



**Hitchcock Independent School District**

Hitchcock High School

**Travis W. Edwards**

*Superintendent*

☎ 409-316-6545 ext. 1501

✉ tedwards@hitchcockisd.org

**Suzette Neeley**

*Principal*

☎ 409-316-6544

✉ sneeley@hitchcockisd.org

# Hitchcock High School

## Course Planning Guide 2024-2025

Principal Dr. Suzette Neeley

# Hitchcock Independent School District

7801 Neville Road, Building B, Hitchcock, Texas 77563  
Phone: 409-316-6545 Fax: 409-986-5141

## ADMINISTRATION

Travis Edwards – Superintendent

## BOARD OF TRUSTEES

Monica Cantrell, President; Chad Allen, Vice President; Tom Ivey, Secretary; Tony Combs, Trustee; Ryan Massa, Trustee; Dr. Shirley Price, Trustee; Ted Robinson, Jr., Trustee

# Hitchcock High School

6629 FM 2004, Hitchcock, Texas 77563  
Phone: 409-316-6544 Fax: 409-986-9339

## ADMINISTRATION

Suzette Neeley – Principal  
– Assistant Principal

Philip Salazar – Dean of Students

Cynthia Coronado - Counselor

Craig Smith – Athletic Director

Rachel Morales – Secretary

Chelsea Williams – Attendance Clerk

Irene Donoho – Registrar

Lynell Rutledge -Campus Special Programs

## GREATER GULF COAST COOPERATIVE

Evangelina Guerra – Director

NAME \_\_\_\_\_ Student ID \_\_\_\_\_ Phone # \_\_\_\_\_

**Hitchcock High School      2024-2025      9th Grade- Class of 2028**

Required Courses. Please circle one for each of the following four core classes.

*It is recommended for **Honors classes** that students scored Meets or Masters on their 8th grade EOC*

1. <i>ELA</i> English <u>or</u> English Honors	3. <i>Social Studies</i> World Geography <u>or</u> World Geography Honors
2. <i>Math</i> Algebra 1 <u>or</u> Algebra 1 Honors <u>or</u> <i>if you took Algebra 1 in 8th grade -</i> <u>Geometry Honors</u>	4. <i>Science</i> <u>IPC</u> <u>or</u> <u>Biology Honors</u>

**Required Electives**

If you are interested in beginning Dual credit classes as a 9th grader, please fill out the application on the back of this form

5. <i>PE</i> <u>or</u> <i>Athletics / Cheer/ Swingerette</i> – Must have made the team for Cheer and Swingerettes		
6. <i>Foreign Language</i>	Spanish 1	Do you speak Spanish at home? Y N

**ADDITIONAL ELECTIVE CHOICE (2)**

Please put a 1 next to your top choice and a 2 next to your second choice.

7. <i>Fine Art- You need 1 fine art credit to graduate. It can be taken at any grade level.</i>			
<i>Circle one if you would like to take your Fine Art credit during your 9th grade year. You may continue all four years.</i>			
Art 1	Theater 1	Choir 1	Dance 1
Applied Music 1	JAZZ BAND 1	Band 1	Mr. Brunson's Signature is required for all BAND _____

8. <i>Additional Elective courses options: 1 next to first choice and 2 next to second choice</i>		
____ AVID 1 Must fill out application		
CTE Pathways are listed below. <i>If you choose one of our CTE Pathways as one of your electives, we will match your selection with the appropriate class.</i>		
____ Agriculture	____ HealthScience	____ Business/Marketing
____ Culinary Arts	____ Education/Teaching	
____ Criminal Justice	____ Robotics	____ Maritime* pending interest

*If your choices are not available, please list your top two alternate choices from the electives listed in 7 and 8 above.*

1. \_\_\_\_\_ 2. \_\_\_\_\_

☐ Please check here if you qualify for the McMurry Dual Credit program and fill out the application on the back

**I, the parent or guardian of this student, am aware of the classes my student has selected.**

**Parent Signature** \_\_\_\_\_

# McMurry University Dual Credit Application

Freshman and Sophomore students who qualify may begin taking courses for college credit with McMurry University right here on HHS campus. By following the McMurry program it is possible to graduate from high school with an associates degree.

## Qualifications

1. Must have passed all classes in 8th grade (or prior school year)with an A.
2. Must have scored Meets or Masters on all 8th grade STAAR exams.
3. Must be self motivated.

*These courses are online through McMurry. We do provide a certified teacher to oversee the program, but this teacher is NOT teaching the course nor are they responsible for grading student work.*

Those who fill out this application will be invited to an informational meeting with our Dean of Students, Mr. Salazar prior to the end of this school year.

- ☐ I believe I qualify for this program and would like to enroll
- ☐ I understand that this dual credit college course will take the place of my elective in my schedule.
- ☐ I understand that the college courses are provided at a deeply discounted rate of \$50 per class and will pay this by the end of the first week of school.

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Student printed name

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School ID

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Parent signature

NAME \_\_\_\_\_ Student ID \_\_\_\_\_ Phone # \_\_\_\_\_

# Hitchcock High School    2024-2025    10th Grade- Class of 2027

Required Courses. Please circle one for each of the following four core classes.  
*It is recommended for **Honors classes** that students scored Meets or Masters previous ears EOC*

<b>ELA</b> <u>English <b>or</b> English Honors</u>	<b>Social Studies</b> <u>World History Regular <b>or</b> World History Honors</u>
<b>Math</b> <u>Geometry <b>or</b> Geometry Honors</u> <u>Algebra 2 <b>or</b> Algebra 2 Honors</u>	<b>Science</b> <u>Biology Regular <b>or</b> Biology Honors</u> <u>Chemistry <b>or</b> Chemistry Honors</u>

\_\_\_\_\_ I am taking additional Dual Credit Courses and need to have an appointment with the Counselor for scheduling

## Required Electives

<b>PE</b> <i>or Athletics/ Cheer/ Swingerette - Coaches signature required here for Athletics _____</i>		
<b>Foreign Language</b>	Spanish 1    or    Spanish 2	Do you speak Spanish at home?    Y    N

You get 2 ADDITIONAL ELECTIVE CHOICES- If you already have your PE credit you get 3 choices from below- you may take PE multiple years.

If you are interested in taking Dual credit classes as a 10th grader, please fill out the application on the back of this form

<b>Fine Art-</b> You need 1 fine art credit to graduate. It can be taken at any grade level. Circle one if you would like to take your Fine Art credit during your 10th grade year. You may continue all four years		
Art 1 or 2	Theatre 1 or 2	Musical Theatre    Choir    Dance    Music Appreciation
Applied Music 2	JAZZ BAND    2    Band 2	Mr. Brunson's Signature is required for all BAND _____

## Additional Elective courses options:

\_\_\_\_\_ AVID 2 Must fill out application    \_\_\_\_\_ Yearbook    \_\_\_\_\_ Sports MED    \_\_\_\_\_ Mawby signature required

CTE Pathways are listed below. *If you choose one of our CTE Pathways as one of your electives, we will match your selection with the appropriate class.*

_____ Agriculture (circle) Animal or Wildlife	_____ HealthScience	_____ Business/Marketing
_____ Culinary Arts	_____ Education/Teaching	
_____ Criminal Justice	_____ Robotics	_____ Maritime* pending interest

*If your above choices are not available, please list your top two alternate choices from the electives listed in 7 and 8*

\_\_\_\_\_  
 I, the parent or guardian of this student, am aware of the classes my student has selected.

