

**Course Offerings**  
And  
Graduation Requirements  
For  
Grades 9-12

**Seminole High School**

2018-2019

## Seminole High School Course Description for 2018-2019 Table of Contents

I.	Use of This Bulletin.....	1
II.	High School Graduation Requirements.....	1
III.	Graduation Program.....	2
	Endorsement Core Requirements.....	3
	Endorsement Pathways for SHS.....	4
	Multidisciplinary.....	4
	Arts & Humanities.....	4
	Public Services.....	4
	STEM.....	4
	Business & Industry.....	4
	Distinguished Level of Achievement.....	5
	Performance Acknowledgments.....	5
IV.	Classification of Students.....	5
V.	Valedictorian/Salutatorian and Honor Graduates.....	5
VI.	State Programs Supporting Texas Students.....	6
VII.	Designation of Courses.....	6
VIII.	Course Offerings.....	7
	English Language Arts.....	7
	Reading.....	9
	Speech.....	10
	Journalism.....	11
	Mathematics.....	13
	Science.....	15
	Social Studies and Economics.....	17
	Language Other Than English.....	20
	Fine Arts.....	21
	Art.....	21
	Band.....	22
	Choir.....	23
	Theatre.....	24
	Health Education and Physical Education.....	25
	Career and Technology Education.....	26
	Tech Prep.....	26
	Agriculture, Food, and Natural Resources.....	27
	Architecture and Construction.....	29
	Arts, A/V and Communication.....	30
	Business Management and Administration.....	31
	Health Science.....	31
	Human Services.....	31
	Information and Technology.....	32
	Law, Public Safety, Corrections, and Security.....	33
	Manufacturing.....	33
	Transportation, Distribution and Logistics.....	34
	Career Development.....	34
	Special Courses.....	35
	Dual Credit Courses.....	37
	Proposed Schedule Forms.....	38



## **I. Use of This Bulletin**

This course offerings bulletin has been prepared to provide a source of information concerning the educational opportunities available at Seminole High School. During regularly planned orientation and registration sessions, teacher, counselors, and principals will help students with course choices for the succeeding year. Students and parents should consult with school personnel regarding any questions not answered in the planned guidance sessions. Seminole publishes additional publications, which aid student in academic/career decisions.

## **II. High School Graduation Requirements**

### **Assessment and Graduation Requirements under HB 5**

Under House Bill 5 (HB 5), passed by the 83rd Texas Legislature and signed by the governor, high school students are now required to pass five State of Texas Assessments of Academic Readiness (STAAR®) end-of-course exams to meet the new graduation requirements.

As adopted, HB 5:

- Reduces the number of required EOCs from 15 to 5, including English I and English II, Algebra I, biology, and U.S. history (ELA reading and writing tests are combined into one test).
  - Eliminates the 15 percent requirement.
  - Includes a foundation graduation plan of 22 credits: 4 ELA, 3 math, 3 science, 3 social studies, 2 foreign language, 1 fine art, 1 P.E., and 5 electives. Also, requires an endorsement in one of five areas: STEM, Business & Industry, Public Services, Arts & Humanities, or Multidisciplinary.
  - Ensures that all high school graduates will be eligible to apply for admission to Texas public 4-year universities and eligible to receive TEXAS Grants.
- Provides that districts may administer Algebra II and English III EOC exams at their discretion for diagnostic purposes.

End-of-course assessments will continue to be offered in Algebra I, English I, English II, biology, and U.S. history.

### III. Graduation Program

1/17/14

#### DISTINGUISHED

A student may earn a distinguished level of achievement by successfully completing:

4 credits in math (must include Algebra II)

4 credits in science

Curriculum requirements for at least one endorsement

A student must earn distinguished level of achievement and be in the top 10% to be eligible for top 10% automatic admission.

#### FOUNDATION+ ENDORSEMENT – 26 CREDITS

22 FOUNDATION CREDITS

1 ADDITIONAL MATH

1 ADDITIONAL SCIENCE

2 ADDITIONAL ELECTIVES

\*Credits must meet curriculum requirements for one endorsement.

STEM

Business &  
Industry

Public  
Services

Arts &  
Humanities

Multi-  
disciplinary

**Endorsement Core Requirements**

	<b>9th</b>	<b>10th</b>	<b>11th</b>	<b>12th</b>
<b>ENGLISH</b>	English I Honors English I	English II Honors English II	English III AP/CC English III	English IV AP/CC English IV Public Speaking III Oral Interp. III Debate III
<b>MATH</b>	Algebra I Honors Algebra I	Geometry Honors Geometry or both Honors Geometry and Honors Algebra II	Algebra II Math Models Honors Algebra II CC College Algebra and CC Trig/Stat Honors Precal.	Precalculus Honors Precal. Algebra II CC College Algebra/Trig/Stat CC Calculus
<b>SOCIAL STUDIES</b>	World Geography Honors World Geography	World History Honors World History	U.S. History AP/CC U.S. History	Economics/U.S. Government AP Government and AP Economics
<b>SCIENCE</b>	Biology Honors Biology Environmental Systems	Chemistry Honors Chemistry Biology	Physics Honors Physics IPC	Environmental Systems Anatomy & Physiology AP Physics Principles of Technology AP/CC Biology
<b>ADDITIONAL REQUIREMENTS</b>	2 Years of Spanish or German Speech and Health (Local)	1 Year of Physical Education 1 Year of Fine Art	Business Information Management (Local)	4 Electives

## **Endorsement Pathways for Seminole High School**

These are the options at SHS for the different pathways. Each numbered option can lead to an endorsement in that area.

### **Multidisciplinary**

1. 4 credits in each core area to include Eng IV and Chemistry and/or Physics
2. 4 credits in AP or dual credit courses

### **Arts & Humanities**

1. 5 social studies
2. 2 Spanish, 2 German, or 4 Spanish/German
3. 4 credits in art, band, chorale, or theater from no more than 2 disciplines

### **Public Services**

Cosmo

Cosmo I (3 credits)

Cosmo II (3 credits)

Health Science

Principles of Health Science

Medical Terminology

Anatomy & Physiology

Health Science Theory & Lab

### **STEM (Science, Technology, Engineering and Math)**

Each pathway requires Alg II, Chemistry and Physics.

1. 5 maths to include Alg II and two from the following: Precal, Honors Precal, CC Coll Algebra and Trig/Stats or CC/AP Calculus
2. 5 sciences to include Physics, Chemistry, and 2 from Environmental Sys, AP/CC Biology, AP Physics, or Anatomy & Physiology

### **Business & Industry**

**AG:** 1. Prin of Ag or Ag Powersystems or Ag Mech – Ag Equip or Adv Animal Sci

**AG:** 2. Princ of Ag -Livestock Prod -Vet Med App -Adv Animal Sci

**4 English Electives:** To include 3 levels from newspaper, public speaking, debate, yearbook, or advanced broadcast journalism.

**Arch/Const:** 1. Prin of Arch -Arch Design -Adv Arch Design (2)

**Const:** 1. Prin of Const -Construct Tech -Construct Tech II

**Transport:** 1. Prin of Transp -Auto Tech I -Auto Tech II

**Manufacturing:** 1. Prin of Manuf -Welding I -Welding II

**Arts, AV, and Communication:** 1. Prin of Arts/AV –Audio/Video I -Adv Audio/Video II

**Business Management:** Principles of Business – BIM I - BIM II

**Finance:** Principles of Business – Accounting I - Accounting II

## **Distinguished Level of Achievement**

A high level of academic achievement earned by going beyond the Foundation High School Program. It requires a total of 26 course credits, including Algebra II, a fourth science credit and an endorsement. A student must earn this designation to be eligible for Top 10 percent automatic admission to a Texas public university.

## **Performance Acknowledgments**

Students may earn an additional acknowledgment on their diploma because of outstanding performance in areas such as dual credit courses and bilingualism and biliteracy; on Advanced Placement, International Baccalaureate, PSAT, ACT's Plan, the SAT or ACT exams; or by earning a state, a nationally- or internationally-recognized business or industry certification.

## **IV. Classification of Students**

High school students are classified according to the number of credits completed. The assignment to a class will be made at the beginning of the school year with the following exception:

A junior who is in his/her fourth year of high school may be reclassified as a senior at the end of the fall semester provided he/she can earn sufficient credits in the spring semester to be a May graduate or summer graduate.

The following classification chart is in effect. **Students must have both the number of credits as well as the required academics.**

<u>Semester Credits Earned</u>	<u>Classification</u>
0-5.5	Freshmen
6-11.5	Sophomore
12-17.5	Junior
18+	*Senior

## **V. Valedictorian/Salutatorian and Honor Graduates**

The Valedictorian will be the honor student who has the highest total grade point average in the senior class. The Salutatorian will be the honor student with the second highest total grade point average in the senior class. Honor Graduates are those members of the senior class whose grade point average is 3.8 or higher. The following requirements apply to the valedictorian, salutatorian, and honor graduates:

- In the event that the student with the first or second highest grade point average does not qualify for valedictorian or salutatorian, the next highest ranking class member that is qualified shall receive the honor.
- Students must meet all the requirements for graduation from Seminole High School.

To be valedictorian or salutatorian, the student shall have attended high school for eight semesters and shall have attended Seminole High School the two years prior to graduation. Early graduates cannot be valedictorian or salutatorian.

- Students graduating at mid-term or in the summer are not eligible for these honors.
- Students graduating from the Seminole Success Center are not eligible for these honors.



## VI. State Programs Supporting Texas Students

The State of Texas has developed several programs to encourage students to pursue a strong academic high school program which will adequately prepare them for further study and to face challenges in the twenty-first century work place. These programs focus on admissions, grants, tuition exemptions, and financial aid. This will enable well-prepared, eligible students to attend public and non-profit institutions of higher learning in the State of Texas. Some programs specify students must graduate under the Recommended High School Program. In order to compete for state programs, a student must have applied for financial assistance at a college/university.

