

# Walter L. Sickles High School Curriculum Guide

Krista Luloff, Principal

7950 Gunn Highway, Tampa, FL 33626

Dear Student,

It is my great pleasure to introduce to you the course description catalog for Walter L. Sickles High School. It is written in a detailed format to aid you and your parents in selecting academic courses and electives for the next school year. Even though courses are listed in this directory and on the programming sheets, please understand that each class must have sufficient enrollment to remain on the school's master schedule; if not, the next elective class of choice will be assigned. Therefore, please be very selective when making the alternate course choices.

It is the goal of this faculty and staff that all students be prepared not only for the near future of work and/or post-secondary education, but also with the tools and strategies to be life-long learners. To this end, the administration expects students to be programmed into challenging academic classes, high interest elective classes, and technologically rigorous classes. Guidance counselors, teachers, and administrators will work with all students to ensure that the opportunity for a quality education is available to everyone.

This guide, along with parent, teacher, and peer input, should be used when selecting classes for the upcoming high school years. It is my wish that each and every student have an educational and successful school year here at SHS where excellence in all undertakings is expected, encouraged, and recognized.

Sincerely,



Krista Luloff  
Principal

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## Standard Diploma Requirements

### Academic Advisement – What Students and Parents Need to Know

# FRESHMEN ♦ CLASS S OF 2027

#### What are the diploma options?

Students must successfully complete one of the following diploma options:

- 24-credit standard diploma
- 18-credit Academically Challenging Curriculum to Enhance Learning (ACCEL)
- Career and Technical Education (CTE) Pathway
- Advanced International Certificate of Education (AICE) curriculum
- International Baccalaureate (IB) Diploma curriculum

#### What are the state assessment requirements?

Students must pass the following statewide assessments:

- Grade 10 English Language Arts (ELA) or a concordant score
- Algebra 1 end of course (EOC) or a comparative score

Refer to [Graduation Requirements for Florida's Statewide Assessments](#) for concordant and comparative scores.

Students enrolled in the following courses must participate in the corresponding EOC assessment, which constitutes 30 percent of the final course grade\*:

- Algebra 1
- Geometry
- Biology 1
- U.S. History

\*Special note: Thirty percent not applicable if not enrolled in the course but passed the EOC (credit acceleration program [CAP]).

#### What is the difference between the 18-credit ACCEL option and the 24-credit option?

- 3 elective credits instead of 8
- Physical Education is not required
- Online course is not required

#### What is the difference between the CTE Pathway option and the 24-credit option?

- At least 18 credits are required
- 4 elective credits instead of 8
  - 2 credits in CTE courses, must result in completion and industry certification
  - 2 credits in work-based learning programs or up to 2 elective credits including financial literacy
- Physical Education is not required
- Fine and Performing Arts, Speech and Debate, or Practical Arts is not required
- Online course is not required

#### 24 Credit Standard Diploma

4 Credits ELA
<ul style="list-style-type: none"> <li>• ELA 1, 2, 3, 4</li> <li>• ELA honors, Advanced Placement (AP), AICE, IB and dual enrollment courses may satisfy this requirement</li> </ul>
4 Credits Mathematics*
<ul style="list-style-type: none"> <li>• One of which must be Algebra 1 and one of which must be Geometry</li> <li>• Industry Certifications that lead to college credit may substitute for up to two mathematics credits (except for Algebra 1 and Geometry)</li> <li>• An identified computer science** credit may substitute for up to one mathematics credit (except for Algebra 1 and Geometry)</li> </ul>
3 Credits Science
<ul style="list-style-type: none"> <li>• One of which must be Biology 1, two of which must be equally rigorous science courses</li> <li>• Two of the three required course credits must have a laboratory component</li> <li>• Industry Certifications that lead to college credit may substitute for up to one science credit (except for Biology 1)</li> <li>• An identified computer science** credit may substitute for up to one science credit (except for Biology 1)</li> </ul>
3 Credits Social Studies
<ul style="list-style-type: none"> <li>• 1 credit in World History</li> <li>• 1 credit in U.S. History</li> <li>• 0.5 credit in U.S. Government</li> <li>• 0.5 credit in Economics</li> </ul>
1 Credit Fine and Performing Arts, Speech and Debate, or Practical Arts*
1 Credit Physical Education*
<ul style="list-style-type: none"> <li>• To include the integration of health</li> </ul>
8 Elective Credits
1 Online Course
<p>Students must earn a 2.0 grade point average (GPA) on a 4.0 scale for all cohort years and pass statewide, standardized assessments unless a waiver of assessment results is granted by the IEP team for students with disabilities.</p>

\* Eligible courses are specified in the [Florida Course Code Directory](#).

\*\*A computer science credit may not be used to substitute for both a mathematics and science credit.

## Standard Diploma Requirements

### Academic Advisement – What Students and Parents Need to Know

# SOPHOMORES ♦ CLASSES OF 2026

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- Fine and Performing Arts, Speech and Debate, or Practical Arts is not required
- Online course is not required

#### 24 Credit Standard Diploma

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<ul style="list-style-type: none"> <li>• One of which must be Biology 1, two of which must be equally rigorous science courses</li> <li>• Two of the three required course credits must have a laboratory component</li> <li>• Industry Certifications that lead to college credit may substitute for up to one science credit (except for Biology 1)</li> <li>• An identified computer science** credit may substitute for up to one science credit (except for Biology 1)</li> </ul>
3 Credits Social Studies
<ul style="list-style-type: none"> <li>• 1 credit in World History</li> <li>• 1 credit in U.S. History</li> <li>• 0.5 credit in U.S. Government</li> <li>• 0.5 credit in Economics</li> </ul>
1 Credit Fine and Performing Arts, Speech and Debate, or Practical Arts*
1 Credit Physical Education*
<ul style="list-style-type: none"> <li>• To include the integration of health</li> </ul>
8 Elective Credits
1 Online Course
<p>Students must earn a 2.0 grade point average (GPA) on a 4.0 scale for all cohort years and pass statewide, standardized assessments unless a waiver of assessment results is granted by the IEP team for students with disabilities.</p>

\*Eligible courses are specified in the [Florida Course Code Directory](#).

\*\*A computer science credit may not be used to substitute for both a mathematics and science credit.

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Hillsborough County Public Schools GRADUATION REQUIREMENTS STUDENTS ENTERING 9 <sup>TH</sup> GRADE IN THE 2021-2022 SCHOOL YEAR		
	24 CREDIT PROGRAM STANDARD DIPLOMA	SCHOLAR DESIGNATION (In Addition to the 24 Credit Standard Diploma Requirements)
English	4 required English I, II, III, IV	
Mathematics	4 required Including 1Algebra I or its equivalent and 2Geometry I. Industry certifications that lead to college credit may substitute for up to two mathematics credits (except for Algebra I and Geometry).	1 credit in Algebra II must pass End of Course (EOC) exam 1 credit in Statistics or equally rigorous mathematics course Pass Geometry EOC
Science	3 required Including 1Biology I and two credits in equally rigorous science courses Two credits must have a laboratory component. ... An industry certification that leads to college credit substitutes for up to one science credit (except for Biology I). ... An identified rigorous Computer Science course with a related industry certification substitutes for up to one science credit (except for Biology I).	Pass Biology I EOC 1 credit in Chemistry or Physics 1 credit in a course equally rigorous to Chemistry or Physics
Social Studies	3 required World History, 4United States History, United States Government (.50 credit), and Economics with Financial Literacy (.50 credit)	Pass United States History EOC
Fine Arts	1 required In Fine or Performing Arts, Speech and Debate, or approved Practical Arts course	
Physical Education	1 required HOPE	
World Language	Not required for graduation, but at least two credits in the same language are required for admission into four year colleges and universities.	Two credits in the same world language
Electives	8 required Elective credit details for Bright Futures Scholarships, go to <a href="http://www.floridastudentfinancialaid.org">www.floridastudentfinancialaid.org</a> .	
Online/Virtual Course	At least one course within the 24 credits required must be completed through online learning.	
Minimum Graduation Credit Requirement	24 credits	24 Credits One credit must be in Advanced Placement, AICE, dual enrollment, or International Baccalaureate.
ACCEL OPTION (18 CREDIT)	Three elective credits instead of eight; Physical Education is not required; Online/Virtual Course not required. All other graduation requirements for a 24-credit standard diploma must be met (per Florida Statutes).	
Merit Designation	In addition to the 24 credit standard diploma requirements, students pursuing merit designation must attain one or more industry certifications from the state approved list.	
Seal of Biliteracy	The attainment of a high level of competency in listening, speaking, reading, and writing in one or more world languages in addition to English.	
Assessment	Must pass Florida Standards Assessment (FSA) Grade 10 English Language Arts (ELA) assessment (or earn concordant ACT or SAT score) and 1Algebra I EOC exam (or earn PERT comparative score).	
GPA	2.0 on a 4.0 scale (unweighted state GPA)	
GPA Bonus Points	.04 Points per .50 honors credit (final grade must be C or above) .08 Points for Dual Enrollment and AP per .50 credit (final grade must be C or above)	