Parent Signature \_\_\_\_\_

NAME \_\_\_\_\_ Student ID \_\_\_\_\_ Phone # \_\_\_\_\_

## Hitchcock High School    2024-2025    11th Grade- Class of 2026

Required Courses. Please circle one for each of the following four core classes.  
*It is recommended for **Honors classes** that students scored Meets or Masters previous years EOC*

1. ELA <u>English or English Honors</u> <u>or Dual Credit</u>	3. Social Studies <u>US History Regular OR US History Honors</u> <u>OR Dual Credit</u>
2. Math <u>Algebra 2 OR Algebra 2 Honors</u> <u>OR Math Models</u>	4. Science <u>Chemistry or Chemistry Honors or</u> <u>Physics or Physics Honors</u>

\_\_\_\_\_ I am taking additional Dual Credit Courses and need to have an appointment with the Counselor for scheduling  
**Required Electives**

5. PE or Athletics/ Cheer/ Swingerette - Coaches signature required here for Athletics _____
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6. Foreign Language                      Spanish    1    2    3                      Do you speak Spanish at home?    Y    N
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You get 2 ADDITIONAL ELECTIVE CHOICES- If you already have your PE and Spanish credits you get 4 choices from below- you may take PE multiple years

7. Fine Art- You need 1 fine art credit to graduate. It can be taken at any grade level. <i>Circle one if you would like to take your Fine Art credit during your 11th grade year. You may continue all four years</i>	
Art 1 or 2 or 3            Theatre 1 or 2 or 3            Musical Theatre            Choir            Dance            Music Appreciation	Applied Music 3            JAZZ BAND 3            Band 3 Mr. Brunson's Signature is required for all BAND _____

8. Additional Elective courses options:		
_____ AVID 3 Must fill out application            _____ Yearbook            _____ Sports MED 1 or 2            _____ Mawby signature required	_____ Floral Design	
CTE Pathways are listed below. If you choose one of our CTE Pathways as one of your electives, we will match your selection with the appropriate class.		
_____ Agriculture (circle) Animal or Wildlife	_____ HealthScience	_____ Business/Marketing
_____ Culinary Arts	_____ Education/Teaching	_____ Maritime* pending interest
_____ Criminal Justice	_____ Robotics	_____

*If your above choices are not available, please list your top two alternate choices from the electives listed above.*

\_\_\_\_\_  
 I, the parent or guardian of this student, am aware of the classes my student has selected.

Parent Signature \_\_\_\_\_

NAME \_\_\_\_\_ Student ID \_\_\_\_\_ Phone # \_\_\_\_\_

**Hitchcock High School    2024-2025    12th Grade- Class of 2025**

Required Courses. Please circle one for each of the following four core classes.  
*It is recommended for **Honors classes** that students scored **Meets or Masters** previous year EOC*

1. <i>ELA</i> College Prep English <u>Literary Genres</u> (must have passing TSI Or Masters on Eng 2 EOC) or Dual Credit	3. <i>Social Studies</i> <u>Government</u> or Dual Credit
2. <i>Math</i> <u>College Prep Math</u> or <u>Pre Cal</u> or <u>Algebra 2</u>	4. <i>Science</i> <u>Physics</u> or <u>Physics Honors</u> or <u>Forensic Science</u> or <u>Food Science</u> or <u>Advanced Animal Science</u> or <u>Anatomy &amp; Physiology</u>

\_\_\_\_\_ I am taking additional Dual Credit Courses and need to have an appointment with the Counselor for scheduling  
**Required Electives**

5. <i>PE</i> or <i>Athletics/ Cheer/ Swingerette</i> - Coaches signature required here for Athletics _____
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6. <i>Foreign Language</i> Spanish    2    3    4                      Do you speak Spanish at home?   Y    N
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You get 2 ADDITIONAL ELECTIVE CHOICES- If you already have your PE and Spanish credits you get 4 choices from below- you may take PE multiple years

7. <i>Fine Art- You need 1 fine art credit to graduate. It can be taken at any grade level.</i> <i>Circle one if you would like to take your Fine Art credit during your senior year.</i>	
Art 1 2 3 4      Theatre 1 2 3 4      Musical Theatre      Choir      Dance      Music Appreciation	
Applied Music 4      JAZZ BAND 4      Band 4      Mr. Brunson's Signature is required for all BAND _____	

8. <i>Additional Elective courses options:</i>	
____ AVID 4 Must fill out application      ____ Yearbook      ____ Sports MED 1 or 2 or 3 ____ Mawby signature required	
____ Floral Design	
CTE Pathways are listed below. <i>If you choose one of our CTE Pathways as one of your electives, we will match your selection with the appropriate class.</i>	
____ Agriculture (circle) Animal or Wildlife      ____ HealthScience      ____ Business/Marketing	
____ Culinary Arts      ____ Education/Teaching	
____ Criminal Justice      ____ Robotics      ____ Maritime	

*If your above choices are not available, please list your top two alternate choices from the electives listed in 7 and 8*

\_\_\_\_\_  
I, the parent or guardian of this student, am aware of the classes my student has selected.

Parent Signature \_\_\_\_\_

# Hitchcock High School – Core Courses

2024-2025

COURSE	9 <sup>TH</sup> GRADE	10 <sup>TH</sup> GRADE	11 <sup>TH</sup> GRADE	12 <sup>TH</sup> GRADE
<b>English</b>	English 1 or English 1 (H)	English 2 or English 2 (H)	English 3 or English 3 (DC)	English College Prep or English 4 or Literary Genres (must have passed TSI) or English 4 (DC)
<b>Math</b>	Algebra 1 or Algebra 1 (H)	Geometry or Geometry (H)	Algebra 2 or Algebra 2 (H)	Independent Studies Math or Pre-Calculus (H) or Math College Prep
<b>Science</b>	IPC or Biology (H)	Biology or Chemistry Or Chemistry (H)	Chemistry or Physics Or Physics (H)	Food Science or Forensic Science or Advanced Animal Science or Anatomy & Physiology or Physics
<b>Social Studies</b>	World Geography or World Geography (H)	World History or World History (H) or U.S. History (DC)	US History or US History (H) Or Social Studies (DC)	U.S. Government AND Economics or U.S. Government (DC) AND Economics (DC)