## VII. Designation of Courses

The designation of courses is as follows:

- **Advanced Courses** – AP Classes -AP English Language and Composition (AP English III), AP English Literature and Composition (AP English IV), AP Calculus, AP United States Government and Politics, AP United States History, AP Biology; AP Physics; Honors Classes - Honors English I & II, Honors Algebra I & II, Honors Geometry, Honors Chemistry, Honors Physics, Honors World Geography Studies, Honors World History Studies, Honors Economics; Honors Spanish III, Honors German III; Concurrent Courses - Concurrent English III, Concurrent English IV, Concurrent Calculus, Concurrent US History, Concurrent Biology, Concurrent Pre-Calculus, Concurrent College Algebra, Concurrent College Trigonometry, Concurrent Statistics, Concurrent Spanish III.  
\*The graduating classes of 2017, 2018, and 2019 will remain under the current grade point system where all AP, Honors, and Concurrent Classes are weighted as Advanced Classes.
- **Regular Classes** - All other courses with the exception of Compensatory, AP, Honors or Concurrent.
- **Compensatory Classes** – STAAR Intensification, English I and II for Speakers of Other Languages, GCS (Grand Central Station), APEX and resource classes assigned by an ARD committee.
- **IEP** – Classes assigned to students per an IEP will count as state credit
- **Dual Credit Classes** – No honors equivalents, No weighted GPA
  - Dual Credit Speech Communications
  - Dual Credit Psychology
  - Dual Credit Drawing III
  - Dual Credit Advanced Animal Science
  - Dual Credit Livestock Evaluation
  - Dual Credit Spanish IV
  - Dual Credit Sociology
  - Dual Credit Art Appreciation

**\* Not all courses will be offered each school year.**

## VIII. Course Offerings

---

### ENGLISH LANGUAGE ARTS AND READING ENGLISH AS A SECOND LANGUAGE

---

#### ENGLISH I

**Credit: 1      Grade: 9**

**Recommended prerequisite: Course taken in sequence after 8th-grade English; required for all graduation plans.**

#### HONORS ENGLISH I

**Credit: 1      Grade: 9**

Recommended prerequisite: Recommended from eighth-grade English teacher and parent permission.

Honors English I is a college preparatory course for motivated students with a high aptitude in English who are interested in preparing for the high school AP Language and Composition course and/or the AP Literature and Composition course. These two courses, taught in the junior and senior years respectively, prepare the students to take the College Board Advanced Placement Tests, which can earn those students credit in English at many colleges and universities based on their test scores. The Honors English I class is an advanced, accelerated course, emphasizing to a greater depth the basic knowledge, skills and competencies taught in English I, along with analytical reading, writing and thinking skills. Extensive outside reading from the AP reading list will be a course requirement. Differentiation for the gifted learner is provided in the areas of content, process, and product.

#### ENGLISH I FOR SPEAKERS OF OTHER LANGUAGES

**Credit: 1      Grade: 9**

**Recommended prerequisite: LPAC recommendation; course taken concurrent with English I.**

Students enrolled in English I for Speakers of Other Languages continue to increase and refine their communication skills. For students whose first language is other than English, the native language serves as the foundation for English language acquisition. Cognitive skills transfer from one language to another, and students literate in their first language will apply these skills and other academics proficiencies to the second language.

English for speakers of other languages students are at different stages of language acquisition and appropriate instruction to enable ESOL students to achieve the standards of English I will be applied at all stages of language acquisition.

---

#### ENGLISH II

**Credit: 1      Grade: 10**

**Recommended prerequisite: Course taken in sequence after English I; required for all graduation plans.**

#### HONORS ENGLISH II

**Credit: 1      Grade: 10**

**Recommended prerequisite: Recommendation from English I teacher and parent permission; Honors English I is recommended.**

Honors English II is a college preparatory course for motivated students with a high aptitude in English who are interested in preparing for the high school AP Language and Composition course and/or the AP Literature and Composition course. These two courses, taught in the junior and senior years respectively, prepare the students to take the College Board Advanced Placement Tests, which can earn those students credit in English at many colleges and universities based on their test scores. The Pre-AP English II class is an advanced, accelerated course, emphasizing to a greater depth the basic knowledge, skills, and competencies taught in English II, along with analytical reading, writing, and thinking skills. Extensive outside reading from the AP reading list will be a course requirement. Differentiation for the gifted learner is provided in the areas of content, process, and product.



---

**ENGLISH IV** **Credit: 1** **Grade: 12**  
**Recommended prerequisite: Course taken in sequence after English III.**

**AP ENGLISH IV** **Credit: 1** **Grade: 12**  
**Recommended prerequisite: Recommendation of English III teacher and parent permission; AP English III is recommended. If the student elects to take the AP Exam, payment is required prior to March 1.**

Advanced Placement English IV is a college preparatory course for motivated students with a high aptitude in English who are interested in obtaining possible college credit by preparing for and taking College Board Advanced Placement Test. The course is designed specifically as preparation for the AP English Literature and Composition Test and is comparable to a college English course. The focus of the class will be directed to the various periods and genres of British literature. Students will be engaged in reading and developing critical standards for interpreting writers' purpose, effects, and styles. Practice in expository, analytical, and argumentative writing is also emphasized, as are vocabulary, organization and rhetorical effectiveness. Differentiation for the gifted learner is provided in the areas of content, process, and product.

**DUAL CREDIT ENGLISH IV & ENGLISH 2322 & 2323** **Credit: 1** **Grade: 12**  
**Recommended prerequisite: Must have passed the Reading and Writing portions of the TSI; prior approval of principal or counselor; teacher recommendation and parent permission; payment of college tuition at the beginning of first and second semester.**

First Semester: A college course, which consists of reading and analyzing significant works of British literature from Old English period through the Neoclassical period. The course requires a research paper and several analytical papers. Requirements of the course must address the state mandated essential knowledge and skills in order for English IV-A to be awarded.

Second Semester: A college course that consists of reading and analyzing selected works from the Romantic period to the present day. The course requires a research paper or several short analytical papers. Requirements of the course must address the state mandated essential knowledge and skills in order for English IV-B credit to be awarded. Differentiation for the gifted learner is provided in the areas of content, process, and product.

---

**INDEPENDENT STUDY IN ENGLISH** **Credit: 1/2-1** **Grade: 9-12**  
**Recommended prerequisite: Administrator/teacher approval**

A project-based learning experience developed by the student, teacher, and an interdisciplinary team. The project provides opportunities for an in-depth study of at least one aspect of English. The student demonstrates the ability to utilize a variety of resources, advanced technology, and communication skills in the development and presentation of the project.

---

**READING I** **Credit: 1/2-1** **Grade: 9-12**  
**Recommended prerequisite: None, students may be placed in Reading I based on Placement/EOC scores.**

**READING II** **Credit: 1/2-1** **Grade: 10-12**  
**Recommended prerequisite: Reading I; student may be placed in Reading II based on Placement/EOC scores.**

**READING III** **Credit: 1/2-1** **Grade: 11-12**  
**Recommended prerequisite: Reading II; student may be placed in Reading III based on Placement/EOC scores.**

**READING IV****Credit: 1/2-1 Grade: 12****Recommended prerequisite: Reading III; student may be placed in Reading IV based on Placement/EOC scores.**

Students receive instruction in word recognition and comprehension strategies and vocabulary to ensure that they have an opportunity to read with competence, confidence and understanding. Students are given opportunities to locate information in varied sources, to read critically, to evaluate sources, and to draw supportable conclusions. Students learn how various texts are organized and how authors choose language for effect. All of these strategies are applied in texts that cross the subject fields.

---

**PROFESSIONAL COMMUNICATIONS****Credit: 1/2 Grade: 9-12****Recommended prerequisite: None; 1/2-credit speech requirement on all graduation plans.**

For successful participation in professional and social life, students must develop effective communication skills. Rapidly expanding technologies and changing social and corporate systems demand that students send clear verbal messages, choose effective nonverbal behaviors, listen for desired results, and apply valid critical-thinking and problem solving processes. Students will be expected to identify, analyze, develop, and evaluate communication skills needed in interpersonal situations, group interactions, and personal and professional presentations.

---

**ORAL INTERPRETATION I****Credit: 1/2-1 Grade: 9-12****Recommended prerequisite: Teacher approval;****ORAL INTERPRETATION II****Credit: 1/2-1 Grade: 10-12****Recommended prerequisite: Oral Interpretation I and teacher approval.****ORAL INTERPRETATION III****Credit: 1/2-1 Grade: 11-12****Recommended prerequisite: Oral Interpretation II and teacher approval.**

In Oral Interpretation, students study the oral reading or performance of a literary text as a communication art. Students enrolled in these classes will select, research, analyze, adapt, interpret, and perform literary texts. Students focus on intellectual, emotional, sensory, and aesthetic levels of texts to attempt to capture the entirety of the author's work. Individual or group performances of literature will be presented and evaluated. Students will be required to participate at speech competitions as directed by the teacher.

---

**PUBLIC SPEAKING I****Credit: 1/2-1 Grade: 9-12****Recommended prerequisite: Teacher approval;****PUBLIC SPEAKING II****Credit: 1/2-1 Grade: 10-12****Recommended prerequisite: Public Speaking I and teacher approval.****PUBLIC SPEAKING III****Credit: 1/2-1 Grade: 11-12****Recommended prerequisite: Public Speaking II and teacher approval.**

In order to have full participation in the democratic process, students must have a good understanding of public dialogue. Students must learn the concepts and skills related to preparing and presenting public messages and to analyzing and evaluating the message of others. Within this process, students will gain skills in reading, writing, speaking, listening, and thinking and will examine areas such as an invention, organization style, memory and delivery. Students will be required to participate at speech competitions as directed by the teacher.

