not the same as the U.S. state voucher. Students must have an authorized high school official submit their fee waiver documentation online once they complete their registration.

ACT Fee Waiver:

In order to be eligible for an ACT fee waiver, students must meet one of these indicators of economic need:

- * Their family received low-income public assistance;
- * Their family income is at or below the Bureau of Labor Statistics;
- * They are a ward of the state;
- * They live in a foster home;
- * They are homeless;
- * They participate in a free or reduced-price lunch program at school; or
- * They participate in a federally funded TRIO Program such as Upward Bound.

If you're eligible, you can get a maximum of two waivers, so you will be able to take the ACT for free twice. With a fee waiver, you can also waive the fee to send one score report to your high school and up to four score reports to colleges.

SAT Fee Waiver:

Students are eligible for consideration for an SAT fee waiver if they are a U.S. citizen or a foreign national taking the SAT in the United States or its territories and they meet one of the following requirements:

- * They are enrolled in a program for the economically disadvantaged such as AVID or TRIO;
- * Their family's annual income falls within the levels listed by the U.S. Department of Agriculture (USDA) for free or reduced-price lunches;
- * Their family received public assistance;
- * Their family lives in federally subsidized public housing; or
- * They live in a foster home.

Once your counselor determines that you are eligible, you can receive up to four fee-waiver cards. You are eligible for two SAT registrations and two SAT Subject Test registrations (for example, you can't use three fee waivers for the SAT and one for the SAT Subject Tests).

Federal Student Aid: Find the Information You Need

Financial aid is a complicated topic, so finding your way through the process can be challenging. But we've got resources to help.

Topic	Resource
FAFSA®	
Fill out the FAFSA®	fafsa.gov
FAFSA changes for 2017-18	StudentAid.gov/fafsa-changes
Basic FAFSA info: what is it and how do you fill it out	StudentAid.gov/fafsa and StudentAid.gov/complete
FSA ID (username and password for FAFSA & other sites)	StudentAid.gov/fsaid
Dependency status for FAFSA purposes	StudentAid.gov/dependency
Determining which parent's info to report on the FAFSA	StudentAid.gov/fafsa-parent
How aid is calculated (including link to detailed EFC info)	StudentAid.gov/how-calculated
Types of Aid/Getting Aid	
Types of financial aid	StudentAid.gov/types
Who can get federal student aid	StudentAid.gov/eligibility
Pell Lifetime Eligibility Used	StudentAid.gov/pell-limit
Finding and applying for scholarships	StudentAid.gov/scholarships
Loan interest rates and fees	StudentAid.gov/interest
Aid for military families	StudentAid.gov/military
Avoiding financial aid scams	StudentAid.gov/scams
Student Account Access	
My Federal Student Aid (log in to see grant and loan records)	StudentAid.gov/login
Repaying Loans	
Loan repayment	StudentAid.gov/repay
Repayment Estimator (helps you compare repayment plans)	StudentAid.gov/repayment-estimator
Income-driven repayment plans (e.g., Pay As You Earn plan, Income-Based plan)	StudentAid.gov/idr
Public Service Loan Forgiveness	StudentAid.gov/publicservice
Loan forgiveness in general	StudentAid.gov/forgiveness
Loan forgiveness for teachers	StudentAid.gov/teach-forgive
Preparing for College	
College Preparation Checklist: academic and financial preparation, for elementary school through adult students	StudentAid.gov/checklist
Middle school preparation	StudentAid.gov/early
Special Audiences	
Info for parents (tax benefits, support your child, college costs)	StudentAid.gov/parent
Graduate school funding	StudentAid.gov/grad
Financial aid for adult students	StudentAid.gov/resources#adult-students
Non-U.S. citizen eligibility	StudentAid.gov/noncitizen
Going to college in another country	StudentAid.gov/international
Publications, Videos, Infographics	
Fact sheets, infographics, brochures, videos on all topics	StudentAid.gov/resources
Social Media	
@FAFSA Twitter feed	www.twitter.com/FAFSA
Federal Student Aid YouTube channel	www.YouTube.com/FederalStudentAid
Federal Student Aid Facebook page	www.Facebook.com/FederalStudentAid

Download this fact sheet at StudentAid.gov/resources#find-aid-info.

High School Testing Program Guide

STAAR

What are STAAR end-of-course exams?

STAAR stands for State of Texas Assessments of Academic Readiness. High school students must take and pass certain required courses and the end-of-course exams for those courses. The assessments are based on the Texas Essential Knowledge and Skills, the state curriculum standards. The end-of-course exams are designed to ensure that students are learning the specific course material and are prepared to succeed in college and/or careers.

Who is required to take STAAR in high school?

Students who entered the ninth grade in the 2011–2012 school year or later must pass five STAAR end-of-course tests to graduate from a Texas public high school. Those students' end-of-course tests are:

- English I
- Algebra I
- U.S. History
- English II
- Biology

How are the tests administered?

Each test can be taken either on paper or online. Students have four hours to complete the Algebra I, Biology and U.S. History tests. They have five hours each to complete the English I and II exams, which are combined reading and writing tests. Special accommodations are available to some students who receive special education services.

How often are end-of-course tests administered?

Each test is given three times a year to provide multiple testing opportunities for those who don't pass an assessment on the initial attempt.

How is STAAR changing in 2014?

Beginning in spring 2014, the English I and II reading and writing assessments will be combined into a single test that will be given on one day, rather than two. Students are no longer required to pass end-of-course exams in English III, Algebra II, geometry, chemistry, physics, world geography, and world history.

Will a student who receives special education services take the STAAR?

The admission, review, and dismissal (ARD) committee for a student who receives special education services will determine whether that student will take STAAR, STAAR Modified, or STAAR Alternate.

What happens if a student completes the course but does not pass the test?

If a student passes the course but does not pass the end-of-course assessment, the student may take the test again. However, a student is not required to retake a course just because he or she failed the assessment. A school is required to provide accelerated instruction to each student who does not show satisfactory performance on STAAR.

What if a student took one of these courses with a required end-of-course assessment in middle school?

If a student took an end-of-course assessment in grade 8 or below and passed, then the student is not required to retake the test in high school. For example, if an eighth-grade student took Algebra I in middle school, took the Algebra I end-of-course exam and passed both the course and the test, they do not retake the test in high school. The end-of-course exam(s) taken and passed in middle school will count towards the student's state testing requirement for graduation.

Where can a student find more information about the changes to STAAR?

The latest information about STAAR can be found on the Texas Education Agency website at www.tea.state.tx.us/student.assessment/staar/.