(H) Indicates Honors

(DC) Indicates Dual Credit



## ENDORSEMENTS

ENDORSEMENT	Career Cluster	9 <sup>th</sup> GRADE	10 <sup>th</sup> GRADE	11 <sup>th</sup> GRADE	12 <sup>th</sup> GRADE
Public Service	Health Science (Healthcare Diagnostics)	Principles of Health Science	Medical Terminology	Anatomy and Physiology	Practicum in Health Science
Public Service	Education & Training	Principles of Education and Training	Human Growth and Development	Instructional Practices	Practicum in Education and Training
Public Service	Criminal Justice	Principals of Criminal Justice	Law Enforcement 1	Law Enforcement 2	Forensic Science
Business & Industry	Manufacturing (Welding) (Offered at COM)		Introduction to Welding <b>and</b> Welding 1	Introduction to Welding <b>and</b> Welding 1 or Welding 2	Welding 2 or Welding 3
Business & Industry	Cosmetology				
Business & Industry	Maritime	Principals of Maritime	Maritime Science 1	Maritime Science 2	Practicum

Business & Industry	Hospitality & Tourism (Culinary Arts)	Introduction to Culinary Arts	Culinary Arts	Advanced Culinary Arts	Food Science
Business & Industry	Business Marketing and Finance	Principles of Business, Marketing, and Finance	Social Media Marketing/Sports and Entertainment Marketing	Retail Management	Practicum in Marketing
Business & Industry	Agriculture, Food, & Natural Sciences – Animal Science	Principles of Agriculture, Food, & Natural Resources	Small Animal Science <b>and</b> Equine Science	Advanced Animal Science	Career and technical education project based capstone.
Business & Industry	Agriculture, Food & Natural Sciences – Environmental and Natural Resources	Principles of Agriculture, Food, & Natural Resources	Wildlife, Fisheries, & Ecology Management	Range Ecology Management	Career and technical education project based capstone.
		Kinesiology 1	Kinesiology 1		
Business & Industry	graphic				
<b>Manufacturing</b>					
Arts & Humanities	Fine Arts	Art 1, Art 2, Art 3, Art 4, <b>OR</b> Band 1, Band 2, Band 3, Band 4, <b>OR</b> Choir 1, Choir 2, Choir 3, Choir 4, <b>OR</b> Musical Theater, Theater Arts 1, Theater Arts 2, Theater Arts 3, Theater Arts 4 <b>OR</b> 2 credits from 2 Fine Art groups. Four years of Spanish: Spanish 1,2,3 and 4.			
STEM	Science	Biology	Chemistry	Physics	Choose (2) Anatomy & Physiology, Food Science, Forensic Science, Advanced Animal Science
STEM	Mathematics	Algebra 1	Geometry	Algebra 2	Choose (2) Independent Study in Math, Math College Prep, Pre-Calculus

Multidisciplinary	4x4 in all four core subject areas, including any one of the Senior English options
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## CERTIFICATIONS

- Business Marketing – Student Social Media Marketing Certification
- Practicum in Health Services – Certified Nursing Assistant
- Principles of Hospitality & Tourism or Introduction to Culinary Arts – ServSafe Manager Certification
- Practicum of Transportation Systems – ASE Entry Level Certification: Engine Repair
- COM Barber – Barber Operator License
- COM Beautician – Cosmetology Operator License
- COM Welding – AWS

<b>English Course Offerings</b>
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### ENGLISH 1

**Grade: 9**

**Credit: 1**

**Course Code: EN1R**

**Prerequisite: None**

In this course students increase and refine their communication proficiencies while focusing on the knowledge and skills identified in the TEKS. Writing assignments revolve around the writing process (prewriting/brainstorming, first draft, revision, editing, final draft/publishing), and composition vary in form and length. Students read extensively in multiple genres, learn about various literary and rhetorical forms, analyze texts for author's craft, participate in research activities, speak effectively and with purpose, listen attentively, and refine their grammar skills.

### ENGLISH 1 (HONORS)

**Grade: 9**                                      **Credit: 1**                                      **Course Code: EN1H**

**Prerequisite: Student achieved at least “meets” on previous year’s Reading STAAR test**

In this course students increase and refine their communication proficiencies while focusing on the knowledge and skills identified in the TEKS. Writing assignments revolve around the writing process (prewriting/brainstorming, first draft, revision, editing, final draft/publishing), and composition vary in form and length. Students read extensively in multiple genres, learn about various literary and rhetorical forms, analyze texts for author’s craft, participate in research activities, speak effectively and with purpose, listen attentively, and refine their grammar skills. This course covers the curriculum while adding strategies and practices designed to prepare students to be college ready.

## **ENGLISH 2**

**Grade: 10**                                      **Credit: 1**                                      **Course Code: EN2R**

**Prerequisite: English 1**

This course will focus on the entire writing process, from pre-writing strategies through the final draft. Students will study the construction of writing, including sentence structure and grammar. Primary forms of writing will include personal essays and using text examples to prove a thesis, which will prepare students for their 10<sup>th</sup> grade level state exam. Much emphasis will be placed on the revising and editing of drafts to create a final written product. Other writing forms will be utilized to reinforce the process of writing, and vocabulary will be studied in order to improve student writing. There will be literature analysis in the form of using text examples to prove a thesis, and works from various cultures and countries will be read and studied as examples.

## **ENGLISH 2 (HONORS)**

**Grade: 10**                                      **Credit: 1**                                      **Course Code: EN2H**

**Prerequisite: English 1; Student achieved at least “meets” on previous year’s Reading STAAR test**

The focus of English II Honors is an extensive study of vocabulary, grammar, literature, and writing, preparing for the state exam as well as PSAT, SAT, and ACT in both reading and composition. This is a writing intensive course that stresses the critical thinking skills of analysis, evaluation, and synthesis through discussion, reading, and written reflection.

## **ENGLISH 3**

**Grade: 11**                                      **Credit: 1**                                      **Course Code: EN3R**

**Prerequisite: English 2**

This course will continue the focus of the writing process, from pre-writing strategies through the final draft. Students will further study the construction of writing, including more complex sentence structure and grammar. Students will practice to improve their skills of personal essay writing and using text examples to prove a thesis, which will better prepare them to meet the requirement of passing the exit level exam for graduation. Emphasis will continue to be placed on the revising and editing of drafts to create a final written product. Other writing forms will be utilized to reinforce the process of writing, and vocabulary will be studied in order to improve student writing. There will be literature analysis in the form of using text examples to prove a thesis, and American works will be read and studied as examples.

## **ENGLISH 3 DUAL CREDIT**

**Grade: 11**                                      **Credit: 1**                                      **Course Code: EN3D**

**Prerequisite: Approval from principal or counselor, and college admission requirements**

Literature classes vary – see counselor for choices.