---

**DEBATE I****Credit: 1/2-1 Grade: 9-12****Recommended prerequisite: Teacher approval;****DEBATE II****Credit: 1/2-1 Grade: 10-12****Recommended prerequisite: Debate I and teacher approval**

**DEBATE III****Credit: 1/2-1 Grade: 11-12**

Controversial issues arise in aspects of personal, social, public and professional life in modern society. Debate and argumentation are widely used to make decisions and reduce conflict. Students who develop skills in argumentation and debate become interested in current issues, develop sound critical thinking, and sharpen communication skills. They acquire life-long skills for intelligently approaching controversial issues and clashes of opinion. Students will be required to participate in competitive speech events as directed by the teacher.

---

**INDEPENDENT STUDY IN SPEECH****Credit: 1/2-1 Grade: 9-12****Recommended prerequisite: Administrator/ teacher approval**

A project-based learning experience developed by the students, teacher, and an interdisciplinary team. The project provides opportunities for an in-depth study of at least one aspect of speech. The student demonstrates the ability to utilize a variety of resources, advanced technology, and communication skills in the development and presentation of the project.

---

**JOURNALISM****Credit: 1/2-1 Grade: 9-12****Recommended prerequisite: Teacher approval**

Journalistic techniques presented in the classroom: reporting, special writing and photojournalism.

**JOURNALISM: YEARBOOK I****Credit: 1/2-1 Grade: 11-12****Recommended prerequisite: Journalism I and/or teacher approval.****JOURNALISM: YEARBOOK II****Credit: 1/2-1 Grade: 12****Recommended prerequisite: Yearbook I and teacher approval.****JOURNALISM: YEARBOOK III****Credit: 1/2-1 Grade: 12****Recommended prerequisite: Yearbook II and/or teacher approval.****JOURNALISM: NEWSPAPER I****Credit: 1/2-1 Grade: 11-12****Recommended prerequisite: Journalism I and/or teacher approval.****JOURNALISM: NEWSPAPER II****Credit: 1/2-1 Grade: 12****Recommended prerequisite: Newspaper I and teacher approval.****JOURNALISM: NEWSPAPER III****Credit: 1/2-1 Grade: 12****Recommended prerequisite: Newspaper II and/or teacher approval**

Students enrolled in these classes are expected to plan, draft, and complete written communications on a regular basis, carefully examining their copy for clarity, engaging language, and using the conventions and mechanics of written English correctly. Students will become analytical consumers of media and technology to enhance their communication skills. In addition, students will learn journalistic ethics and standards. Writing, technology, and visual and electronic media are used as tools for learning as students create, clarify, critique, write, and produce effective communications. Students in these classes will redefine and enhance their journalistic skills, research self-selected topics, and plan, organize, and prepare a project(s).

**DESKTOP PUBLISHING****Credit: 1 Grade: 10-12****Recommended prerequisite: Computer literacy, BIM I, or Journalism I.**

---

**PHOTOJOURNALISM****Credit: 1/2-1 Grade: 11-12****Recommended prerequisite: Teacher approval**

Students enrolled in this course are expected to communicate in a variety of forms for a variety of audiences and purposes, primarily through newspaper and yearbook publication. Students will plan, interpret and critique visual representation. Students will become proficient in both digital and print photography. Students will be expected to take weekly photo assignments in the school environment, process and produce those photos, and provide information about those photos.

---

**INDEPENDENT STUDY IN JOURNALISM****Credit: 1/2-1 Grade: 9-12****Recommended prerequisite: Administrator/teacher approval**

A project-based learning experience developed by the student, teacher, and an interdisciplinary team. The project provides opportunities for an in-depth study of at least one aspect of journalism. The student demonstrates the ability to utilize a variety of resources, advanced technology, and communication skills in the development and presentation of the project.

---

## MATHEMATICS

---

**ACCELERATED MATHEMATICS PROGRAM** (For students desiring to take the maximum number of math courses) Requirements: Approval from 8<sup>th</sup> or 9<sup>th</sup> grade Algebra teacher and the 8<sup>th</sup> grade Math STAAR scores will establish the criteria for students entering the accelerated program. Any 9<sup>th</sup> grader who intends to take AP or Concurrent Calculus as a senior must schedule the accelerated program. Students in the accelerated program will be able to take:

Algebra I in 9<sup>th</sup> grade; Geometry and Algebra II in 10<sup>th</sup> grade; College Algebra and Trigonometry in 11<sup>th</sup> grade; and AP or Concurrent Calculus in 12<sup>th</sup> grade.

---

**ALGEBRA I** **Credit: 1**    **Grade: 9-10**  
**Recommended prerequisite: Course taken in sequence after 8<sup>th</sup> grade math. Algebra I required course on all graduation plans.**

**HONORS ALGEBRA I** **Credit: 1**    **Grade: 8-9**  
**Recommended prerequisite: Teacher recommendation; parents permission.**  
Honors Algebra I is a college preparatory course for motivated students with high aptitude in mathematics that are interested in preparing for the high school AP Calculus course. Differentiation of the gifted learner is provided in the areas of content, process, and product.

---

**GEOMETRY** **Credit: 1**    **Grade: 9-11**  
**Recommended prerequisite: Course taken in sequence after Algebra I. Geometry required course on minimum plan; required course on all recommended and distinguished achievement plans.**

---

**ALGEBRA I-M / ALGEBRA I-T (Functional)** **Credit: 1**    **Grade: 9**  
**Recommended prerequisite: ARD Recommendation**

**GEOMETRY M and GEOMETRY T** **Credit: 1**    **Grade: 10**  
**Recommended Prerequisite: ARD Recommendation**

---

**HONORS GEOMETRY** **Credit: 1**    **Grade: 9-11**  
**Recommended prerequisite; Algebra I; Honors Algebra I recommended; teacher recommendation and parent permission.**

Honors Geometry is a college-preparatory course for motivated students with high aptitude in mathematics that are interested in preparing for the high school AP Calculus course. Differentiation for the gifted learner is provided in the areas of content, process, and product.

---

**ALGEBRA II** **Credit: 1/2-1**    **Grade: 10-12**  
**Recommended Prerequisite: Course be taken in sequence after Geometry or taken concurrently with Geometry. Algebra II is a required course on all recommended and distinguished achievement plans.**



**HONORS ALGEBRA II****Credit: 1****Grade: 10-12****Recommended Prerequisite: Geometry or concurrent enrollment with Geometry: Honors Algebra I****Recommended; teacher recommended and parent permission.**

Honors Algebra II is a college-preparatory course for motivated students with a high aptitude in mathematics who are interested in preparing for the high school AP Calculus course. Differentiation for the gifted learner is provided in the areas of content, process, and product.

---

**ADVANCED PLACEMENT (AP) CALCULUS AB****Credit: 1/2-1****Grade: 12****Recommended prerequisite: Precalculus; teacher recommendation and parent permission. If student elects to take the AP exam, payment is required by the end of the first semester.**

Advanced Placement Calculus AB is a college preparatory course for motivated students with a high aptitude in mathematics that are interested in obtaining possible college credit by preparing for and taking the College Board Advanced Placement Test. The course is designed specifically as preparation for the AP Calculus AB Test and is comparable to a college freshman calculus course.

**DUAL CREDIT CALCULUS-Math 2213 & 2413****Credit: 1****Grade: 12****Recommended prerequisite CC College Alg/Trig; passed the math portion of TSI; prior approval of principal or counselor; payment of tuition at beginning of the fall semester for 3 hours college credit; teacher recommendation and parent permission. In order to earn college credit, student must successfully complete the requirements for the high school credit.**

A college calculus class; requirements of the course must address the state-mandated essential knowledge and skills in order for high school calculus credit to be awarded.

**DUAL CREDIT COLLEGE ALGEBRA- Math 1314****Local Credit: 1/2****Grade: 12****Recommended prerequisite: Algebra I, Algebra II and Geometry; passed the math portion of TSI; prior approval of principal or counselor; payment of tuition at the beginning of the fall semester for 3 hours college credit; teacher recommendation and parent permission. In order to earn college credit, student must successfully complete the requirements for the high school credit.**

A college course, which is an extension of the concepts, covered in high school Algebra II.

**DUAL CREDIT TRIGONOMETRY-Math 1316****Local Credit: 1/2****Grade: 12****Recommended prerequisite: Algebra I, Algebra II and Geometry; passed the math portion on TSI; prior approval of principal or counselor; payment of tuition at the beginning of the spring semester for 3 hours college credit; student must successfully complete the requirements for the high school credit.**

A college course, which is an extension of the concepts, covered in high school Precalculus.

**AP OR DUAL CREDIT MATHEMATICAL STATISTICS****Credit: 1/2****Grade: 11-12****Recommended Prerequisite: Algebra II passed with a "C" or better**

Introduces elements of statistics: includes frequency distributions, measures of central tendency, elementary probability, binomial distribution, measures of variation, normal distributions, random sampling, tests of significance, t-test and chi-square test.

---

## SCIENCE

---

Four science credits for Seminole High School are required for graduation.

---

**BIOLOGY** **Credit: 1**    **Grade: 9-11**  
**Recommended prerequisite: None**

**HONORS BIOLOGY** **Credit: 1**    **Grade: 9-11**  
**Recommended prerequisite: Teacher recommendation; parent permission.**

Honors Biology is a college preparatory course for motivated students with a high aptitude in science that are interested in preparing for the high school AP Biology course. Differentiation for the gifted learner is provided in the areas of content, process, and product.