**Graduation requirements for students with disabilities:** In addition to the 24-credit and the ACCEL 18-credit options above, there are two other standard diploma options available only to students with disabilities: academic and employment option and access points option. Both require the 24 credits listed in the chart and both allow students to substitute a career and technical (CTE) course with related content for one credit in ELA IV, mathematics, science, and social studies (excluding Algebra I, Geometry, Biology, and United States History). Students who choose the academic and employment option must earn at least .50 credit via paid employment (counts as .50 elective credit). Students with significant cognitive disabilities may earn credits via access courses and assessed via an alternate assessment. See "Standard Diploma for Students with Disabilities served Through Access Points and Alternately Assessed" for additional information.

Students enrolled in 1Algebra I, 1Geometry, Algebra II, 1Biology, and/or 1United States History must take the respective EOC exam, and it will constitute 30% of the student's final grade. Special Note: Thirty percent not applicable if enrolled in Algebra I, Geometry, and/or Algebra II in the 2014-2015 school year.

- A student is exempt from Biology I or United States History assessment if enrolled in AP, IB, or AICE Biology I or United States History course and takes the respective AP, IB, or AICE assessment and earns the minimum score to earn college credit. Subject to change pending state legislation November 2016



Hillsborough County Public Schools GRADUATION REQUIREMENTS STUDENTS ENTERING 9 <sup>TH</sup> GRADE IN THE 2020-2021 SCHOOL YEAR		
	24 CREDIT PROGRAM STANDARD DIPLOMA	SCHOLAR DESIGNATION (In Addition to the 24 Credit Standard Diploma Requirements)
English	4 required English I, II, III, IV	
Mathematics	4 required Including 1Algebra I or its equivalent and 2Geometry I. Industry certifications that lead to college credit may substitute for up to two mathematics credits (except for Algebra I and Geometry).	1 credit in Algebra II must pass End of Course (EOC) exam 1 credit in Statistics or equally rigorous mathematics course Pass Geometry EOC
Science	3 required Including 1Biology I and two credits in equally rigorous science courses Two credits must have a laboratory component. _ An industry certification that leads to college credit substitutes for up to one science credit (except for Biology I). _ An identified rigorous Computer Science course with a related industry certification substitutes for up to one science credit (except for Biology I).	Pass Biology I EOC 1 credit in Chemistry or Physics 1 credit in a course equally rigorous to Chemistry or Physics
Social Studies	3 required World History, 4United States History, United States Government (.50 credit), and Economics with Financial Literacy (.50 credit)	Pass United States History EOC
Fine Arts	1 required In Fine or Performing Arts, Speech and Debate, or approved Practical Arts course	
Physical Education	1 required HOPE	
World Language	Not required for graduation, but at least two credits in the same language are required for admission into four year colleges and universities.	Two credits in the same world language
Electives	8 required Elective credit details for Bright Futures Scholarships, go to <a href="http://www.floridastudentfinancialaid.org">www.floridastudentfinancialaid.org</a> .	
Online/Virtual Course	At least one course within the 24 credits required must be completed through online learning.	
Minimum Graduation Credit Requirement	24 credits	24 Credits One credit must be in Advanced Placement, AICE, dual enrollment, or International Baccalaureate.
ACCEL OPTION (18 CREDIT)	Three elective credits instead of eight; Physical Education is not required; Online/Virtual Course not required. All other graduation requirements for a 24-credit standard diploma must be met (per Florida Statutes).	
Merit Designation	In addition to the 24 credit standard diploma requirements, students pursuing merit designation must attain one or more industry certifications from the state approved list.	
Seal of Biliteracy	The attainment of a high level of competency in listening, speaking, reading, and writing in one or more world languages in addition to English.	
Assessment	Must pass Florida Standards Assessment (FSA) Grade 10 English Language Arts (ELA) assessment (or earn concordant ACT or SAT score) and 1Algebra I EOC exam (or earn PERT comparative score).	
GPA	2.0 on a 4.0 scale (unweighted state GPA)	
GPA Bonus Points	.04 Points per .50 honors credit (final grade must be C or above) .08 Points for Dual Enrollment and AP per .50 credit (final grade must be C or above)	

**Graduation requirements for students with disabilities:** In addition to the 24-credit and the ACCEL 18-credit options above; there are two other standard diploma options available only to students with disabilities: academic and employment option and access points option. Both require the 24 credits listed in the chart and both allow students to substitute a career and technical (CTE) course with related content for one credit in ELA IV, mathematics, science, and social studies (excluding Algebra I, Geometry, Biology, and United States History). Students who choose the academic and employment option must earn at least .50 credit via paid employment (counts as .50 elective credit). Students with significant cognitive disabilities may earn credits via access courses and assessed via an alternate assessment. See "Standard Diploma for Students with Disabilities served Through Access Points and Alternately Assessed" for additional information.

Students enrolled in 1Algebra I, 1Geometry, Algebra II, 1Biology, and/or 1United States History must take the respective EOC exam, and it will constitute 30% of the student's final grade. Special Note: Thirty percent not applicable if enrolled in Algebra I, Geometry, and/or Algebra II in the 2014-2015 school year.

- A student is exempt from Biology I or United States History assessment if enrolled in AP, IB, or AICE Biology I or United States History course and takes the respective AP, IB, or AICE assessment and earns the minimum score to earn college credit. Subject to change pending state legislation November 2016