## **CREATIVE WRITING**

**Grade: 11-12**                                      **Credit: 1**                                      **Course Code: ENCW**

**Prerequisite: English 2; Approval from principal or counselor**

The study of creative writing allows high school students to earn one-half to one credit while developing versatility as a writer. 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 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.

#### **ENGLISH 4**

**Grade: 12**

**Credit: 1**

**Course Code: EN4R**

**Prerequisite: English 3; a score of at least 945 and 5 on the TSIA2 tests**

This course will emphasize the development of precision in meaning as compositions are revised for specific purposes and audiences. Students will evaluate and analyze their own writing as well as that of others. Forms of writing studied and composed will include persuasive, personal (in the form of a college essay), research, and expository (in the form of a resume). The origin and development of the English language and its sociological functions will be explored in major works of British Literature. These works will be further analyzed for historical characteristics and connections.

#### **PRACTICAL WRITING**

**Grade: 10-11**

**Credit: 1**

**Course Code: ENPW**

**Prerequisite: English 2; Approval from principal or counselor**

This course allows students to develop 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, the reading comprehension of informational text, and the effective use of vocabulary. Students are expected to understand the recursive nature of reading and writing. Evaluation of students' own writing as well as the writing of others ensures that students completing this course are able to analyze and evaluate their writing.

#### **INDEPENDENT STUDIES IN ENGLISH**

**Grade: 11/12**

**Credit:1**

**Course Code: ENIS**

**Prerequisite: English 2; Approval from principal or counselor**

This course focuses on a specialized area of study such as the work of a particular author or genre. Students will read and write in multiple forms for a variety of audiences and purposes. Students are expected to plan, draft, and complete written compositions on a regular basis and carefully examine their papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English.

#### **ENGLISH 4 DUAL CREDIT**

**Grade: 12**

**Credit: 1**

**Course Code: EN4D**

**Prerequisite: Approval from principal or counselor, and college admission requirements**

Literature classes vary – see counselor for choices.

#### **ENGLISH COLLEGE PREP**

**Grade: 12**

**Credit: 1**

**Course Code: ENCP**

**Prerequisite: English 3**

English College Prep was created to evaluate student's readiness for high-level coursework, and identify any areas where students may need additional academic support. All public colleges and universities in Texas are required by law to assess the English skills of incoming first year college students.

**Incoming 12<sup>th</sup> graders that do not meet the TSIA2 English requirements will automatically be placed in English College Prep.**



## Math Course Offerings

### ALGEBRA 1

**Grade: 9**

**Credit: 1**

**Course Code: MA1R**

**Prerequisite: None**

In this course, which is required for high school graduation, students will build on the knowledge and skills for mathematics in Grades 6-8, which provide a foundation in linear relationships, number and operations, and proportionality. 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.

### ALGEBRA 1 (HONORS)

**Grade: 9**

**Credit: 1**

**Course Code: MA1H**

**Prerequisite: Student achieved at least “meets” on previous year’s Math STAAR test**

This course encompasses and extends upon all of the concepts and skills included in Algebra I, while providing for development of higher level and critical thinking skills through more rigorous problem solving opportunities.

### MATH MODELS

**Grade: 10**

**Credit: 1**

**Course Code MAMM**

**Prerequisite: Algebra 1; Approval from principal or counselor**

This course is an introduction to using mathematical methods to model and solve real-life applied problems involving money, data, chance, patterns, music, design, and science. Students use calculators and computers in real-life situations.

### GEOMETRY

**Grade: 10-11**

**Credit: 1**

**Course Code MAGR**

**Prerequisite: Algebra 1**

Geometry is designed to develop systematic reasoning by use of definitions, postulates and theorems based on undefined terms, point, line, and plane. This course develops concepts of angles, parallelism and perpendicularity of lines and planes, triangles, similarity and congruence. The course develops concepts of circles, areas and volumes, special triangles and relationships, and coordinates geometry.

### GEOMETRY (HONORS)

**Grade: 10-11**

**Credit: 1**

**Course Code: MAGH**

**Prerequisite: Algebra 1(H); Student must achieved at least “meets” on Algebra 1 EOC**

This course encompasses and extends upon all of the concepts and skills included in Geometry, as well as providing students with an opportunity to study topics on the history and development of geometry.

### ALGEBRA 2

**Grade: 11-12**

**Credit: 1**

**Course Code: MA2R**

**Prerequisite: Algebra 1 and Geometry**

Algebra II expands algebra concepts and prepares the student for trigonometry, elementary analysis, and Calculus and college math. This course extends Algebra I skills into graphing and solving functions and equations.

### **ALGEBRA 2 (HONORS)**

**Grade: 11-12**

**Credit: 1**

**Course Code: MA2H**

**Prerequisite: Geometry HONORS**

This course encompasses and extends upon all of the concepts and skills included in Algebra II, as well as providing students with opportunities to abstract generalizations from complex situations and to transfer and apply knowledge to new situations.

### **ALGEBRAIC REASONING**

**Grade: 11<sup>th</sup>-12<sup>th</sup>**

**Credit: 1**

**Course Code: MAAR**

**Prerequisite: Algebra 1; Approval from principal or counselor**

In Algebraic Reasoning, students will broaden their knowledge of functions and relationships, including linear, quadratic, square root, rational, cubic, cube root, exponential, absolute value, and logarithmic functions. They 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.

### **PRE-CALCULUS (HONORS)**

**Grade: 12**

**Credit: 1**

**Course Code: MPCH**

**Prerequisite: Algebra 2 (H), a score of at least 350 on Math TSIA or 950 on Math TSIA2 test**

This course includes a study of trigonometry during the first term and an analysis of different functions (polynomial, rational, exponential, logarithmic, and logistic), including sequences/series, conics, vectors, and parametric and polar equations during the second term.

### **MATH COLLEGE PREP**

**Grade: 12**

**Credit: 1**

**Course Code: MCPR**

**Prerequisite: Algebra 2**

Math College Prep was created to evaluate student's readiness for high-level coursework and identify any areas where students may need additional academic support. Topics cover: elementary algebra and functions, intermediate algebra and functions, geometry and measurement, and data analysis, statistics, and probability. All public colleges and universities in Texas are required by law to assess the mathematical skills of incoming first year college students.

**Incoming 12<sup>th</sup> graders that do not meet the TSIA2 Math requirements will automatically be placed in Math College Prep.**

### **INDEPENDENT STUDY MATH**

**Grade: 12**

**Credit: 1**

**Course Code: MISR**

**Prerequisite: Algebra 2; a score of at least 350 on Math TSIA or 950 on Math TSIA2 test**

Independent Study Math was created to evaluate student's readiness for high-level coursework, and identify any areas where students may need additional academic support. Topics cover: elementary algebra and functions, intermediate algebra and functions. Geometry and measurement, and data analysis, statistics, and probability.