---

**CHEMISTRY** **Credit: 1**    **Grade: 10-12**  
**Recommended prerequisite: One credit high school science; Algebra I and second-year math course or concurrent enrollment in second-year math course.**

**HONORS CHEMISTRY** **Credit: 1**    **Grade: 10-12**  
**Recommended prerequisite: One credit high school science; Algebra I and a second-year math course or concurrent enrollment in second-year math course; teacher recommendation and parent permission.**

Honors Chemistry is a college-preparatory course for motivated students with a high aptitude in science that are interested in preparing for the high school AP Chemistry course. Differentiation for the gifted learner is provided in the areas of content, process, and product.

---

**INTEGRATED PHYSICS AND CHEMISTRY** **Credit: 1**    **Grade: 9-12**  
**Recommended prerequisite: Algebra I**

**PHYSICS** **Credit: 1**    **Grade: 10-12**  
**Recommended prerequisite: One credit high school science, Algebra I and second-year math course or concurrent enrollment in second-year math course.**

**HONORS PHYSICS** **Credit: 1**    **Grade: 10-12**  
**Recommended prerequisite: One credit high school science; Algebra I and second-year math course or concurrent enrollment in second-year math course; teacher recommendation and parent permission.**

Honors Physics is a college-preparatory course for motivated students with a high aptitude in science that are interested in preparing for the high school AP Physics course. Differentiation for the gifted learner is provided in the areas of content, process, and product.

**PRINCIPALS OF TECHNOLOGY (PHYSICS IN CONTEXT)** **Credit: 1**    **Grade: 10-12**  
**Recommended prerequisites: One course of science and Algebra I**

Students must meet the 40% laboratory and fieldwork requirement. Under the DAP, Principals of Technology I may not be taken to fulfill the four credits of science requirements. POT counts as a student's Physics credit. A student may not take Physics and POT to count toward science credit.

---

**ENVIRONMENTAL SYSTEMS****Credit: 1****Grade: 10-12****Recommended prerequisites: One unit of high school science**

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 habitat; ecosystems and biomes; interrelationships among resources and an environmental system; sources and flow of energy through and environmental system; relationship between carrying capacity and changes in populations and ecosystems; and changes in environments.

**ADVANCED PLACEMENT (AP) CHEMISTRY****Credit: 1****Grade: 11-12****Recommended prerequisite: Chemistry and Algebra II; teacher recommendation and parent permission. If student elects to take the AP exam, payment is required prior to March 1.**

Advanced Placement Chemistry is a college preparatory course for motivated students with a high aptitude in science that are interested in obtaining possible college credit by preparing for a taking the College Board Advanced Placement Test. The course is designed specifically as preparation for the AP Chemistry Test and is comparable to a college freshmen chemistry course.

**ADVANCED PLACEMENT (AP) PHYSICS****Credit: 1****Grade: 11-12****Recommended prerequisite: Honors Physics and Algebra II; teacher recommendation and parent permission. If student elects to take the AP Exam, payment is required prior to March 1.**

Advanced Placement Physics is a college preparatory course for motivated students with a high aptitude in science that are interested in obtaining possible college credit by preparing for and taking the College Board Advanced Placement Test. The course is designed specifically as preparation for the AP Physics Test and is comparable to a college freshmen physics course.

**Anatomy & Physiology****Credit: 1****Grades 11-12**

Prerequisite: Biology and a second science credit. Recommended prerequisite: a course from the Health Science Career Cluster. Students must meet the 40% laboratory and fieldwork requirement.

The Anatomy and Physiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology will study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis.

---

## SOCIAL STUDIES AND ECONOMICS

---

Four social studies / economics credits for Seminole High School are required for graduation.

### **WORLD GEOGRAPHY STUDIES**

**Credit: 1      Grade: 9-12**

Recommended prerequisite: Recommended as first course in sequence of classes for social studies requirements.

### **HONORS WORLD GEOGRAPHY STUDIES**

**Credit: 1      Grade: 9-12**

**Recommended prerequisite: Teacher recommendation and parent permission.**

Honors World Geography Studies is a college-preparatory course for motivated students with a high aptitude in social studies that are interested in preparing for the high school AP U.S. History, AP U.S. Government, and/or AP Microeconomics courses. Differentiation for the gifted learner is provided in the areas of content, process, and product.

---

### **WORLD HISTORY STUDIES**

**Credit: 1      Grade: 9-12**

**Recommended prerequisite: Teacher recommendation and parent permission.**

### **HONORS WORLD HISTORY STUDIES**

**Credit: 1      Grade: 9-12**

**Recommended prerequisite: Teacher recommendation and parent permission.**

Honors World History Studies is a college-preparatory course for motivated students with a high aptitude in social studies that are interested in preparing for the high school AP U.S. History, AP U.S. Government, and/or AP Microeconomics courses. Differentiation for the gifted learner is provided in the areas of content, process, and product.

---

### **UNITED STATES HISTORY STUDIES SINCE RECONSTRUCTION**

**Credit: 1      Grade: 9-12**

**Recommended prerequisite: Recommended as third course in sequence of classes for social studies requirements.**

### **UNITED STATES HISTORY STUDIES (Conceptual) SINCE RECONSTRUCTION**

**Credit: 1      Grade: 9**

**Recommended prerequisite: Recommended as third course in sequence of classes for social studies requirements. Teacher Recommendation as a result of TAKS scores.**

### **AP UNITED STATES HISTORY STUDIES SINCE RECONSTRUCTION**

**Credit: 1      Grade: 9-12**

**Recommended prerequisite: Teacher recommendation and parent permission. If student elects to take the AP exam, payment is required prior to the end of March 1.**

Advanced Placement United States History Studies is a college-preparatory course for motivated students with a high aptitude in social studies that are interested in preparing for the high school AP U.S. History, AP U.S. Government, or AP Microeconomics course. Differentiation for the gifted learner is provided in the areas of content, process, and product.

---

**GOVERNMENT****Credit: 1/2    Grade: 12****Recommended prerequisite: Recommended as fourth course in sequence of classes for social studies requirement.****DUAL CREDIT U.S. GOVERNMENT AND POLITICS I****Credit: 1/2    Grade: 12****Recommended prerequisite: Passed the Reading portion of the TSI; prior approval of principal or counselor; payment of college tuition at the beginning of semester**

Concurrent U.S. Government and Politics is comparable to a college government course. Requirement of the course must also address the state-mandated essential knowledge and skills in order for state credit to be awarded.

**ADVANCED PLACEMENT (AP) U.S. GOVERNMENT AND POLITICS****Credit: 1/2    Grade: 12**

Recommended prerequisite: May be used to meet course requirement for Government, teacher recommendation and parent permission. If student elects to take the AP Exam, payment is required prior to end of the first semester.

Advanced Placement U.S. Government and Politics is a college preparatory course for motivated students with a high aptitude in social studies that are interested in obtaining possible college credit by preparing for and taking the College Board Advanced Placement Test. The course is designed specifically as preparation for the AP U.S. Government and Politics Test and is comparable to a college government course.

---

**ECONOMICS WITH EMPHASIS ON THE FREE ENTERPRISE SYSTEM AND ITS BENEFITS****Credit: 1/2    Grade: 12**

Recommended prerequisite: Recommended as fourth course in sequence of classes for social studies requirement.

**ADVANCED PLACEMENT (AP) MICROECONOMICS****Credit: 1/2    Grade: 12**

Recommended prerequisite: May be used to meet course requirements for Economics with Emphasis on the Free Enterprise System and its Benefits; teacher recommendation and parent permission. If student elects to take the AP Exam, payment is required prior to the end of the first semester.

Advanced Placement U.S. Microeconomics is a college preparatory course for motivated students with a high aptitude in social studies that are interested in obtaining possible college credit by preparing for and taking the College Board Advanced Placement Test. The course is designed specifically as preparation for the AP Microeconomics Test and is comparable to a college economic course.

---

**PSYCHOLOGY** **Credit: 1/2**    **Grade: 11-12**  
**Recommended prerequisite: None**  
Course content designed to give students insight into human behavior, such as factors affecting learning, analysis of behavior patterns which influence human behavior, and adjustment to the social environment or cultural group to which they belong

---

**SOCIOLOGY** **Credit: 1/2**    **Grade: 11-12**  
**Recommended prerequisite: None**  
This is the social science that studies human and social behavior. It includes such topics as culture and social structure, the individual in society, social inequality, social institutions, and the changing social world.

---

**HEBREW SCRIPTURES (OLD TESTAMENT)** **Credit: 1/2**    **Grade: 10-12**  
**Recommended prerequisite: None**  
Course to teach the students knowledge of biblical content, characters, poetry, history and narratives that are prerequisites to understanding contemporary society and culture.

**NEW TESTAMENT** **Credit: 1/2**    **Grade: 10-12**  
**Recommended prerequisite: None**  
Course to teach the students knowledge of biblical content, characters, poetry, history and narratives that are prerequisites to the understanding contemporary society and culture.

**PERSONAL FINANCIAL LITERACY** **Credit: 1/2**    **Grade: 10-12**  
**Recommended prerequisite: None**  
This class 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. This course is designed to be an interactive and research-based course.

---

## LANGUAGES OTHER THAN ENGLISH

---

The following language courses must be taken in sequence. Two credits of the same language meet the Languages Other Than English requirement for the Recommended Plan and are strongly encouraged for college entrance. Three years of the same language are required for the Distinguished Achievement Plan.

---

**SPANISH I (Level 1)** **Credit: 1** **Grade: 9-12**  
**Recommended prerequisite: None**

**SPANISH II (Level 2)** **Credit: 1** **Grade: 10-12**  
**Recommended prerequisite: Spanish I**

**SPANISH III (Level 3)** **Credit: 1** **Grade: 11-12**  
**Recommended prerequisite: Spanish II**

---

**HONORS SPANISH III (Level 3)** **Credit: 1** **Grade: 11-12**  
**Recommended prerequisite: Spanish II; teacher recommendation and parent permission.**

Honors Spanish III is a college preparatory course for motivated students with a high aptitude in Spanish who are interested in obtaining possible college credit by preparing for and taking the College Board Advanced Placement Test. The course is designed specifically as preparation for the AP Spanish Language Test and is comparable to a college Spanish course.