Hillsborough County Public Schools STANDARD DIPLOMA 24 CREDIT PROGRAM FOR STUDENTS WITH DISABILITIES SERVED THROUGH ACCESS POINTS	
GRADUATION REQUIREMENTS AVAILABLE ONLY FOR STUDENTS WITH DISABILITIES	
English	4 required Access English I, II, III, IV • An applied Career and Technical Education (CTE) course that has content related to English Language Arts may substitute for Access English IV.
Mathematics	4 required Including Access Algebra IA and Access Algebra IB or Access Algebra I, and Access Geometry • An applied CTE course that has content related to mathematics may substitute for one mathematics credit, with the exception of Access Algebra IA, Access Algebra IB, Access Algebra I and Access Geometry. Students may be eligible to waive the Access Algebra I End of Course (EOC) exam and the Access Geometry EOC.
Science	3 required Including Access Biology I • At least two courses must have a laboratory component. • An applied CTE course that has content related to science, and industry certification, or an identified computer science course with a related industry certification may substitute for up to one science credit, with the exception of Access of Biology I. Students may be eligible to waive the Access Biology EOC.
Social Studies	3 required Access World History, Access United States History, Access United States Government (.50 credit), and Access Economics with Financial Literacy (.50 credit) • An applied CTE course that has content related to social studies may substitute for up to one social studies credit with the exception of Access United States History. Students may be eligible to waive the Access United States History EOC.
Fine Arts	1 required In Fine or Performing Arts, Speech and Debate, or approved Practical Arts course
Physical Education	1 required Access HOPE
Electives	8 required
Online/Virtual Course	At least one course within the 24 credits required must be completed through online learning. Some online learning opportunities are available and additional opportunities through FLDOE are forthcoming. The IEP team can determine that an online course is not appropriate.
Minimum Graduation Credit Requirement	24 credits
Assessment	<ul style="list-style-type: none"> <li>A score of at least an achievement level 3 on the Florida Standards Alternate Assessment (FSAA) (FAA scores may be applicable) and the EOC for Access Algebra I, must be attained, unless assessment results are waived in accordance with Section 1008.22(3), F.S. and Section 1003.572, F.S.</li> <li>For students whose performance on standardized assessments are waived by the IEP team as approved by the parent, the development of a graduation portfolio of quantifiable evidence of achievement is required.</li> <li>The portfolio must include a listing of courses the student has taken, grades received, student work samples and other materials that demonstrate growth, improvement, and mastery of required course standards. Multi-media portfolios that contain electronic evidence of progress, including videos and audio recordings, are permissible. Community based instruction, MOCs, work experience, internships, community service, and postsecondary credit, if any, must be documented in the portfolio.</li> </ul>
GPA	2.0 on a 4.0 scale (unweighted state GPA)

End of Course (EOC) Exams for Access Courses will be administered during the 2015-2016 school year and thereafter. The Florida Standards Alternate Assessments will also be administered as appropriate.

- All other standard diploma options are available to Students with Disabilities.
- Available for all cohorts as of the 2014-2015 school year and thereafter as specified in State Board Rule.

July 2017

## DUAL ENROLLMENT- ON CAMPUS COURSE OFFERINGS:

**Dual Enrollment** is a program that allows high school students to earn credit toward a postsecondary diploma, certificate, or degree at a Florida public institution and toward a high school diploma. Students who successfully complete dual enrollment courses will save time toward their college degree and save money with free tuition and, if a public school student, free textbooks.

The following **Dual Enrollment** courses will be potentially offered on campus at Sickles High School through Hillsborough Community College during the school day or after school depending on enrollment requests. Students must have and maintain a 3.0 unweighted GPA to be eligible for Dual Enrollment. Some classes require college placement scores – see Prerequisite Requirements and the chart below to determine scores needed.

**Dual Enrollment** courses are weighted .08 higher than regular classes, and can improve a student's GPA and prepare students for college. The additional .08 will only be added to Dual Enrollment courses where the student received a final semester grade of a 'C' or higher. Since Dual Enrollment courses are college courses, they will be on student college transcripts.

**Dual Enrollment** courses are primarily 3 college credits, so they will only meet 3 days per week for one semester.

### College Placement Test Scores Requirement for Dual Enrollment:

- Be a high school student with a 3.0 cumulative unweighted GPA
- Achieve and provide official college placement scores not more than two years old
- **Note:** If you wish to take the PERT at an HCC campus, you must have a completed HCC application

PERT	SAT (prior to March 2016)	SAT (post March 2016)	ACT
Reading 106	Reading/Verbal 440	Reading 24.0	Reading 19
Writing 103	Not Applicable	Not Applicable	English 17
Math 114*	Math 440*	Math 24.0*	Math 19*
*MAC 1105 requires 123 for PERT, 510 for SAT (old), 27.0 for SAT (new), and 21 for ACT.			

#### BSC 2085 and 2086

##### Human Anatomy and Physiology 1 and 2

3 College Credits (1 HS Science Credit)

Grade 12

##### **Co-requisite: BSC 2085L**

Encompasses both anatomy and physiology; includes cell structure and function. Focuses on the study of human systems, particularly the integumentary, skeletal, muscular and nervous systems.

(Prerequisite requirements: College placement scores for reading, writing and math required. Successful completion of Anatomy Honors course in high school.)

#### BSC 2085L and 2086L

##### Human Anatomy and Physiology Lab

3 College Credit

Grade 12

##### **Co-requisite: BSC 2085**

(Prerequisite requirements: College placement scores for reading, writing and math are required. Successful completion of Anatomy Honors course in high school.)

**ENC 1101****English Composition I**

3 College Credits (1.0 HS English Credit – substitutes for English 4)

Grade 12

Focuses on the writing process of various expository methods with consideration of the writer's purpose, limitations of time, and audience. Students must write unified, coherent essays that include theses and introduction, body, and conclusion paragraphs. Students must demonstrate effective sentence structure, and observe conventions of standard English grammar and usage.

(Prerequisite requirements: 3.0 unweighted GPA, college placement scores for Reading and Writing)

**ENC 1102****English Composition II**

3 College Credits (1.0 HS English Credit – substitutes for English 4)

Grade 12 with qualifying ENC 1101 credit

A continuation of ENC 1101. Instruction is persuasive and literary based critical and evaluative skills in English composition. Documented research paper required.

(Prerequisite requirements: ENC 1101 or AP Language with a minimum grade of C, 3.0 unweighted GPA, college placement scores for Reading and Writing)

**SLS 1601 \*****First Year Experience (College Success)**

3 College Credits (.5 HS Elective Credit)

Grades 10 – 12

This interdisciplinary course empowers students by preparing them for a successful college experience and providing them with additional opportunities to develop intellectual potential and life skills. It enhances student understanding of library resources, student services, and other areas of academic support. Topics include goal assessment, time management, power reading, creative and critical thinking, test taking, memory note taking, and communication skill.

(Prerequisite requirements: 3.0 unweighted GPA)

*\*Course will be offered during the school day and after school depending on student enrollment and interest.*





## AP COURSE OFFERINGS

Parents and students wanting more details on topics covered in any Advanced Placement (AP) class should visit this website for complete descriptions: <http://apcentral.collegeboard.com/apc/public/courses/descriptions/index.html>. Advanced Placement classes are weighted .08 higher than regular classes, and can improve a student's GPA and prepare students for college. The additional .08 will only be added to AP courses where the students received a final semester grade of a "C" or higher.

There is a considerable amount of study time involved in Advanced Placement classes, and students should be sure that they are willing to commit to extra time to complete reading and assignments. Students can earn early college credit for scores of 3 or higher on Advanced Placement exams. The individual college or university determines how many, or if, any credits will be granted for the AP exam score. Please contact the individual college or university to see if your AP score will be granted college credit. **All students taking Advanced Placement classes will be REQUIRED to take the national Advanced Placement exam for that class. There is no cost; however, students who skip the exam will be charged \$93 for each exam. The AP Capstone exam fee is \$141 per exam for AP Seminar and AP Research.**

Students who choose to enroll in these challenging Advanced Placement college courses will not be removed from these courses once the school year begins. Because of this, AP students should discuss whether or not these courses are appropriate for them with their current teachers, their parents and their counselors during programming.

## AP CAPSTONE

AP Capstone is an innovative diploma program created by College Board to equip students with the independent research and communication skills that are valued by colleges. AP Capstone is built on the foundation of two AP courses: AP Seminar and AP Research.

### AP SEMINAR

1 credit  
Grades 10-11

In AP Seminar, students will investigate real world issues from multiple perspectives, gathering and analyzing information from various sources in order to develop credible and valid evidence-based arguments. AP Seminar will include a group project and presentation, an individual research project and presentation, and a final examination.