## Science Course Offerings

### **BIOLOGY**

**Grade: 9**

**Credit: 1**

**Course Code: SCBR**

**Prerequisite: None**

In this course students conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical-thinking and scientific problem solving. Students in Biology study a variety of topics that include: structure and functions of cells and viruses; growth and development of organisms; cells, tissues, and organs; nucleic acids and genetics; biological evolution; taxonomy; metabolism and energy transfers in living organisms; living systems; homeostasis; ecosystems; and plants and the environment.

### **BIOLOGY (HONORS)**

**Grade: 9**

**Credit: 1**

**Course Code: SCBH**

**Prerequisite: Must have at least “meets” on 8<sup>th</sup> grade STAAR Science test or teacher recommendation**

This course offers a more advanced level of experiences in the concepts of biology. Laboratory activities are presented as a combination of inquiry and confirmatory exercises, including animal dissection. Many of the concepts are the same as those in Biology except the presentation is more accelerated and in more detail. Animal dissection is a required part of the curriculum in this course.

### **ENVIRONMENTAL SYSTEMS**

**Grade: 10-12**

**Credit: 1**

**Course Code: SESR**

**Prerequisite: Algebra I, Biology, and approval from principal/counselor**

In Environmental Systems, students conduct field and laboratory 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: 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 population and ecosystems; and changes in environments.

### **CHEMISTRY**

**Grade: 10-11**

**Credit: 1**

**Course Code: SCCR**

**Prerequisite: Algebra I and Biology**

Chemistry is the study of the science of matter and changes in matter using applied mathematics. Inorganic chemistry is emphasized along with laboratory experiments and lab safety with prediction and analysis.

### **CHEMISTRY (HONORS)**

**Grade: 10-11**

**Credit: 1**

**Course Code: SCCH**

**Prerequisite: Biology (H) or at least “meets” on Biology EOC exam**

Honors Chemistry is the study of science of matter and changes in matter using applied mathematics. Inorganic chemistry is emphasized along with laboratory experiments and lab safety with prediction and analysis. Honors students will work at an accelerated pace with a more advanced curriculum and more in-depth approach. The Honors course is recommended for students interested in science related careers.

## **PHYSICS**

**Grade: 11-12**

**Credit: 1**

**Course Code: SCPR**

**Prerequisite: Chemistry**

This course is an integration of the theoretical (mathematical) and empirical (observational) aspects of physics. Students will acquire lab-oriented skills while getting an introduction to the fundamental laws of physics. Major fields of study are mechanics, energy and heat, electricity, waves, light, and nuclear physics.

## **PHYSICS (HONORS)**

**Grade: 11-12**

**Credit: 1**

**Course Code: SCPH**

**Prerequisite: Chemistry (H) and Algebra II (H)**

This course is an integration of the theoretical (mathematical) and empirical (observational) aspects of physics. Students will acquire lab-oriented skills while getting an introduction to the fundamental laws of physics. Major fields of study are mechanics, energy and heat, electricity, waves, light, and nuclear physics.

## **FOOD SCIENCE**

**Grade: 12**

**Credit: 1**

**Course Code: SFSR**

**Prerequisite: Biology, Chemistry, and a 3<sup>rd</sup> Science**

The class explores the nature and improvement of foods for consumers. Students study nutrition and wellness, food technology, world food supply, diet-related disorders, chemical and physical changes that affect food product quality, technologies used in food processing, and food safety. Investigation of the properties of food and how it affects the human body will also be covered.

## **FORENSIC SCIENCE**

**Grade: 12**

**Credit: 1**

**Course Code: SFRR**

**Prerequisite: Biology, Chemistry, and a 3<sup>rd</sup> Science**

This course is a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of the criminally insane. Students will learn basic terminology and investigative procedures related to crime scene, question building, interviewing, criminal behavior characteristics, truth detection methodology, and scientific procedures used to solve crimes. Students will have the opportunity to collect and analyze evidence through case studies and mock crime scenes. Students will learn about the history, legal aspect of forensics, and career options available in the forensic field.

## **ADVANCED ANIMAL SCIENCE**

**Grade: 11-12**

**Credit: 1**

**Course Code: AG03**

**Prerequisite: Principles Ag, Food, & Natural Resources, Biology, Chemistry or IPC, Algebra 1, and Geometry.**

This course is developed to prepare students for a career in the field of animal science. The students will learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. This course examines the correspondence of human, scientific, and technological aspects of animal science through field and laboratory experience.

**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.

**SCIENTIFIC RESEARCH AND DESIGN****Grade: 11<sup>th</sup>-12<sup>th</sup>****Credit: 1****Course Code: SCRD**

Scientific Research and Design has the components of any rigorous scientific or engineering program of study from the problem identification, investigation design, data collection, data analysis, formulation, and presentation of the conclusions.

## 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 8<sup>th</sup> 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: 10**

**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 20<sup>th</sup> century.

### UNITED STATES HISTORY (HONORS)

**Grade: 10**

**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 offered through Edgenuity.

**WORLD HISTORY****Grade: 11****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: 11****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 Fall semester****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 Spring semester****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

### **THEATRE ARTS 1, 2, 3, 4**

**Grade: 9-12**

**Credit: 1**

**Course Code: FAT1, FAT2, FAT3, FAT4**

#### **Theater 3-4 Prerequisite: Theater Director's approval**

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.

### **MUSICAL THEATRE 1, 2, 3, 4**

**Grade: 9-12**

**Credit: 1**

**Course Code: MUTH1 (03251900)**

#### **Prerequisite: Theater Director's approval**

Musical Theatre will expose students to a wide range of on-stage performance disciplines, including acting performance, vocal performance, and dance performance. The course will also provide an atmosphere in which students benefit from a teaching and learning experience in these performance disciplines of musical theatre. Students will receive comprehensive and rigorous instruction so that they may make informed choices about the craft, college, and the profession. The course will enhance and cultivate the creative gifts of each student while encouraging a sense of self-confidence. The course will enable students to study and perform the varied styles of musical theatre with special attention to the principles of stage movement, stage vocal technique, stage choreography, acting, characterization, and other aspects of a musical production.

### **Dance 1, 2, 3, 4**

**Grade: 9-12**

**Credit: 1**

**Course Code: FADA1**

This class is an introduction and application to dance. It is designed to introduce high school students to various forms of dance. Dance, like other art forms, is a universal language, an expressive and vibrant art with the capacity to make connections to ourselves, others, and the world around us. The class will provide instruction on technique, creativity, and the theory of dance.

### **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.

**DANCE APPRECIATION****Grade: 9-12****Credit: 1****Course Code: ?**

Students enrolled in this Dance Appreciation course will explore the anthropology and historic contributions of African American and Mexican American cultures to deepen knowledge, diversity, growth, and development of dance interpretation in the United States. The goal of this dance course is to broaden the cultural awareness and development of students interested in a culturally diverse curriculum. Students will research universities that offer culturally specific dance degrees while honing their skills as a dance citizen. Knowledge and Skills will be taught through the lens of the history and unique cultural experiences of African American and Mexican Folkloric dance genres.