**DUAL CREDIT SPANISH III** **Credit: 1** **Grade: 11-12**  
**Recommended Prerequisites: Must have passed the Reading and Writing portions of TSI: prior approval of principal or counselor and payment of college tuition at the beginning of the first and second semester.**

Emphasize simple conversation: pronunciation, fluency and vocabulary. Presents basic grammar and composition.

**ADVANCED PLACEMENT (AP) SPANISH IV (Level 4-6)** **Credit: 1** **Grade: 12**  
**Recommended prerequisite: Honors Spanish III; teacher recommendation and parent permission. If student elects to take the AP Exam, payment is required prior to March 1.**

Advanced Placement Spanish IV is a college preparatory course for motivated students with a high aptitude in Spanish who are interested in obtaining possible college credit by preparing and taking the College Board Advanced Placement Test. The course is designed specifically as preparation for the AP Spanish Literature Test and is comparable to a college Spanish course.

**HONORS SPANISH IV (Level 4)** **Credit: 1** **Grade: 12**  
**Recommended prerequisite: Honors Spanish III; teacher recommendation and parent permission.**

Honors Spanish IV is a college preparatory course for motivated students with a high aptitude in Spanish. The course is comparable to a college Spanish course.

**DUAL CREDIT SPANISH IV (Level 4)** **Credit: 1** **Grade: 12**  
**Recommended Prerequisites: Honors Spanish III or Dual Credit Spanish III; teacher recommendation and parent permission. prior approval of principal or counselor and payment of college tuition at the beginning of the first and second semester.**

Dual Credit Spanish IV aims at developing and improving student's oral and written communication through the continued study of the language, literature and culture of Spain, Latin America and Hispanic communities in the United States.

---

**GERMAN I (Level 1)** **Credit: 1** **Grade: 9-12**  
**Recommended prerequisite: None**

**GERMAN II (Level 2)** **Credit: 1** **Grade: 10-12**  
**Recommended prerequisite: German I**

**GERMAN III (Level 3)** **Credit: 1** **Grade: 11-12**  
**Recommended prerequisite: German II**

---

**HONORS GERMAN III (Level 3)** **Credit: 1** **Grade: 11-12**  
**Recommended prerequisite: German II; teacher recommendation and parent permission.**

Honors German III is a college preparatory course for motivated students with a high aptitude in German who are interested in obtaining possible college credit by preparing for and taking the College Board Advanced Placement Test. The course is designed specifically as preparation for the AP German Language Test and is comparable to a college German course.

**HONORS GERMAN IV (Level 4)** **Credit: 1** **Grade: 12**  
**Recommended prerequisite: German III; teacher recommendation and parent permission.**

Honors German IV is a college preparatory course for motivated students with a high aptitude in German who are interested in obtaining possible college credit by preparing for and taking the College Board Advanced Placement Test. The course is designed specifically as preparation for the AP German Language Test and is comparable to a college German course.



---

## FINE ARTS

---

### ART

- ART I** **Credit: 1    Grade: 9-12**  
**Recommended prerequisite: None**
- ART II DRAWING** **Credit: 1    Grade: 10-12**  
**Recommended prerequisite: Art I, teacher approval**
- ART III DRAWING** **Credit: 1    Grade: 11-12**  
**Recommended prerequisite: Drawing II; teacher approval**
- DUAL CREDIT ART DRAWING III** **Credit: 1    Grade: 11-12**  
**Recommended prerequisite: Drawing II; teacher recommendation and parent approval**  
\*Payment of tuition is due at the beginning of the fall semester for 3 hours college credit. In order to earn college credit the student must successfully complete the requirements for the high school credit.
- DUAL CREDIT ART APPRECIATION (ARTS 1301, ARTS 1303)** **Credit: 1    Grades: 11-12**  
**Prerequisite: Must pass the Reading portion of the TSI**  
A college course that develops the ability to interpret visual images and to understand the cultural significance of the visual arts. Introduces basic art theory, forms, and history.  
\*Payment of tuition is due at the beginning of the fall semester for 3 hours college credit. In order to earn college credit the student must successfully complete the requirements for the high school credit.
- ART II PAINTING** **Credit: 1    Grade: 10-12**  
**Recommended prerequisite: Art I; teacher approval**
- ART II SCULPTURE** **Credit: 1    Grade: 10-12**  
**Recommended prerequisite: Art I; teacher approval**
- ART III SCULPTURE** **Credit: 1    Grade: 11-12**  
**Recommended prerequisite: Sculpture II; teacher approval**
- ART II CERAMICS** **Credit: 1    Grade: 10-12**  
**Recommended prerequisite: Art I; teacher approval**
- ART III CERAMICS** **Credit: 1    Grade: 11-12**  
**Recommended prerequisite: Ceramics II; teacher approval**
- DUAL CREDIT ART APPRECIATION (ARTS 1301, ARTS 1303)**  
**Prerequisite: Must pass the Reading portion of the TSI**

A college course that develops the ability to interpret visual images and to understand the cultural significance of the visual arts. Introduces basic art theory, forms, and history.

---

### **ADVANCED PLACEMENT (AP) 2-DIMENSIONAL DESIGN PORTFOLIO**

- Credit: 1    Grade: 11-12**
- Recommended prerequisite: One credit of any Art II course; teacher approval; parent permission; payment of AP fee prior to March 1. Two credits include 1 credit of AP 2-D Design Portfolio and 1 credit of AP Art Lab (local credit).**

This portfolio is intended to address a very broad interpretation of two-dimensional design issues.

**ADVANCED PLACEMENT (AP)**

**3-DIMENSIONAL DESIGN PORTFOLIO**

**Credit: 1**

**Grade: 11-12**

**Recommended prerequisite: One credit of any Art II course; teacher approval; parent permission; payment of AP fee prior to March 1. Two credits include 1 credit of AP 3-D Design Portfolio and 1 credit of AP Art Lab (local credit).**

This portfolio is intended to address a broad interpretation of sculptural issues in depth and space.

**AP ART LAB**

**Local Credit: 1**

**Grade: 11-12**

**Recommended prerequisite: Enrollment in AP 2-D Design or AP 3-D Design.**

---

**BAND**

**INSTRUMENTAL ENSEMBLE I, II, III, IV**

**Credit: 1**

**Grade: 9-12**

**Recommended prerequisite: Teacher recommendation**

**To facilitate student preparedness for advance instrumental music.**

**MUSIC I BAND**

**Credit: 1**

**Grade: 9-12**

**Recommended prerequisite: Teacher recommendation**

**Fall semester of Band receives a physical education waiver.**

**MUSIC II BAND**

**Credit: 1**

**Grade: 10-12**

**Recommended prerequisite: Band I and teacher recommendation**

**Fall semester of Band receives a physical education waiver.**

**MUSIC III BAND**

**Credit: 1**

**Grade: 11-12**

**Recommended prerequisite: Band II and teacher recommendation**

**Fall semester of Band receives a physical education waiver.**

**MUSIC IV BAND**

**Credit: 1**

**Grade: 12**

**Recommended prerequisite: Band III and teacher recommendation**

**Fall semester of Band receives a physical education waiver.**

**DUAL CREDIT MUSIC THEORY**

**Credit: 1 Grade: 11-12**

**Recommended Prerequisites: Must have passed the Reading and Writing portions of the TSI; prior approval of principal or counselor, payment of college tuition at the beginning of the first and second semester and participation in choir or band at the high school level.**

This course reviews basic music theory, followed by study of diatonic melody, diatonic triadic and seventh chord harmony, embellishing tones, modes and motivic procedures through analysis, part-writing, composition, ear-training, sight-singing, rhythmic reading and keyboarding applications

---

**CHOIR**

**MUSIC I CHOIR (Singers)**

**Credit: 1**

**Grade: 9-12**

**Recommended prerequisite: None**

**MUSIC II CHOIR (Singers)**

**Credit: 1**

**Grade: 10-12**

**Recommended prerequisite: Choir I**

**MUSIC III CHOIR (Singers)**

**Credit: 1**

**Grade: 11-12**

**Recommended prerequisite: Choir II**

<b>MUSIC IV CHOIR (Singers)</b> Recommended prerequisite: <b>Choir III</b>	<b>Credit: 1</b>	<b>Grade: 12</b>
<b>MUSIC I CHORALE</b> Recommended prerequisite: <b>None</b>	<b>Credit: 1</b>	<b>Grade: 9-12</b>
<b>MUSIC II CHORALE</b> Recommended prerequisite: <b>Chorale I</b>	<b>Credit: 1</b>	<b>Grade: 10-12</b>
<b>MUSIC III CHORALE</b> Recommended prerequisite: <b>Chorale II</b>	<b>Credit: 1</b>	<b>Grade: 11-12</b>
<b>MUSIC IV CHORALE</b> Recommended prerequisite: <b>Chorale III</b>	<b>Credit: 1</b>	<b>Grade: 12</b>
<b>MUSIC I CHOIR (A cappella)</b> Recommended prerequisite: <b>Teacher recommendation</b>	<b>Credit: 1</b>	<b>Grade: 9-12</b>
<b>MUSIC II CHOIR (A cappella)</b> Recommended prerequisite: <b>Choir I and teacher recommendation</b>	<b>Credit: 1</b>	<b>Grade: 10-12</b>
<b>MUSIC III CHOIR (A cappella)</b> Recommended prerequisite: <b>Choir II and teacher recommendation</b>	<b>Credit: 1</b>	<b>Grade: 11-12</b>
<b>MUSIC IV CHOIR (A cappella)</b> Recommended prerequisite: <b>Choir III and teacher recommendation</b>	<b>Credit: 1</b>	<b>Grade: 12</b>

---

**DUAL CREDIT MUSIC THEORY** **Credit: 1**    **Grade: 11-12**  
**Recommended Prerequisites: Must have passed the Reading and Writing portions of the TSI; prior approval of principal or counselor, payment of college tuition at the beginning of the first and second semester and participation in choir or band at the high school level.**

This course reviews basic music theory followed by study of diatonic melody, diatonic triadic and seventh chord harmony, embellishing tones, modes and motivic variation procedures through analysis, part-writing, composition, ear-training, sight-singing, rhythmic reading and keyboard applications.