### AP RESEARCH

1 credit  
Grades 11-12

*Prerequisite: AP Seminar*

In AP Research, students develop the skills and discipline necessary to conduct independent research to produce and defend a scholarly academic thesis. This second course in the AP Capstone experience allows students to explore deeply an academic topic, problem, or issue of individual interest and through this inquiry, students design, plan, and conduct a year-long mentored, research-based investigation. The course culminates in an academic thesis paper of approximately 5,000 words and a presentation, performance, or exhibition with an oral defense.

## RESOURCE – for Students with 3+ AP or DE classes

1 credit  
Grades 9-12

Students who take 3 or more AP classes are invited to take the research elective that provides one class period to receive support and time to work on rigorous assignments. This class does not receive any honors or AP points. Students are required to serve as a tutor for math and/or reading courses one day per week.

## ART

### AP PORTFOLIO (Drawing, 2D Design, 3D Design)

1 credit  
Grades 10-12

*Prerequisite: 2 D Studio Art or Paining course and Teacher Approval.*

*This course satisfies the Fine Arts graduation requirement.*

This art course is the most advanced studio class a student can take at the high school level. Students will work on a rigorous schedule to help them complete in-class assignments as well as out of class assignments. Students will be required to complete an extensive portfolio of work to turn in to the College Board for possible college credit. Advanced Drawing and Design Principles will be covered throughout the year. Lab fees required. \*Bring in a mini-portfolio of work with at least 3 quality pieces of recent artwork to the Art Department for review to be considered for this demanding college-level course. Regularly scheduled field trips!

## COMPUTER SCIENCE

### AP COMPUTER SCIENCE A

1 credit  
Grades 11-12

*Prerequisite: A or B in Algebra 2 Honors or Pre-Calculus or Java Essentials and Teacher Approval*

This course is designed for college-bound students who are interested in learning to program and understand the fundamental concepts of computer science. The course will introduce the Java language. Major topics will include knowledge of computer systems, variables, expressions, input-output, loops, object-oriented programming, arrays, parameters, simple recursion, searching, sorting, and strings. The ultimate goal of this course is to help prepare students for the Advanced Placement Computer Science A exam. Access to a computer at home is a requirement.

**AP COMPUTER SCIENCE PRINCIPLES**1 credit  
Grades 11-12

AP Computer Science Principles introduces students to the central ideas of computer science, inviting students to develop the computational thinking vital for success across multiple disciplines. The course is unique in its focus on fostering students to be creative and encouraging students to apply creative processes when developing computational artifacts. Students design and implement innovative solutions using an iterative process similar to what artists, writers, computer scientists, and engineers use to bring ideas to life.

**ENGLISH****AP LANGUAGE & COMPOSITION (AP English 3)**1 credit  
Grade 11-12

*Prerequisite: Teacher Recommendation and "B" in English Honors 2*

This course involves students in the study and practice of writing and in the study of language. Students learn to apply their knowledge of the techniques of language in both speaking and writing activities. Students will develop critical standards for identifying the components of good writing. All students enrolled in the course are required to take the semester I exam and the AP Language Arts exam in May.

**AP ENGLISH: LITERATURE AND COMPOSITION (AP English 4)**1 credit  
Grade 12

*Prerequisite: Teacher Recommendation; "B" in English III Honors or AP English Language*

This course involves students in the study and practice of analysis in writing and literature. Students learn to use the modes of discourse and to recognize the assumptions underlying various rhetorical strategies. Students acquire an understanding of the resources of the language and of the writer's craft. They develop critical standards for the appreciation of any literary work and increase their sensitivity to literature as shared experience. All students enrolled in this course are required to take the semester I exam and the AP Literature exam in May.

**MATHEMATICS****AP PRE-CALCULUS**1 credit  
Grades 11-12

*Prerequisite: Algebra 2 Honors with a "B" or better*

The purpose of this course is to study mathematics using functions as a unifying theme. Content shall include polynomial and rational functions, statistical and probability functions, exponential and logarithmic functions, and trigonometric and circular functions. A graphing calculator is a requirement of this course. This course is a prerequisite for Calculus AB/BC

**AP CALCULUS AB**1 credit  
Grades 11-12

*Prerequisite: Pre-Calculus with a "C" or better, and Teacher Approval*

The purpose of this course is to provide study of elementary functions and the general theory and techniques of Calculus. It is required that the student take the Advanced Placement examination in Calculus AB. A graphing calculator is required for this course.

**AP CALCULUS BC**1 credit  
Grades 11-12

*Prerequisite: Pre-Calculus with a "B" or better, and Teacher Approval. Co-Requisite: AP Calculus Research*

The purpose of this course is to provide an extensive study of the general theory and techniques of calculus. It is required that the student takes the Advanced Placement examination for Calculus AB or BC. A graphing calculator is required for this course.

**AP STATISTICS**1 credit  
Grades 10-12

*Co-requisite: Algebra 2 Honors with a "C" or better and Teacher Approval*

The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, evaluating, and drawing conclusions from data. Topics include exploratory analysis, planning a study, anticipating pattern, and statistical inference. It is required that students take the Advanced Placement examination in Statistics. A graphing calculator is required for this course.

**MUSIC****AP MUSIC THEORY**1 credit  
Grade 9-12

*Co-requisite: Enrollment in a music class and Teacher Approval*

This course is designed to create an advanced learning environment which students will learn how to read music and develop the ability to recognize and understand basic materials and processes in music via listening comprehension or a written score.

**SCIENCE****AP BIOLOGY**1 credit  
Grades 11-12

*Prerequisite: Biology Honors with an "A" for both semesters. Chemistry Honors with an A or B and teacher approval.*

The purpose of this course is to provide a college level course in the biological sciences and to prepare the student to seek credit and/or appropriate placement in college biology courses. The content will include molecular and cellular biology, heredity and evolution, organism biology, and population biology. Specific hands-on, quantitative laboratory activities are course requirements including biotechnology. Students are required to take the AP examination. Up to eight college credits can be earned.

**AP ENVIRONMENTAL SCIENCE/AP BIOLOGY COHORT**1 Credit Each  
Grade 9 & 10*Prerequisite – Level 5 FSA 8<sup>th</sup> Grade Science Score**Co-requisite – AP Human & Research Study Hall (optional)*

Students that meet the prerequisite and are interested in a career in Science can enroll in AP Environmental Science in 9th grade in lieu of Biology. Students will be given the option to take the Research Study Hall period to collaborate with peers on coursework. Upon successful completion, students will enroll in AP Biology for 10th grade to satisfy the Biology graduation requirement.

AP Environmental Science content will include current and historic environmental issues such as energy, water, food, air, waste, biodiversity, and human's impact on the ecosystem. The purpose of this course is to provide students with a college level course in environmental science.

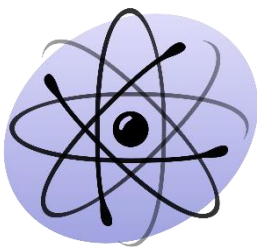
**AP CHEMISTRY**2 credits  
Grades 11-12*Prerequisite: Chemistry Honors with a B or higher and Teacher Approval.**Co-Requisite: Trigonometry, Pre-Calculus, or AP Calculus*

***This course will be scheduled as a two period block. Classes will be AP Chemistry and Chemistry Honors 2.***

The purpose of this course is to provide a college level course in chemistry and to prepare the student to seek credit and/or appropriate placement in college chemistry courses. The content will include structure of matter, bonding and phases, chemical reactions, thermodynamics and kinetics. All students enrolled in Advanced Placement Chemistry are required to take the national Advanced Placement Chemistry examination. This course prepares students for success in college chemistry courses and teaches basic college survival skills. Up to eight college credits can be earned.