**CHOIR 1, 2, 3, 4****Grade: 9-12****Credit: 1****Course Code: FAC1**

Performance-based courses provide the opportunity for students to develop and express their creativity and appreciation of varied music genres while developing personal vocal performance skills. The continued skill development, performance expression, and study of varied cultures, historical periods, and the acquisition of other languages through vocal performance are enhanced through numerous large and small ensemble public performances.



## 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 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. - Application required and must be accepted.**

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' school wide 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 (school board approval)****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 (school board approval)****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 AIDE****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. Students must be in good academic standing, meet all grade level course requirements and remain in good academic standing. Students that receive disciplinary action may be disqualified from the position.

**LATE ARRIVAL & EARLY RELEASE****Grade: 12****Credit: 0****Course Code: LATE, EARL**

**Prerequisite: Applied only to second semester.** Application & approval by the principal. Students will not be considered unless they have met all academic requirements, testing requirements, gained their CCMR point, and are in good standing academically and through attendance. The signed application must be turned into the principal prior to the first Friday of December. No late applications will be accepted.

## CTE OFFERINGS

### Agriculture, Food, and Natural Resources

#### Animal Science

##### 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.

##### 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.

##### 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.

## Environmental and Natural Resources

### 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

### 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 nongame 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.

### Range Ecology Management

**Grade Placement:** 11-12

**Credit:** 1

**Course Code:** AG06

**Prerequisite:** Principles of Agriculture, Food, and Natural Resources and Wildlife, Fisheries, and Ecology Management

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

### 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.

## Plant Science

### Floral Design

**Credit:** 1

**Course Code:** AG00

**Grade Placement:** 10-12

**Prerequisite:** Principles of Agriculture, Food, and Natural Resources

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

## Business, Marketing, and Finance – Business Management

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

**Credits: 1**

**TSDS PEIMS Code: 13011200 (PBMF)**

**Grade Placement: 9–11**

**Prerequisite: None.**

In Principles of Business, Marketing, and Finance, students gain knowledge and skills in economies and private enterprise systems, the impact of global business, the marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in business, marketing, and finance.

### **Marketing**

**Credit: 1**

**TSDS PEIMS Code: N1303424 (MRKTING)**

**Grade Placement: 10–12**

**Recommended prerequisite: Principles of Business, Marketing and Finance.**

Marketing explores the seven core functions of marketing which include: marketing planning – why target market and industry affect businesses; marketing-information management – why market research is important; pricing – how prices maximize profit and affect the perceived value; product/service management – why products live and die; promotion – how to inform customers about products; channel management – how products reach the final user; and selling – how to convince a customer that a product is the best choice. 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.

### **Social Media Marketing**

**Credit: .5**

**TSDS PEIMS Code: 13034650 (SMM1)**

**Grade Placement: 9–12**

**Prerequisite: None.**

**Recommended Prerequisite: Principles of Business, Marketing and Finance or any marketing course.**

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.

### **Sports and Entertainment Marketing**

**Credit: .5**

**TSDS PEIMS Code: 13034600 (SEM1)**

**Grade Placement: 9–12**

**Prerequisite: None.**

**Recommended Prerequisite: Principles of Business, Marketing, and Finance.**

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.

### **Practicum in Marketing**

**Credit: 2**

**TSDS PEIMS Code: 13034800 (First Time Taken) (PRACMKT1)**

**13034810 (Second Time Taken) (PRACMKT2) Grade Placement: 11–12**

**Prerequisite: None.**

**Recommended Prerequisite: Principles of Business, Marketing, and Finance.**

Practicum in Marketing is a series of dynamic activities that focus on the customer to generate a profitable exchange. 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.

## 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 healthcare 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 students interested in 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

## Education and Training – Teaching and Training

### **Principles of Education and Training**

**Grade Placement: 9-12**

**Credit: 1**

**Course Code: ED01**

**Prerequisite: None**

The Principles of Education is designed to introduce learners to the various careers available within the Education and Training Career Cluster. Students will develop a graduation plan that leads to a specific career choice in the student's interest area.

### **Human Growth and Development**

**Grade Placement: 10-12**

**Credit: 1**

**Course Code: ED02**

**Prerequisite: Principles of Education and Training**

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 development milestones.

### **Instructional Practices**

**Grade: 11-12**

**Credit: 2**

**Course Code: ED03**

**Prerequisite: Principles of Education and Training and Human Growth and Development**

Instructional Practices is an internship that provides students with background knowledge of child and adolescent development as well as principles of effective teaching and training practices. 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 educational personnel.

### **Practicum in Education and Training- To be offered starting 2025-26 school year**

**Grade Placement: 12**

**Credit: 2**

**Course Guide: ED04**

**Prerequisite: Instructional Practices**

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.



# 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: Introduction to Culinary Arts, 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**

### **Prerequisite: Culinary Arts**

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 includes principles of cooking, sauces, soups/stocks, cooking methods, garnishing, baking, and desserts.

## **Practicum in Culinary Arts**

**Grade Placement: 12**

**Credit: 2**

**Course Code: CA05**

### **Prerequisite: Advanced Culinary Arts**

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 - Maritime (year 1 to begin 24/25)

### **Principles of Maritime Science**

**Credit: 1**

**Course Code N1304661 (PRINMAR)**

The Principles of Maritime Science course is designed to instruct students in the principles of maritime science as outlined by the Code of Federal Regulations (CFR) directly related to the National Maritime Center and the Merchant Mariner Credentialing Program. Students enrolled in this course will identify career opportunities, skills, abilities, tools, certifications, and safety measures for sea based maritime careers. Students will also understand components, systems, equipment, production and safety regulations associated with maritime industries. A baseline understanding of ships and maritime systems is developed to support assessment of the impact, benefit, and risk of decisions involving the design, acquisition, operation, regulation, law enforcement, damage control, maintenance, and salvage of ships and maritime systems. This course will also inform students on the most effective and efficient manners to assure a safe, economically efficient, and environmentally sound maritime system with the intent to lead to advanced coursework in maritime studies in later grades. This course aligns with Chapter 130, Subchapter P: Transportation, Distribution, and Logistics.

### **Maritime Science I**

**Grade Placement: 9–12**

**Credit: 1**

**Course Code: N1304662 (MARSC1)**

**Recommended prerequisite: Principles of Maritime Science.**

Maritime Science I provides training for entry-level employment and a basis for continuing education in deck and piloting careers and merchant mariner credentialing. Students will build on the foundational knowledge acquired in the Principles of Maritime Science course. Maritime Science I will instruct students in progressing aspects of vessel piloting and navigation, safety of life at sea, voyage planning, shipboard damage control and marine pollution. Specifically, students will understand safety expectations, laws, and environmental and human factors involved in the maritime industry. The course focuses on lab assignments and simulator experiences to reinforce critical-thinking and decision-making skills in navigation, ship handling, collision avoidance, and risk assessment and mitigation. Navigation instruction, including chart preparation, various distance, speed, and time relationships, positioning techniques, calculation of tides and currents, and voyage planning, and aids to navigation, will be explored. Students will learn basic shipboard damage control actions required in the event of shipboard casualties, search and rescue, advancements, collateral duties, and other personnel management issues.