---

**THEATRE**

<b>THEATRE ARTS I</b> Recommended prerequisite: <b>None</b>	<b>Credit: 1</b>	<b>Grade: 9-12</b>
<b>THEATRE ART II</b> Recommended prerequisite: <b>Theatre Arts I</b>	<b>Credit: 1</b>	<b>Grade: 10-12</b>
<b>THEATRE ARTS III</b> Recommended prerequisite: <b>Theatre Arts II</b>	<b>Credit: 1</b>	<b>Grade: 11-12</b>
<b>THEATRE ARTS IV</b> Recommended prerequisite: <b>Theatre Arts III</b>	<b>Credit: 1</b>	<b>Grade: 12</b>
<b>TECHNICAL THEATRE I</b> Recommended prerequisite: <b>None</b>	<b>Credit: 1</b>	<b>Grade: 9-12</b>

<b>TECHNICAL THEATRE II</b>	<b>Credit: 1</b>	<b>Grade: 10-12</b>
<b>Recommended prerequisite: Technical Theatre I and teacher approval; parent permission</b>		
<b>TECHNICAL THEATRE III</b>	<b>Credit: 1</b>	<b>Grade: 11-12</b>
<b>Recommended prerequisite: Technical Theatre II and teacher approval; parent permission</b>		
<b>TECHNICAL THEATRE IV</b>	<b>Credit: 1</b>	<b>Grade: 12</b>
<b>Recommended prerequisite: Technical Theatre III and teacher approval; parent permission</b>		
<b>THEATRE PRODUCTION I-IV</b>	<b>Credit: 1</b>	<b>Grade: 9-12</b>
<b>Recommended prerequisite: Teacher Approval</b>		

---

## HEALTH EDUCATION & PHYSICAL EDUCATION

---

<b>HEALTH EDUCATION</b>	<b>Credit: 1/2</b>	<b>Grade: 9</b>
<b>Recommended prerequisite:</b> None; required for all graduation plans		
Course includes instruction in health and safety. Students will be certified in CPR upon completion of this course.		
<b>PERSONAL FITNESS</b>	<b>Credit: 1</b>	<b>Grade: 9</b>
<b>INDIVIDUAL SPORTS</b>	<b>Credit: 1</b>	<b>Grade: 10</b>
<b>AEROBIC ACTIVITIES</b>	<b>Credit: 1</b>	<b>Grade: 11</b>
<b>OUTDOOR ACTIVITIES</b>	<b>Credit: 1</b>	<b>Grade: 12</b>
<b>ATHLETIC TRAINING</b>	<b>Credit: 1/2-1</b>	<b>Grade: 9-12</b>
<b>Recommended prerequisite: Teacher approval</b>		
Course includes classroom instruction in athletic training techniques and practical experience as student trainer for athletic teams.		
<b>PHYSICAL EDUCATION EQUIVALENT*;</b>		
<b><u>GIRLS ONLY</u></b>		
<b>GIRLS ATHLETICS I, II, III, IV</b>	<b>Credit: 1/2</b>	<b>Grade: 9-12</b>
<b><u>BOYS ONLY</u></b>		
<b>BOYS ATHLETICS I, II, III, IV</b>	<b>Credit: 1/2</b>	<b>Grade: 9-12</b>
<b><u>BOYS AND GIRLS</u></b>		
<b>SWIMMING I, II, III, IV</b>	<b>Credit: 1/2</b>	<b>Grade: 9-12</b>
<b>CROSS COUNTRY I, II, III, IV</b>	<b>Credit: 1/2</b>	<b>Grade: 9-12</b>
<b>TENNIS I, II, III, IV</b>	<b>Credit: 1/2</b>	<b>Grade: 9-12</b>
<b>GOLF I, II, III, IV</b>	<b>Credit: 1/2</b>	<b>Grade: 9-12</b>
<b>Recommended prerequisite: Coach and Athletic Director approval</b>		

---

## **CAREER AND TECHNOLOGY EDUCATION**

---

### Public Notification of Non-Discrimination in Career and Technology Education Programs

Seminole High School offers career and technology education programs in: Agriculture, Food, and Natural Resources; Business Management and Administration; Health Science; Human Services; Arts, A/V Technology, and Communications; Career Development; Manufacturing; Architecture and Construction; Information Technology; Law, Public Safety, Corrections and Securities; and Transportation, Distribution and Logistics.

It is the policy of the Seminole Independent School District not to discriminate on the basis of sex, disability, race, color, and national origin in its educational and career and technology education programs, activities, or employment practices as required by Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended.

Seminole High School will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and career and technology education program.

For information about your rights or grievance procedures, contact the Title IX Coordination: Doug Harriman and Section 504 Coordinator: Ben Runyan, 207 SW 6<sup>th</sup> Street, Seminole, TX 79360, 432/758-3662.

### **TECH PREP**

Tech Prep is a program whereby college credit and high school credit may be jointly earned in selected courses. Tech Prep courses are offered at Seminole High School through articulation agreements with South Plains Tech Prep Consortium and Permian Basin Tech Prep Consortium. Credit will be awarded at South Plains College, Odessa College, Midland College, and Howard College for successful completion of the guidelines in Tech Prep for those classes designated as Tech Prep as an option:

Ag Mechanics & Metal Technology	Child Development
Audio Video Productions	Computer Maintenance
Automotive Technology I & II	Digital & Interactive Media
Business Information Management	Precision Metal

Additional courses will be added to the Tech Prep list as articulation agreements are completed.

## **AGRICULTURE, FOOD, & NATURAL RESOURCES**

**AGRICULTURAL MECHANICS& METAL TECHNOLOGIES** Credit: 1 Grades: 10-12

**Recommended Prerequisite: Principles of Agriculture, Food & Natural Resources**

This course is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working technologies.

### **FLORAL DESIGN**

**Recommended Prerequisite: None**

**Credit: 1 Grades: 10-12**

This course is designed to develop the student's ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises.

### **HORTICULTURE SCIENCE**

**Recommended Prerequisite: None**

**Credit: 1 Grades: 10-12**

This course is designed to develop an understanding of common horticultural management practices as they relate to food and ornamental plant production.

### **LANDSCAPE DESIGN AND TURF GRASS MANAGEMENT**

**Credit: 1 Grades: 10-12**

**Recommended Prerequisite: None**

This course is designed to develop an understanding of landscape and turf grass management techniques and practices.

**PRINCIPLES OF AGRICULTURE, FOOD & NATURAL RESOURCES** Credit: 1 Grades: 9-12

**Recommended Prerequisite: None; first year course**

This course allows students to develop knowledge and skills regarding career opportunities, personal development, globalization, industry standards, details, practices, and expectations.

Course also offered at the 8<sup>th</sup> grade level for high school credit.

**DUAL CREDIT THE AGRICULTURE INDUSTRY-Agri 1231** Credit: ½ Grades: 11-12

**Recommended prerequisite: Passed the TSI Reading; prior approval of principal or counselor; teacher recommendation and parent permission; payment of tuition at the beginning of the semester for college credit. In order to earn college credit, student must successfully complete the requirements for high school credit.**

This course is an introduction of the basic components of the agricultural industry in the United States with a special consideration for changing economic focus of the equine industry.

**DUAL CREDIT AG ECONOMICS -Agri 2317**

**Credit: ½ Grades: 11-12**

**Recommended prerequisite: Passed the TSI Reading; parent permission; payment of tuition at the beginning of the semester for college credit. In order to earn college credit, student must successfully complete the requirements for high school credit.**

This course offers an overview of the basic concepts and theory of the present agricultural economic system through a process of interpretation of written information. It includes analysis and mathematical calculations of profit margin of farm and ranch enterprises as well as commercial industry, their organization and management, the structure and operation of the marketing system, and political economic setting. Functional and institutional aspects of agricultural finance and state and federal farm programs are also covered.

**DUAL CREDIT ADVANCED ANIMAL SCIENCE -Agri 1419**      **Credit: ½**    **Grades: 11-12**  
**Recommended prerequisite: Passed the TSI Reading; parent permission; payment of tuition at the beginning of the semester for college credit. In order to earn college credit, student must successfully complete the requirements for high school credit.**

This course is an introduction to the importance of the livestock industry in the United States, with emphasis on the state of Texas.

**WILDLIFE, FISHERIES & ECOLOGY MANAGEMENT**      **Credit: 1**    **Grades: 9-12**  
**Recommended Prerequisite: None**

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

**LIVESTOCK PRODUCTION**      **Credit: 1**    **Grades: 10-12**  
**Recommended Prerequisite: Principles of Agriculture, Food & Natural Resources**

In this course, students will attain academic skills and knowledge related to animal systems and the workplace, develop knowledge and skill regarding career opportunities, entry requirements and industry expectations. Animal species to be addressed in this course may include, but are not limited to, beef cattle, dairy cattle, swine, sheep, goats and poultry.

**ADVANCED ANIMAL SCIENCE**      **Credit: 1**    **Grade: 12**  
**Recommended Prerequisite: A minimum of one credit from the courses in the Agriculture, Food, and Natural Resources cluster.**

In this course, students will attain academic skills and knowledge related to animal systems, develop knowledge and skill regarding career opportunities, entry requirements and industry standards. This course examines the interrelatedness of human, scientific, and technological dimensions of livestock production.