**AP PHYSICS 1**1 credit  
Grade 11*Pre-Requisite: Algebra 2 Honors with an A; teacher approval**Co-requisite: Analysis of Functions, Pre-calculus, or Calculus.*

This course is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It will also introduce electric circuits. *Student who earned credit in Physics Honors are not eligible for this course.*

**AP PHYSICS C - ELECTRICITY AND MAGNETISM**1 credit  
Grade: 12*Prerequisite: Physics Honors or higher with an A and teacher approval. Co-requisite: Calculus*

This course is a one-semester, calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. Introductory differential and integral calculus is used throughout the course.

**AP PHYSICS C – MECHANICS**1 credit  
Grades: 11-12*Pre-Requisite: Physics Honors, Precalculus or Calculus with an A; teacher approval*

This course provides a systematic introduction to the main principles of physics at the freshman college level, and follows Physics C format which provides a systematic introduction to the main principles of Physics and emphasizes the development of problem solving ability. Strong emphasis is placed on solving a variety of challenging problems, with fundamental calculus use being introduced. The subject matter covers Linear and Rotational Mechanics, as well as Conservation Principles, with equal emphasis on these three areas. The laboratory components of the course offer many experiences dealing with advanced topics and skills while using both simple and sophisticated equipment.

**AP ENVIRONMENTAL SCIENCE**1 credit  
Grades 10-12*Recommendation: A or B in Biology Honors and a level 3 or higher on the Biology EOC.*

This course is one of the few AP courses available to all grades 10-12. For sophomores it is a great introduction to an AP science course and will prepare students for the other AP science courses offered here at Sickles. It is a great course for juniors and seniors who are heading towards a STEM career and also for those who are not. Here at Sickles we have had a phenomenal success rate in this course with the average pass rate on the national exam over the past seven years being 74%. The purpose of this course is to provide students with a college level course in environmental science and to prepare the student to seek credit and/or appropriate placement in a college science program. The content will include but not be limited to current and historic environmental issues such as energy, water, food, air, waste, biodiversity, and human's impact on the ecosystem. Specific laboratory activities are course requirements. All students enrolled in AP Environmental Science are required to that the National AP Environmental Science exam for that year.

## SOCIAL STUDIES

### AP WORLD HISTORY

1 credit  
Grade 10

*Co-requisite: English Honors*

*Prerequisites: AP Human Geography and Teacher recommendation*

This class meets World History requirement for graduation. **This class is taught at the college level.** Pretend that you are Indiana Jones! Visit different places all over the world and investigate the mysteries of ancient and modern civilizations. Take Advanced Placement (A.P.) World History! A.P. World History is a college-level course offered through the College Board's Advanced Placement Program. It is designed to help students develop a greater understanding of different societies, civilizations and cultures and the contacts that occurred between them. This course is truly a world history course in the sense that it provides an in-depth historical coverage of East-Asian, South-Asian and Middle Eastern civilizations as well as an exposure to Western and Latin American civilizations. The chronological time frame is from 8000 BCE to the present. College Reading and Writing will be required.

### AP UNITED STATES HISTORY

1 credit  
Grade 11

*Prerequisites: World History Honors or AP World and Teacher Recommendation*

*Co-requisite: English 3 Honors or higher*

*Meets US History requirement for graduation.*

The purpose of Advanced Placement American History is to provide students with the opportunity to develop the analytic skills and tactical knowledge necessary to deal critically with the problems, content, and materials of American historic development. This is done by focusing on persistent themes and change in history and by applying historical reasoning to seek solutions to contemporary problems. The class is taught at a college level.

### AP EUROPEAN HISTORY

1 credit  
Grade 11-12

*Co-Requisite English Honors or Higher*

*Prerequisite: AP World History and AP US History and Teacher Recommendation*

Want to know how Europe became a key player in the politics of the world today? Have we got a class for you! In this course students will trace the development of Europe from the origins of the European State Systems to the nations today. This class is taught at the college level. College reading and writing will be required.



### AP PSYCHOLOGY

1 credit  
Grades 10-12

*Prerequisite: World History Honors and Teacher Recommendation; Grade 10 – AP Human Geography or Co-enrolled in AP World History*

The purpose of the Advanced Placement course in Psychology is to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principals, and phenomena associated with each of the major subfields within psychology. They also learn about the methods psychologists use in their science and practice. Students are required to take the national Advanced Placement Psychology examination. Students in AP Psychology are most successful when they possess strong reading skills, time management skills, and a well-defined work ethic"

### AP MACROECONOMICS/MICROECONOMICS

1 credit  
Grades 11-12

*Prerequisite: US History Honors or AP, Teacher Approval; Meets economics requirements for graduation*

These classes are designed to provide students with a complete understanding of how economies work, both at a macro and micro level. The classes will begin with basic economic concepts before exploring both the macro and microeconomic aspects. Within the macroeconomic half of the class, students will cover a wide variety of topics dealing with ways to measure an economies' performance to understanding the role of unemployment, prices and economic growth. The microeconomic half of the class will focus in on the economy at an individual basis. Students will be able to explain the working of supply and demand, the role of factor and product markets and the role of other factors that control our economies. Upon completion of these courses, students will take the AP exams and have the potential to earn six college credits

### AP HUMAN GEOGRAPHY

1 credit  
Grades 9-11

*Prerequisite: Teacher Recommendation*

*Co-Requisite: English Honors*

The focus of AP Human Geography is on more than physical geography; this course investigates how the geography of the earth affects human settlement and how human activities change our world. We will explore a number of topics including population, culture, economic land use, urbanization, and globalization. The course is an excellent way to earn college credit and will take what you have learned in previous social studies classes and apply it to the world you live in. You will leave this class with a new appreciation of the world and a "geographic imagination". Anthropology or Sociology is an excellent supplement to the class



**AP US GOVERNMENT**

1/2 credit  
Grade 11-12

*Co-Requisite English Honors or Higher*

*Prerequisite: American History Honors, with a "B" or better or previous AP course, and Teacher recommendation*

Interested in politics? Want to know what rights you really have?

This year long course offers students the ability to explore the varying types of governments around the world as well as take an in depth look at the government structure of the US. To become more informed citizens, students will participate in activities to develop an understanding of how political beliefs are formed, the role media plays in politics and the role of politics in government. Upon completion of this course, students will take the AP exam and have the potential to earn 6 college credits.

**WORLD LANGUAGE****AP SPANISH LANGUAGE**

1 credit  
Grades 10-12

*Prerequisite: Spanish 4 Honors and teacher approval*

The purpose of this course is to develop oral and written fluency in the language. Students are required to take the Advanced Placement examination.

**AP FRENCH LANGUAGE AND CULTURE**

1 credit  
Grades 11-12

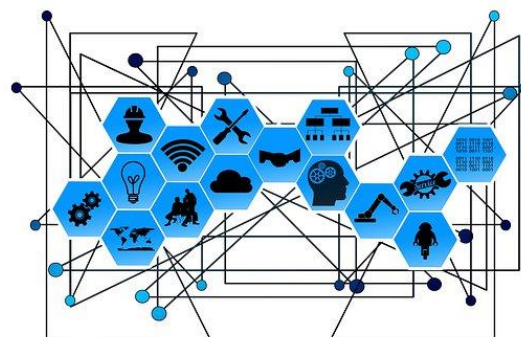
AP French Language and Culture is equivalent to an intermediate level college course in French. Students apply interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and community, personal and public identity, beauty and aesthetics, science and technology, contemporary life, and global challenges.



## INDUSTRY CERTIFICATIONS

## What are Industry Certifications?

Industry certifications are evidence that a student has learned a valuable skillset. They are awarded to students who pass a national exam after studying the content in their high school Career and Technical (CTE) class. The exams for all industry certifications taken at Sickles High School are **offered at no cost** to the student.