### **Maritime Science II**

**Grade Placement: 9–12**

**Credit: 1**

**Course Code: N1304663 (MARSC2)**

**Recommended prerequisite: Principles of Maritime Science. Prerequisite: Maritime Science I.**

After successful completion of Principles of Maritime Science and Maritime Science I, students may participate in the course, Maritime Science II. Students will develop new skills such as advanced navigation coordination; collision avoidance; briefing the command; electronic navigation theory; basic, routine, and emergency ship handling procedures; external communications; and other relevant knowledge, skills, and techniques. Upon successful completion of this course, students will be able to plan and execute safe vessel navigation. Students will exhibit knowledge of all bridge navigation (TRANSAS, ECDIS, and Paper Charts) equipment and procedures. Using case studies and real world simulations, students will identify the contributing factors involved in maritime accidents.

### **Practicum in Transportation Systems/Extended Practicum in Transportation Systems**

**Grade Placement: 11–12 Credit: 3**

**Course Code: 13040455 (First Time Taken) (EXPRTS1), 13040465 (Second Time Taken) (EXPRTS2)**

**Prerequisite: Maritime Science II.**

Extended 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 such as internships, mentorships, independent study, or laboratories. Extended Practicum in Transportation Systems can be either school lab based or worked based.

### **Practicum in Distribution and Logistics/Extended Practicum in Distribution and Logistics**

**Grade Placement: 11–12**

**Credit: 3**

**Course Code: 13040475 (First Time Taken) (EXPRDLG1), 13040485 (Second Time Taken) (EXPRDLG2)**

**Prerequisite: Maritime Science II.**

Extended Practicum in Distribution and Logistics 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 such as internships, mentorships, independent study, or laboratories. Extended Practicum in Distribution and Logistics can be either school lab based or work based.

# Law, Public Safety, Corrections, & Security – Law Enforcement

## **Principles of Law, Public Safety, Corrections, and Security (criminal justice)**

**Grade Placement:** 9–12

**Credit:** 1

**Course Code:** CJO1

**Prerequisite:** None.

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

## **Law Enforcement I**

**Grade Placement:** 10–12

**Credit:** 1

**Course Code:** 13029300 (LAW1)

**Prerequisite:** Principles of Law, Public Safety, Corrections, and Security.

Recommended Prerequisite: Principles of Law, Public Safety, Corrections, and Security.

Law Enforcement I is an overview of the history, organization, and functions of local, state, and federal law enforcement. Students will understand the role of constitutional law at local, state, and federal levels; the U.S. legal system; criminal law; and law enforcement terminology and the classification and elements of crime.

## **Law Enforcement II**

**Grade Placement:** 10–12

**Credit:** 1

**Course Code:** 13029400 (LAW2)

**Prerequisite:** Law Enforcement I.

Recommended Prerequisite: Law Enforcement I.

Law Enforcement II provides the knowledge and skills necessary to prepare for a career in law enforcement. Students will understand ethical and legal responsibilities, patrol procedures, first responder roles, telecommunications, emergency equipment operations, and courtroom testimony.

## **Forensic Science**

**Grade Placement:** 12

**Credit:** 1

**Course Code:** SFRR

**Prerequisites:** Biology and Chemistry.

Recommended Prerequisite or Corequisite: Any Law, Public Safety, Corrections, and Security Career Cluster course.

Forensic Science is a course that introduces students to the application of science to connect a violation of law to a specific criminal, criminal act, or behavior and victim. Students will learn terminology and procedures related to the search and examination of physical evidence in criminal cases as they are performed in a typical crime laboratory. Using scientific methods, students will collect and analyze evidence such as fingerprints, bodily fluids, hairs, fibers, paint, glass, and cartridge cases. Students will also learn the history and the legal aspects as they relate to each discipline of forensic science and understand that scientific methods of investigation can be experimental, descriptive, or comparative.

Note: This course satisfies a science credit requirement for students on the Foundation High School Program.

## **Practicum in Law, Public Safety, Corrections, and Security**

**Grade Placement:** 11–12

**Credit:** 2

**Course Code:** 13030100 (LAWP)

**Prerequisite:** Law Enforcement II.

The practicum course is designed to give students supervised practical application of previously studied knowledge and skills in law, public safety, corrections, and security. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

# Manufacturing – Welding

## Introduction to Welding

**Grade Placement: 10-12**

**Credit: 1**

**Course Code: WEL0**

**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.**

## Advanced Manufacturing and Machinery Mechanics - ROBOTICS

### Principles of Applied Engineering

**Grade Placement: 9–10**

**Credit: 1**

**Course Code: 13036200 (PRINENG)**

**Prerequisite: None.**

Principles of Applied Engineering provides an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships. Students will develop engineering communication skills, which include computer graphics, modeling, and presentations, by using a variety of computer hardware and software applications to complete assignments and projects.

Upon completing this course, students will understand the various fields of engineering and will be able to make informed career decisions.

Further, students will have worked on a design team to develop a product or system. Students will use multiple software applications to prepare and present course assignments.

### Robotics I

**Grade Placement: 9–10**

**Credit: 1 TSDS**

**Course Code: 13037000 (ROBO1)**

**Recommended Prerequisite: Principles of Applied Engineering.**

In Robotics I, students will transfer academic skills to component designs in a project-based environment through implementation of the design process. Students will build prototypes or use simulation software to test their designs. Additionally, students will explore career opportunities, employer expectations, and educational needs in the robotic and automation industry.

### Robotics II

**Grade Placement: 10–12**

**Credit: 1 TSDS**

**Course Code: 13037050 (ROBO2)**

**Prerequisite: Robotics I.**

In Robotics II, students will explore artificial intelligence and programming in the robotic and automation industry. Through implementation of the design process, students will transfer academic skills to component designs in a project-based environment. Students will build prototypes and use software to test their designs.

Note: This course satisfies a math credit requirement for students on the Foundation High School

Program.

### **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

#### **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 subscore)

#### **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)

### **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).

ACADEMIC ACHIEVEMENT  
CLASS RANKING

EIC  
(LOCAL)

**Consistent  
Application for  
Graduating Class**

The District shall apply the same class rank calculation method and rules for local graduation honors for all students in a graduating class, regardless of the school year in which a student first earned high school credit.

**Calculation**

The District shall include in the calculation of class rank grades earned in high school credit courses taken at any grade level, unless excluded below.

The calculation shall include failing grades.