**DUAL CREDIT LIVESTOCK EVALUATION-Agri 2321**      **Credit: ½**    **Grades: 11-12**  
**Recommended prerequisite: Passed the TSI Reading; prior approval of principal or counselor; teacher recommendation and parent permission; payment of tuition at the beginning of the semester for college credit. In order to earn college credit, student must successfully complete the requirements for high school credit.**

This course is an introduction of the basic factors for selection and evaluation of cattle, sheep, and swine with a special emphasis on the breeding and performances of horses.

**VETERINARY MEDICAL APPLICATIONS**      **Credit: 1**    **Grade: 10-12**  
**Recommended prerequisite: A minimum of one credit from the courses in the Agriculture, Food & Natural Resources cluster.**

In this course, students will attain academic skills and knowledge, acquire technical knowledge and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. Topics covered in this course include, but are not limited to, veterinary practices as they relate to both large and small animal species.

**AGRICULTURAL MECHANICS & METAL TECHNOLOGIES**    **Credit: 1**    **Grades: 10-12**  
**Recommended Prerequisite: Principles of Agriculture, Food, and Natural Resources**

This course is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques.

**AGRICULTURAL FACILITIES DESIGN AND FABRICATION**      **Credit: 1**      **Grades: 11-12**  
**Recommended Prerequisite: None**

To be prepared for careers in mechanized agriculture and technical systems, students will attain knowledge and skills related to agricultural facilities design and fabrication. Additionally, students will explore career opportunities, entry requirements, and industry expectations.

**AGRICULTURAL POWER SYSTEMS**      **Credit: 2**      **Grades: 10-12**  
**Recommended Prerequisite: None**

This course is designed to develop an understanding of power and control systems as related to energy sources, small and large power systems, and agricultural machinery.

**AGRIBUSINESS & CONSTRUCTION**

**INTERIOR DESIGN**      **Credit: 1**      **Grades: 10-12**  
**Recommended Prerequisite: Algebra I**

Interior Design is a technical course that addresses psychological, physiological, and sociological needs of individuals by enhancing the environments in which they live and work. Individuals use knowledge and skills related to interior and exterior environments, construction, and furnishings to make wise consumer decisions, increase productivity, and compete in industry.

**PRINCIPLES OF CONSTRUCTION**      **Credit: 1**      **Grades: 9-12**  
**Recommended Prerequisite: None**

This course provides an overview to the various fields of architecture, interior design, construction science, and construction technology. Students use self-knowledge, educational, and career information to set and achieve realistic career and educational goals. Safety and career opportunities are included, in addition to work ethics and job-related study in the classroom such as communications; problem-solving and critical thinking; Information Technology Applications; systems; safety; health, and environmental; leadership and teamwork; ethics and legal responsibilities; employability and career development; technical skills; introduction to hand tools; introduction to power tools; basic rigging; and reading technical drawings.

**CONSTRUCTION TECHNOLOGY I**      **Credit: 2**      **Grades: 10-12**  
**Recommended Prerequisite: Principles of Architecture and Construction**

In Construction Technology, students gain knowledge and skills specific to those needed to enter the work force as carpenters or building maintenance supervisors or prepare for a postsecondary degree in construction management, architecture, or engineering. Students acquire knowledge and skills in safety, tool usage, building materials, codes and framing.

**MILL AND CABINETMAKING TECHNOLOGY (Woods II)**      **Credit: 2-3**      **Grades: 10-12**  
**Recommended Prerequisite: Principles of Architecture and Construction and Woods I**

In Mill and Cabinetmaking Technology, students gain knowledge and skills specific to those needed to enter the work force in the area of millwork and cabinet manufacturing and installation. The student may also apply these skills to professions in carpentry or building maintenance supervision or use the skills as a foundation for a postsecondary degree in construction management, architecture, or engineering. Students acquire knowledge and skills in cabinet design, tool usage, jointing methods, finishes, and numerical and computer control production methods.

**CONSTRUCTION TECHNOLOGY (Woods III)**      **Credit: 2**      **Grades: 11-12**  
**Recommended Prerequisite: Principles of Construction and Construction Tech I**

In Advanced Construction Technology, students gain advanced knowledge and skills specific to those needed to enter the work force as carpenters, building maintenance technicians, or supervisors or prepare for a postsecondary degree in construction management, architecture, or engineering. Students build on the knowledge base from Construction Technology and are introduced to exterior and interior finish out skills.



## **ARTS, AV & COMMUNICATION**

In addition to the courses listed below in Arts, A/V Technology and Communications, Business Information Management I (description included in Management and Administration Section) will satisfy the one credit requirement of Arts, A/V Technology and Communications required for all graduation plans.

### **PRINCIPLES OF ARTS, AUDIO/VIDEO TECHNOLOGY, & COMMUNICATIONS (News)**

**Credit: 1      Grade: 9-12**

#### **Recommended Prerequisite: None; first year course**

Careers in the Arts, Audio/Video Technology, and Communications career cluster require, in addition to creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.

### **AUDIO/VIDEO PRODUCTION**

**Credit: 1      Grades: 9-12**

#### **Recommended Prerequisite: Teacher Approval and Business Information Management I**

In this course, students will develop technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster. Additionally, students will be expected to develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video activities.

### **AUDIO/VIDEO PRODUCTION II**

**Credit: 1      Grades: 10-12**

#### **Recommended Prerequisite: Audio/Video Production**

In this course, students will develop technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster. Additionally, students will be expected to develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video activities.

### **FASHION DESIGN**

**Credit: 1      Grades: 10-12**

#### **Recommended Prerequisite: Principles of Arts, Audio/Video Technology, & Communications**

In this course, students will develop technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster. Additionally, students will be expected to develop an understanding of fashion and the textile and apparel industries.

## **BUSINESS MANAGEMENT & ADMINISTRATION**

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

**Credit: 1**

**Grade 10-12**

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.

### **BUSINESS INFORMATION MANAGEMENT I**

**Credit: 1**

**Grades: 10-12**

#### **Recommended Prerequisite: Demonstrated proficiency in keyboarding**

Students will learn to apply technical skills to address business applications of emerging technologies, create word-processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software.

## **FINANCE**

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

**Credit: 1**

**Grade 10-12**

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.

### **Accounting I**

**Credit: 1**

**Grade 10-12**

Recommended prerequisite: Principles of Business, Marketing, and Finance

In Accounting I, students will investigate the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students will reflect on this knowledge as they engage in the process of recording, classifying, summarizing, analyzing, and communicating accounting information. Students will formulate and interpret financial information for use in management decision making.

### **Accounting II**

**Credit: 1**

**Grade 10-12**

Prerequisite Acct I

In Accounting II, students will continue the investigation of the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students will reflect on this knowledge as they engage in various managerial, financial, and operational accounting activities. Students will formulate, interpret, and communicate financial information for use in management decision making. Students will use equations, graphical representations, accounting tools, spreadsheet software, and accounting systems in real-world situations to maintain, monitor, control, and plan the use of financial resources.

## **HEALTH SCIENCE**

### **PRINCIPLES OF HEALTH SCIENCE**

**Credit: 1      Grades: 10**

**Recommended Prerequisite: Biology; Student responsible for transportation to the local nursing home.**

The Principles of Health Science provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry.

### **MEDICAL TERMINOLOGY**

**Credit: 1      Grades: 10-12**

**Recommended Prerequisite: Passed the TSI**

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

### **Health Science Theory and Clinicals**

**Credit: 2      Grade 12**

The Health Science Theory course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development.

The Health Science Clinical course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development.

## **HUMAN SERVICES**

### **PRINCIPLES OF HUMAN SERVICES**

**Credit: 1      Grades: 9-12**

**Recommended Prerequisite: None**

This laboratory course will enable students to investigate careers in the human services career cluster, including counseling and mental health, early childhood development, family and community, and personal care services. Each student is expected to complete the knowledge and skills essential for success in high-skill, high-wage, or high-demand human services careers.

### **INTERPERSONAL STUDIES**

**Credit: ½      Grades: 10-12**

**Recommended Prerequisite: None**

This course examines how the relationships between individuals and among family members significantly affect the quality of life. Students use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles, and pursue careers related to counseling and mental health services.

### **CHILD DEVELOPMENT**

**Credit: 1      Grades: 10-12**

**Recommended Prerequisite: Principles of Human Services**

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

### **LIFETIME NUTRITION & WELLNESS**

**Credit: 1      Grades: 10-12**

**Recommended Prerequisite: Principles of Human Services or Principles of Health Science**

This laboratory course allows students to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness as well as pursue careers related to hospitality and tourism, education and training, human services, and health sciences.

**INTRODUCTION TO CULINARY ARTS****Credit: 1      Grades: 9-12****Recommended Prerequisite: None**

This class teaches the fundamentals and principles of the art of cooking and the science of baking and includes management and production skills and techniques.

**INTRODUCTION TO COSMETOLOGY****Credit: 1      Grades: 9-12****Recommended Prerequisite: Teacher approval**

Students will explore areas such as bacteriology, sterilization and sanitation, hair styling, manicuring, shampooing and the principles of hair cutting, hair styling, hair coloring, skin care, and facial makeup. The students will research careers in the personal care services industry. Students may begin to earn clock hours toward state licensing requirements.

**COSMETOLOGY I****Credit: 2-3      Grades: 10-11****Recommended Prerequisite: Teacher approval; Introduction to Cosmetology**

Students will coordinate integration of academic, career, and technical knowledge and skills in this laboratory instructional sequence course designed to provide job-specific training for employment in cosmetology careers. Instruction includes sterilization and sanitation procedures, hair care, nail care, and skin care and meets the Texas Department of Licensing and Regulation requirements for licensure upon passing the state examination. Analysis of career opportunities, requirements, expectations, and development of workplace skills are included.