## How does an industry certification benefit students?



Industry certifications are recognized nationally in the business world. They show that students have mastered the skills and knowledge in a specialized area. This makes students more marketable in the competitive workforce. This could be the difference in an employer choosing our certified students for jobs over their non-certified counterparts.

Additionally, some certifications will earn students free college credits. The program, called “Gold Standard Career Pathways,” awards credits for students who continue in the same program for their Associates degree.

Available to students attending Florida's two-year State College system (formerly called "community colleges"), some degrees will accept certification towards college graduation. For students, this means a jump on earning their degree and saving some money.

## How can students obtain industry certification?

Students obtain industry certification by passing specific industry exams. Students have to be enrolled in the correct level and meet other requirements to be permitted to take the exam.

The following list of industry certifications are offered at Sickles High School:



<b>Sickles Course</b>	<b>Available Industry Certification</b>
<b>3D Animation Technology</b>	<b>Adobe Illustrator</b>
<b>Animal Sciences 2, 3, 4</b>	<b>Animal Science Certification</b>
<b>AgriScience Foundations</b>	<b>Agriculture Associate</b>
<b>Carpentry 2, 3</b>	<b>NCCER</b>
<b>Culinary 2, 3</b>	<b>ServeSafe</b>
<b>Culinary 3, 4</b>	<b>ProStart</b>
<b>Customer Service Representative</b>	<b>Social Media Strategist</b>
<b>Customer Service Representative</b>	<b>Entrepreneurship and Small Business</b>
<b>Digital Information Technology</b>	<b>Microsoft Office Specialist (MOS) **</b>
<b>Digital Information Technology</b>	<b>ITS Window Operating Systems **</b>
<b>Drafting 2, 3</b>	<b>AutoDesk AutoCAD</b>
<b>Drafting 3, 4</b>	<b>AutoDesk Revit</b>
<b>Early Childhood Education 3</b>	<b>Early Childhood Professional Cert (ECPC)</b>
<b>Early Childhood Education 4</b>	<b>Child Development Associate (CDA)</b>
<b>Foundations of Web Design</b>	<b>Adobe Dreamweaver</b>
<b>Foundations of Web Design</b>	<b>ITS HTML and CSS **</b>
<b>TV Production</b>	<b>Adobe Premier Pro</b>
<b>User Interface Design (Web 2)</b>	<b>Adobe Animate</b>

Students who earn an IT-related industry certification will automatically achieve the Online Course Graduation Requirement.

**\*\* industry certifications which satisfy the Online Course Graduation Requirement**

## ***Traditional Class Offerings***

### **AGRICULTURE AND ANIMAL SCIENCES**

Why Select the Agriculture and Animal Science Program? The courses in this program provide students with hands-on learning opportunities through a wide variety of specializations in the animal and agriculture industries. Students will be provided the opportunities to work with cattle, pigs, goats, sheep, and poultry. Students will learn how to handle livestock, give injections, how to suture wounds, and more! The agriculture program provides students the opportunity to join FFA and potentially own their own livestock! All the courses in the Agriculture and Animal Sciences provide students with unique opportunities to create projects, gain industry connections and prepare for future college or career plans. The "Gold Seal CAPE" Scholarship Program provides scholarship opportunities for students that become program completers and earn an industry certification (Agriculture Associate and Animal Science).

#### **AGRISCIENCE FOUNDATIONS 1**

1 credit  
Grades 9-12

*This is an Honors course.*

Do you like animals and want to work with cows and pigs? Do you want to learn how to give injections and learn about animal diseases and nutrition? Do you like plants, and want to learn how to successfully grow your own garden? Do you want to learn how to use tools and drive tractors? Then this is the class for you!!!! This course is designed to develop hands-on competencies in the areas of agricultural history; principles of animal science; global importance of agriculture; career opportunities; ecosystems; principles of pest management; and horticulture (plants). Agricultural mechanic shop and outside land lab (farm) experiences are incorporated into this course. In combination with the program, FFA is a student organization that is an integral part of the course and offers students the opportunity to participate in numerous events and competitions at a local and national level that supplement the learning in the classroom.

#### **ANIMAL SCIENCE AND SERVICES 2**

1 credit  
Grades 9-12

*Prerequisite: May be taken after or in conjunction with Agriscience Foundations.*

This course focuses solely on livestock! We will spend the year learning how to watch and evaluate animal movement, then correlate it to animal behavior and handling. This course is designed to develop hands-on competencies in the areas of animal behavior; animal breeds; animal anatomy and physiology, animal handling and management systems; animal welfare and legislation; animal control; and employability skills. Students will have the opportunity to achieve an industry certification for Animal Sciences Certification. Agricultural mechanic shop and outside land lab (farm) experiences are incorporated into this course. In combination with the program, FFA is a student organization that is an integral part of the course and offers students the opportunity to participate in numerous events and competitions at a local and national level that supplement the learning in the classroom.

#### **ANIMAL SCIENCE AND SERVICES 3**

1 credit  
Grades 10-12

*Prerequisite: May be taken after or in conjunction with Agriscience Foundations and Animal Sciences and Services 2.*

This course is designed to develop competencies in animal digestive systems; animal breeding; preventive medicine and disease control; control of parasites; animal marketing; and analyzing records.

#### **ANIMAL SCIENCE AND SERVICES 4**

1 credit  
Grades 10-12

*Prerequisite: May be taken after or in conjunction with Animal Sciences and Services 3*

This course is designed to develop competencies in the areas of nutrition; grooming, exhibiting and marketing animals; operation, maintenance, and repair of equipment.

#### **AGRICULTURE COMMUNICATIONS**

1 credit  
Grades 11-12

This course is designed to develop competencies in the communications sector of the agricultural industry including instruction in developing and editing materials for printed media and media broadcast, utilizing photography and graphics, the importance of the internet in communications, writing technical papers and media scripts and ethical and professional issues in the industry.





## AIR FORCE JROTC

### AIR FORCE JROTC I (A Journey into Aviation History, 1800300)

1 credit  
Grade 9-12  
Fee: \$20.00

*Prerequisite: None; however, students must comply with United States Air Force grooming standards.*

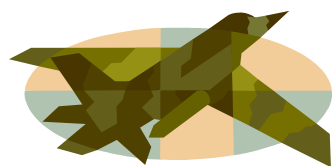
This is the recommended first AS component for all new cadets. It includes both an Aerospace Science (AS) and a Leadership Education (LE) component. The AS-I component includes the history of aviation focusing on the development of flight from ancient times through the centuries up until modern day. Emphasis is on civilian and military contributions to aviation, the development, modernization, and transformation of the Air Force. The LE-I portion introduces cadets to the Air Force Junior Reserve Officer Training Corps (AFJROTC), providing a basis for progression through the rest of the AFJROTC program while instilling elements of good citizenship. It contains sections on cadet and Air Force organizational structure, uniform wear, customs and courtesies, drill and ceremony, other military traditions, health and wellness, fitness, individual self-control, and citizenship. To progress to the next level, cadets must earn a grade of B in this course.

### AIR FORCE JROTC II (Science of Flight, 1800310)

1 credit  
Grades 10-12  
Fee \$20.00

*Prerequisite: Aerospace Science I with a minimum grade of B- Requires approval of the Senior Aerospace Instructor.*

AS-II is for second-year students. This course is for the second year student and is a science course designed to acquaint the student with the aerospace environment, the human requirements of flight, principles of aircraft flight, and principles of navigation. LE-II stresses communication skills and cadet corps activities. Much information is provided on communicating effectively, understanding groups and teams, preparing for leadership, solving conflicts and problems, and personal development. Cadet corps activities include holding positions of greater responsibility in the planning and execution of corps projects. Wellness from Air Force JROTC I continues throughout this course. To progress to the next level, cadets must earn a grade of B in this course.