**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, and Academic in accordance with provisions of this policy and as designated in appropriate District publications.

**Categories**

*Dual Credit*

Eligible dual credit shall be categorized and weighted as Dual Credit.

*Honors/Collegiate*

Eligible courses locally designated as honors or collegiate shall be categorized and weighted as Honors/Collegiate.

*Academic*

All other eligible courses shall be categorized and weighted as Academic courses

**Weighted Grade  
Point Average**

The District shall convert semester grades earned in eligible courses and to grade points in accordance with the following chart and shall calculate a weighted grade point average (GPA):

Grade	Dual Credit	Honors/ Collegiate	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

ACADEMIC ACHIEVEMENT  
CLASS RANKING

EIC  
(LOCAL)

Grade	Dual Credit	Honors/ Collegiate HS	Academic
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
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
Below 70	0	0	0

Transferred Grades

When a student transfers semester grades for courses that would be eligible under the Academic category and the District has accepted the credit, the District shall include the grades in the calculation of class rank.

When a student transfers semester grades for courses that would be eligible to receive additional weight under the District's weighted grade system, the District shall assign additional weight to the grades based on the categories and grade weight system used by the District only if an equivalent course is offered to the same class of students in the District.



ACADEMIC ACHIEVEMENT  
CLASS RANKING

EIC  
(LOCAL)

	<p>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)]</p>
<b>Valedictorian and Salutatorian</b>	<p>The valedictorian and salutatorian shall be the eligible students with the highest and second-highest rank, respectively. To be eligible for this local graduation honor, a student must:</p> <ol style="list-style-type: none"><li>1. Have completed four years at the District high school; and</li><li>2. Have completed the foundation program with the distinguished level of achievement.</li></ol>
<b>Ties</b>	<p>In case of a tie in weighted GPAs after calculation to the fourth decimal place, the District shall recognize all students involved in the tie as sharing the honor and title.</p>
<b>Highest-Ranking Graduate</b>	<p>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</p>

## **Awarding Class Credit - 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 be averaged. If the average of the two semesters equal 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.

## **Grade Level Advancement**

Students will be classified according to the following credits:

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

## **Student Schedules**

### **Schedule Process**

During the second semester, students will request classes for the following 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 2<sup>nd</sup> day of school):

- \* Data entry errors 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.**

### **Understanding credit:**

- Grades
- Attendance
- Graduation
- CCMR

## **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 12<sup>th</sup> graders that do not meet the TSIA2 requirements will automatically be placed in College Prep English and/or College Prep Math.**

## **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).

## **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.

## **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:**

- \* 6.0 credits to be classified as a 10<sup>th</sup> grader
- \* passed the portion of the STAAR test, with a “meets” score, that relates to the requested dual credit course
- \* 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
- \* maintained 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, and endorsement form and get approval before 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 begins 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.

## **Explanation of Eligibility for Automatic College Admission**

### **Top 10% Rule**

To be eligible, you must graduate in the top 10% of your class and be a Texas resident or eligible to pay resident tuition. You also have to ensure that all required documents are received by the institution you are applying to by the application deadline and 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 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.

The University of Texas at Austin (Top 6% 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.

## Personal Graduation Plan

Student: \_\_\_\_\_  
Student ID: \_\_\_\_\_

Current Grade: \_\_\_\_\_  
 School/District: \_\_\_\_\_  
 Expected Graduation Date: \_\_\_\_\_  
 Assigned Advisor: \_\_\_\_\_

☐ High School Plan      ☐ Middle School Plan

### Student Cumulative History

Date Enrolled \_\_\_\_\_

Days Absent (previous semester) \_\_\_\_\_

Current Credits Earned (if applicable) \_\_\_\_\_

**Credit Acquisition Plan** (attached)

<input type="checkbox"/>	Dyslexia
<input type="checkbox"/>	LEP
<input type="checkbox"/>	Migrant
<input type="checkbox"/>	Special Education
<input type="checkbox"/>	Retained ____ # times
<input type="checkbox"/>	Other

## Assessment Data

Subject	Previous TAKS* (Gr. )			Current TAKS* (Gr. )			Objectives to Target	Diagnostic Assessment Data (including online <sup>#</sup> )
	Met (Y/N)	Score	Local	Met (Y/N)	Score	Local		
ELA/Reading								
Mathematics								
Science								
Social Studies								

## Academic Plan

**FALL SEMESTER**[illegible][illegible]

## Educational Goals

### Student Academic Goals

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Student Signature \_\_\_\_\_ Date \_\_\_\_\_

Include language development goals for students who are English language learners.

**SPRING SEMESTER**[illegible][illegible]

### Parent Goals for Student Academic Achievement

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Parent Signature \_\_\_\_\_ Date \_\_\_\_\_

## SUMMER SCHOOL

Courses	Teacher ^

Plan for Intensive Accelerated Instruction <sup>#</sup>	Monitoring Plan

LOCAL USE  
Date Developed  
Local Use  
Local Use

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^Meets standard for Highly Qualified unless noted (N)

\* TAAS for 2002 data and students graduating under TAAS

# Required for Rider 67 Individualized Graduation Plans (including instruction from highly qualified teachers, online diagnostic assessment and accelerated instruction in the areas of academic weakness)

# Personal Graduation Plan Credit Acquisition Plan

Student: \_\_\_\_\_  
Student ID: \_\_\_\_\_

## Graduation Plan

- ☐ Recommended High School Plan (RHSP)  
☐ Distinguished Achievement Program  
☐ Minimum Graduation Plan

## Local Notes

KEY  
C: Completed  
E: Enrolled  
R: Recovery Credit  
I: Intervention Course

Recommended High School Plan		Grade 9			Grade 10			Grade 11			Grade 12		
GRADUATION REQUIREMENTS		I	II	S	I	II	S	I	II	S	I	II	S
English Language Arts													
English I	1.0												
English II	1.0												
English III	1.0												
English IV	1.0												
Mathematics													
Algebra I	1.0												
Algebra II	1.0												
Geometry	1.0												
Science													
Biology	1.0												
Integrated Physics and Chemistry and/or	1.0												
Chemistry and/or	1.0												
Physics	1.0												
Social Studies													
World History Studies	1.0												
World Geography Studies	1.0												
U.S. History Studies Since Reconstruction	1.0												
U.S. Government	0.5												
Economics													
Economics	0.5												
Physical Education													
Foundations of Personal Fitness	0.5												
Course 1	0.5												
Course 2	0.5												
Languages Other Than English													
Level I	1.0												
Level II	1.0												
Health Education													
Health Education	0.5												
Fine Arts													
Fine Arts	1.0												
Technology Applications													
Technology Applications	1.0												
Speech													
Communications Applications	0.5												
Elective Courses													
	1.0												
	1.0												
	1.0												
	1.0												
	0.5												
TOTAL Earned													
TOTAL Missing													
Reclassification Date													