**COSMETOLOGY II****Credit: 2-3      Grades: 11-12****Recommended Prerequisite: Teacher approval; Cosmetology I**

Students will review academic knowledge and skills related to cosmetology. This course is designed to provide advanced training for employment in cosmetology careers. Instruction includes advanced training in sterilization and sanitation processes, hair care, nail care, and skin care and meets the Texas Department of Licensing and Regulation requirements for licensure upon passing the state examination. Students apply, combine, and justify knowledge and skills to a variety of settings and problems.

## **INFORMATION & TECHNOLOGY**

**COMPUTER MAINTENANCE****Credit: 1      Grades: 10-12****Recommended Prerequisite: Business Information Management I**

Students will acquire principles of computer maintenance, including electrical and electronic theory, computer hardware principles, and broad level components related to the installation, diagnosis, service, and repair of computer systems.

**INTERNETWORKING I (CISCO)****Credit: 2      Grades: 11-12****Recommended Prerequisite: Successful completion of Computer Maintenance**

CCNA provides Networking Basics, Routers, and Routing Basics and is considered the first step in a career certification path. Students learn how to install and configure CISCO switches and routers in multiprotocol networks using local and area networks and provide Level 1 troubleshooting.

**DIGITAL MEDIA****Credit: 1      Grades: 10-12****Recommended Prerequisite: Business Information Management I**

Through the study of digital and interactive media and its application in information technology, students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. Students will implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society.

**PRINCIPLES OF INFORMATION TECHNOLOGY****Credit: 1      Grades: 9-10****Recommended Prerequisite: None; first year course**

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

## **LAW, PUBLIC SAFETY, CORRECTIONS, & SECURITY COURSE**

**Recommended Prerequisite:** None; first year course

**PRINCIPLES OF LAW, PUBLIC SAFETY, CORRECTIONS, & SECURITY Credit: 1 Grades: 9-12**

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

## **MANUFACTURING**

**INTRODUCTION TO WELDING**

**Credit: 1**

**Grades: 9-12**

**Recommended Prerequisite:** Algebra I or Geometry

In this course, students will gain knowledge and skills in the application, design, production, and assessment of products, services, and systems and how those knowledge and skills are applied to manufacturing. The study of manufacturing technology allows students to reinforce, apply and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in a manufacturing setting. In addition to general academic and technical knowledge and skills, students gain an understanding of career opportunities available in manufacturing and what employers require to gain and maintain employment in these careers.

**WELDING (Metals I)**

**Credit: 1**

**Grades: 10-12**

**Recommended Prerequisite:** Principles of Manufacturing and Algebra I

This course will provide students with 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.

**WELDING II (Metals II)**

**Credit: 2**

**Grades: 11-12**

**Recommended Prerequisite:** Algebra I or Geometry and Metals I & II

Advanced Welding builds on knowledge and skills developed in Welding. Students will develop advanced welding concepts and skills as they relate to personal and career development. This course integrates 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.

## **TRANSPORTATION, DISTRIBUTION & LOGISTICS**

**PRINCIPLES OF TRANSPORTATION**

**Credit: 1**

**Grades: 9-12**

**Recommended Prerequisite:** None; first year course

In this course, students gain knowledge and skills in safe application, design, production, and assessment of products, services and systems. This knowledge includes the history, laws and regulations, and common practices used in the logistics of warehousing and transportation systems. This course allows students to reinforce, apply, and transfer their academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings.

**AUTOMOTIVE TECHNOLOGY I**

**Credit: 2**

**Grades: 10-12**

**Recommended Prerequisite:** Principles of Transportation, Distribution, and Logistics

Automotive Services include knowledge of the function of the major automotive systems and the principles of diagnosing and servicing these systems. In Automotive Technology, students gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach the theory of operation of automotive vehicle systems and associated repair practices.

**AUTOMOTIVE TECHNOLOGY II**

**Credit: 3**

**Grades: 11-12**

**Recommended Prerequisite: Automotive Technology I**

Automotive Services include advanced knowledge of the function of the major automotive systems and the principles of diagnosing and servicing these systems. In Advanced Automotive Technology, students gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach the theory of operation of automotive vehicle systems and associated repair practices.

## **CAREER DEVELOPMENT**

**CAREER PREPARATION I Extended****Credit: 3****Grades: 11-12**

**Recommended Prerequisite: Teacher approval; students must have secured an approved job site and supervisor prior to registration.**

Career Preparation I provides opportunities for students to participate in a learning experience that combines classroom instruction with paid business and industry employment experiences and supports strong partnerships among school, business, and community stakeholders. The goal is to prepare students with a variety of skills for a fast-changing workplace. Students are taught employability skills, which include job-specific skills applicable to their training station, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success.

**CAREER PREPARATION II Extended****Credit: 3****Grades: 12**

**Recommended Prerequisite: Teacher approval; students must have secured an approved job site and supervisor prior to registration and Career Preparation I**

Career Preparation II develops essential knowledge and skills through classroom technical instruction and on-the-job training in an approved business and industry training area. Students will develop skills for lifelong learning, employability, leadership, management, work ethics, safety, and communication as a group; however, each student will have an individual training plan that will address job-specific knowledge and skills. Approved training sponsors will provide paid occupational training for a student. The training sponsor will assist the teacher in providing the necessary knowledge and skills for the student's specific career preparation.

**SPECIAL COURSES (Local Credit)**

**ACT/SAT/UIIL** **Credit: 1**    **Grade: 10-12**  
**Recommended prerequisite: None**  
Students will use this class to prepare for college entrance exams and for UIL academic competition. Time will be split between the two objectives on a weekly basis. Priority may be given to one or the other depending on the time of year, tests to be taken, competitions scheduled, etc. Students enrolled in this class will participate in district UIL academic competition.

**TAKS/EOC MATH** **Credit: 1/2-1**    **Grade: 10-12**  
**Recommended prerequisite: None; placement based on TAKS scores and/or teacher recommendation.**

**READING I - II** **Credit: 1/2-1**    **Grade: 10-12**  
**Recommended prerequisite: None; placement based on TAKS scores and/or teacher recommendation.**

**COSMETOLOGY LAB** **Credit: 1/2-1**    **Grade: 10-12**  
**Recommended prerequisite: Teacher approval; concurrent enrollment in Cosmetology I or II.**

**AUTOMOTIVE TECHNICIAN LAB** **Credit: 1/2-1**    **Grade: 10-12**  
**Recommended prerequisite: Teacher approval; concurrent enrollment in Auto Tech I or II.**

**STUDENT AIDE** **Credit: 1/2-1**    **Grade: 12**  
**Recommended prerequisite: Supervisor approval; does not count in GPA.**

**BOYS' FOOTBALL** **Credit: 1/2-1**    **Grade: 9-12**

**BOYS' BASKETBALL**

**BOYS' GOLF**

**BOYS' BASEBALL**

**CROSS COUNTRY**

**GIRLS' VOLLEYBALL**

**GIRLS' BASKETBALL**

**GIRLS' GOLF**

**GIRLS' SOFTBALL**

**POWERLIFTING**

**SWIMMING**

**TENNIS**

**Recommended prerequisite: Local credit if exceeds two state credits.**

**PUBLIC SPEAKING IV**

**Credit: 1/2-1    Grade: 12**

**ORAL INTERPRETATION IV**

**DEBATE IV**

**Recommended prerequisite: Local credit if taken for fourth year.**

**SPORTS MEDICINE I**

**Credit: 1            Grade: 9-12**

**SPORTS MEDICINE II**

**Credit: 1            Grade: 10-12**

**DUAL CREDIT COURSES**

Offered Through Contract Agreement with Odessa College

<u>Seminole ISD</u>	<u>College Number</u>	<u>H.S. Credit</u>	<u>College Hours</u>
Concurrent Biology	Biology 1406 & 1407	1	8
Concurrent Advanced Animal Science	Agriculture 1419	1	3
Concurrent Calculus	Math 2412 & 2413	1	8
Concurrent College Algebra	Math 1314	½	3
Concurrent College Trigonometry	Math 1316	½	3
Concurrent English III	English 1301 & 1302	1	6
Concurrent English IV	English 2326 & 2327	1	6
Concurrent Livestock Evaluation	Agriculture 2321	½	3
Concurrent Spanish III	Spanish 1311 & 1412	1	6
Concurrent Spanish IV	Spanish 2311 & 2312	1	6
Concurrent Statistics	Math 1342	½	3
Concurrent U.S. History	HIST 1301 & 1302	1	3
Concurrent Psychology	PSYCH 2301	½	3
Concurrent Sociology	SOCI 1301	½	3
Concurrent Speech	SPCH 1315	½	3
Concurrent Drawing	ARTS 1316 & 1317	1	6

Seminole ISD and Odessa College have created a dual credit program for junior and senior students. Students can receive both high school and college credit or a course which will transfer to accepting colleges and universities following the students' high school graduation. Students must be TSI exempt or have taken and passed the TSI prior to enrolling in the course. Tuition costs are paid to Seminole ISD.



## Proposed Freshman Schedule

Period	Class	Teacher	Room
1			
2			
3			
4			
5			
6			
7			
8			
9			
Alternate			

## Proposed Sophomore Schedule

Period	Class	Teacher	Room
1			
2			
3			
4			
5			
6			
7			
8			
9			
Alternate			

## Proposed Junior Schedule

Period	Class	Teacher	Room
1			
2			
3			
4			
5			
6			
7			
8			
9			
Alternate			

## Proposed Senior Schedule

Period	Class	Teacher	Room
1			
2			
3			
4			
5			
6			
7			
8			
9			
Alternate			