### AIR FORCE JROTC III (Cultural Studies, 1800320)

1 credit  
Grade 9-12  
Fee: \$20.00

*Prerequisite: Aerospace Science I with a minimum grade of B - Requires approval of the Senior Aerospace Instructor.*

The preferred AS component for third-year students is a multidisciplinary course that introduces students to various regions of the world from a geographic, historical and cultural perspective. The course provides increased international awareness and insight into foreign affairs that permits a more educated understanding of other cultures and enhanced knowledge of America's interests and role in the world. LE-III gives cadets information on how to apply for admission to college or a vocational/technical school as well as information on how to begin the job search for students deciding not to go to college or vocational school. Also available is information about financial planning, resume writing and the importance of good interviewing skills. Information in a career in the military, with the federal government, or the aerospace industry, is also provided. Wellness from Air Force JROTC I continues throughout this course. To progress to the next level, cadets must earn a grade of B in this course.

### AIR FORCE JROTC IV (MANAGEMENT OF THE CADET CORPS, 1800330)

1 credit  
Grade 11-12  
Fee \$20.00

*Prerequisite: Aerospace Science I with a minimum grade of B - Students will be selected by the AFJROTC instructors for this course*

The AS-IV portion of the class requires upper class cadets manage the entire corps under AFJROTC instructor supervision. This course is an AS option and practicum for those cadets to provide hands-on experience for the opportunity to put the theories of previous leadership courses into practice. All the planning, organizing, coordinating, directing, controlling, and decision-making will be done by the cadets, under the supervision of AFJROTC instructors. They practice their communication, decision-making, personal-interaction, managerial, and organizational skills. Wellness from Air Force JROTC I continues throughout this course.

### AIR FORCE JROTC IV (Advanced Aerospace Science, 1800340)

1 credit  
Grade 11-12  
Fee \$20.00

*Prerequisite: Aerospace Science I - Requires approval of the Senior Aerospace Instructor.*

*This is an honors course.*

This course provides exposure to the fundamentals of management. The text contains many leadership topics that will benefit students as well as provide them with some of the necessary skills needed to put into practice what they have learned during their time in AFJROTC. Throughout the text are many ethical dilemmas, case studies, and role play activities built into the lessons. These activities are based on real life experiences and will allow students the opportunity to practice what they learn by getting involved in discussions and expressing their opinions. Wellness from Air Force JROTC I continues throughout this course.

## ART

*All courses in this section satisfy the Fine Arts graduation requirement.*

### 2-D STUDIO ART 1

1 credit  
Grades 10-12

Advanced Drawing, paint, watercolor, collaging, printmaking, and design... The purpose of this course is to introduce students to the advanced understanding of artistic expression and to develop an eye for design. Students will create unique design ideas through a variety of art techniques and mediums. They will analyze art and design, then plan and produce original works of art. They will gain an understanding of rigorous conceptual composition, art history, and the importance of the design elements and principles of visual art. Regularly scheduled field trips!

### 2-D STUDIO ART 2

1 credit  
Grades 10-12

*Prerequisite 2-D Studio 1 or other 2-D Art courses (Drawing, Creating 2-D, Painting)*

This course satisfies the Fine Arts graduation requirement. Conceptual Drawing, painting, watercolor, collaging, printmaking, and design. The purpose of this course is to continue the advanced understanding of artistic expression and to develop an eye for design. Students will create unique conceptual advanced design ideas through a variety of art techniques and mediums. They will analyze art and design, then plan and produce original works of art. They will gain an understanding of rigorous conceptual composition, art history, and the importance of the design elements and principles of visual art. Regularly scheduled field trips!

### BASIC DRAWING 1

1/2 credit  
Grades 9-12

Students experiment with the media and introductory techniques used to create a variety of two-dimensional (2-D) artworks through the development of skills in drawing. Students practice, sketch, and manipulate the structural elements of art to improve mark making and/or the organizational principles of design in a composition from observation, research, and/or imagination. Through the critique process, students evaluate and respond to their own work and that of their peers. This course incorporates demonstrations/hands-on activities and consumption of art materials. **Students must bring drawing materials to class every day.** Student are required to have access to a spiral bound sketch book.

### CERAMICS/POTTERY 1

1 credit  
Grades 9-12

Students explore how to create aesthetic forms and structures out of clay. Instructional focus will be on the basic, hand-building methods, glazing, pouring molds, and some use of the pottery wheel. Students in the ceramics/pottery art studio focus on the use of safety procedures for process, media, and techniques. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works. This course incorporates hand-on activities and consumption of art materials. *A studio fee is required.*

### CERAMICS & POTTERY 2

1 Credit  
Grades 10-12

*Prerequisite – Ceramics & Pottery 1*

*This course satisfies the Fine Arts graduation requirement.*

Students explore spatial relationships through the use of nonobjective, abstract, or representational forms, products, or structures. Instructional focus should be on ceramics and/or pottery. Processes and techniques for substitution may include wheel-thrown clay, glaze formulation and application.

### CERAMICS/ POTTERY 3

1 Credit  
Grades 11-12

*Prerequisite – Ceramics & Pottery 1 & 2 & must have teacher approval*

This course satisfies the Fine Arts graduation requirement. Students explore Conceptual and advanced spatial relationships through the use of nonobjective, abstract, or representational forms, products, or structures. Instructional focus should be on ceramics and/or pottery. Processes and techniques includes extensive wheel-thrown clay vessels, glaze formulation and application. **Regularly scheduled field trips!**

### CREATING 2D DESIGN 1

½ Credit  
Grades 9-12

*This course satisfies the Fine Arts graduation requirement.*

Students investigate a wide range of media and techniques as they engage in the art-making processes of creating two-dimensional works, which may include drawing, painting, printmaking, and/or collage. This course incorporates hands-on activities.

### CREATIVE PHOTOGRAPHY 1

1 credit  
Grades 9-12

**Access to a digital camera is required.**

The Creative Photography course is year-long course for students interested in photography, graphic design, and advertising. Students will use programs such as Adobe Photoshop. This course covers basic concepts and practice of photography, including understanding and use of the camera, lenses, and other basic photographic equipment. The course will address aesthetic principles as they relate to composition, space, exposure, light and color. Students will explore the fundamental concepts, terminology, techniques, and applications of digital photographic imaging to create original work. Students produce digital still images through the single or combined use of computers, digital cameras, scanners, photo editing software, and emerging technologies. **Students must have a digital camera. A "Point and Shoot" is fine or a Digital SLR or a good cell phone camera .**

**PAINTING 1**1 credit  
Grades 10-12

The purpose of this course is to introduce students to develop an understanding of various sketching and painting techniques. Students will be given the opportunity to explore painting with watercolors, tempera, and acrylics. This course incorporates hands-on activities and consumption of art materials. Students will create a variety of individual and collaborative works of art through the development of skills in painting. They will gain an understanding of composition, art history, and the importance of the elements and principles of art. A *studio fee is required*.

support, extend, and assess learning in the classroom.

**SCULPTURE 1**1 Credit  
Grades 9-12

This course satisfies the Fine Arts graduation requirement. Instructional focus should be on various **Three-dimensional media** such as: Paper, Cardboard, Wire, Wood, and Ceramics and/or pottery to name a few. Processes and techniques include extensive additive and subtractive sculpture techniques with various materials to create **3-D sculptural forms**. Students explore Conceptual and advanced spatial relationships through the use of nonobjective, abstract, or representational forms, products, or structures. **Regularly scheduled field trips!**

**AVID****AVID** (Advancement Via Individual Determination)1credit  
Grades 9-12*Prerequisite: Application and Interview required*

AVID is an academic elective course that provides extra support for students who are enrolled in Honors and Advanced Placement classes and for students who meet the criteria for participation in the AVID program. The purpose of the course is to learn organizational and study skills, to work on critical thinking and inquiry, to get academic help from peers and college tutors, and to participate in enrichment and motivational activities that make college seem attainable. The AVID curriculum is driven by the WICOR method, which stands for writing, inquiry, collaboration, organization, and reading. This class is solely for students who have the desire to go to college and the willingness and motivation to work hard. Students also participate in tutorial sessions and take focused notes for all classes. Students benefit from the family atmosphere created by having classes with teachers who are trained in AVID strategies and students who have similar rigorous coursework. Students are able to receive Honors points for AVID in the 11<sup>th</sup> and 12<sup>th</sup> grade.

**BUSINESS TECHNOLOGY**

**Complete a program below and be eligible for the Gold Seal Scholarship!**

**3-D Animation**

- 3-D Animation 1
- 3-D Animation 2
- 3-D Animation 3

**Customer Service Representative**

- Customer Service Representative 1
- Customer Service Representative 2
- Customer Service Representative 3

**Web Development**

- Digital Information Technology (DIT)
- Foundations of Web Design
- User Interface Design (Web Design 2)

**3D ANIMATION TECHNOLOGY**1 credit  
Grade 9 -12

This course focuses on the history of 3-D animation, the production process, intellectual property rights, computer skills and animation development.

**CDE ON THE JOB TRAINING (OJT)**Multiple credits  
Grades 11-12

*Co-requisite: Have been or are currently enrolled in a CTE course* Cooperative Diversified Education (CDE) gives the student an opportunity to gain professional job experience related to a career goal. The purpose of this course is to provide on-the-job training through an elective class that permits a student to be released from the high school campus to work part-time in a job. The student must be compensated for work performed. Students may earn multiple credits in this course. Students must have transportation in order to leave campus early.

**CUSTOMER SERVICE REPRESENTATIVE 1**1 credit  
Grade 9 -12

This course is designed to assist with administrative and general office duties in a support capacity for faculty and staff. The training is provided by integrated classroom instruction and practical applications. The course explores the core competencies in the areas of personal and professional development, work attitudes, general employability skills, technical skills, and communications skills through the use of technology. Discipline history will be reviewed prior to placement in program. Students will have the opportunity to achieve industry certification for Social Media Strategist.

**CUSTOMER SERVICE REPRESENTATIVE 2**1 credit  
Grades 10-12*Prerequisite: Customer Service Representative 1*

This course explores and expands on the competencies learned in Customer Service Representative 1. The students in the course will continue to work in a support capacity with administrative and general office duties. Discipline history will be reviewed prior to placement in program. Students will have the opportunity to achieve an industry certification for Social Media Strategist.

**CUSTOMER SERVICE REPRESENTATIVE 3**1 credit  
Grades 11-12*Prerequisite: Customer Service Representative 2*

This course explores and expands on the competencies learned in Customer Service Representative 2. The students in the course will continue to work in a support capacity with administrative and general office duties. Discipline history will be reviewed prior to placement in program. Students will have the opportunity to achieve an industry certification.

**CYBERSECURITY ESSENTIALS**1 credit  
Grades 10-12*Prerequisite: Web Design or Computer Science, Teacher Approval*

This course introduces students to cybersecurity and provides them with essential computer and networking knowledge and skills, particularly those related to cybersecurity. Learners will explore the many variations of vulnerabilities, attack mechanisms, intrusion detection systems, and some methods to mitigate cybersecurity risks, including certificate services and cryptographic systems

**DIGITAL INFORMATION TECHNOLOGY**1 credit  
Grades 9-12*This course satisfies the Fine Arts graduation requirement.*

This is an excellent computer course that will assist students with their coursework through-out high school and college. Students will become proficient in keyboarding skills and Microsoft Office (Word, Excel, Access and PowerPoint). Students will learn how to correctly format research papers and outlines, prepare professional PowerPoint presentations, and design graphs and charts for their school projects. Additionally, students will learn to create resumes for the work force and college applications. Students will have the opportunity to achieve industry certification in Microsoft Technology Associate – Windows Operating Systems.

**FOUNDATIONS OF WEB DESIGN**1 credit  
Grades 9-12*This is an honors course.**This course satisfies the Fine Arts graduation requirement.*

In this class students learn how to hard code HTML web pages which include tables, forms, multimedia and Cascading Style Sheets (CSS). The students will also be introduced to editing graphics and creating animations. In the second semester, students will learn Adobe Dreamweaver and will have the opportunity to obtain industry certification in Adobe Dreamweaver. This class does not require prior HTML experience.

**JAVA PROGRAMMING ESSENTIALS**1 credit  
Grades 10-12*This is an Honors course.*

This course provides foundational skills in computer science and computer programming concepts specific to the Java programming language. Students will learn to construct statements in Java syntax and apply common Java programming style guidelines and conventions. This course is recommended as a preparation for the AP Computer Science A course.

**EMERGING TECHNOLOGY IN BUSINESS**1/2 credit  
Grades 9-12

This course will focus on career explorations and labor market trends, ethical considerations related to technology, and emerging technologies affecting business environments. Students will be able to participate in interest and personality inventories. Students will be able to use those results in their career research project and presentation. Effective and efficient use of Microsoft Word and PowerPoint and an introduction to Mix and Sway will also be an instructional focus.

**ENGLISH AND LANGUAGE ARTS****CREATIVE WRITING 1**1/2 credit  
Grades 9-12

This course develops students' writing and language skills needed for individual expression in literary forms. The content includes instruction in the development and practice of a variety of writing genres like poetry, short stories, and plays.

**CREATIVE WRITING 2**1/2 credit  
Grades 9-12

This course further develops students' writing and language skills needed for individual expression in literary forms. The content includes instruction in the development and practice of a variety of writing genres like poetry, short stories, and plays.

**CREATIVE WRITING 3 HONORS**1 credit  
Grades 10-12*Prerequisite: Creative Writing 1 and 2*

Students will read, analyze and write in a variety of traditional poetic forms. Students will learn the techniques for dramatic interpretation of their writing for public reading. The class will culminate with a public performance. (ORAL INTERPRETATION)



## DEVELOPMENTAL LANGUAGE ARTS THROUGH ESOL

1 credit each  
Grades 9-12

The purpose of this course is to enable students who are native speakers of languages other than English to develop proficient listening, speaking, reading and writing skills in the English language. Emphasis will be on acquisition of integrated English communication skills in a wide range of activities and content areas. The content will include vocabulary for formal and informal conversation, reading and writing skills, and integrated communication skills for school and work. This course may be repeated by a student for multiple credits.

**ENGLISH 1, 2, 3, 4**

1 credit each  
Grades 9-12

These courses provide instruction in English language skills including reading, writing, speaking, and listening in the content areas of literature, grammar, vocabulary and composition.

**ENGLISH HONORS 1, 2, 3, 4**

1 credit each  
Grades 9-12

*Prerequisite: Teacher Recommendation; A in previous English Regular course or a C or higher in previous English Honors course.*

These courses, best suited for college-bound students, promote academic excellence in English language arts through enriched experiences in literature, writing, speaking, and listening. Emphasis is placed on higher order thinking skills and preparation for high-stakes tests. Assessments include projects and oral presentations, and a percentage of the coursework is completed outside of the school day in the format of take-home assignments.

**ENGLISH 1, 2, 3, 4 THROUGH ESOL**

1 credit each  
Grades 9-12

These courses provide integrated educational experiences in the language arts strands of reading, writing, listening, viewing, speaking, language, and literature. The content includes using reading strategies to construct meaning from informative, technical, and literary texts; acquiring an extensive vocabulary through reading, discussion, listening, and systematic word study; using process writing strategies, student inquiry, and self-monitoring techniques; using speaking, listening, and viewing strategies in formal presentations and informal discussions; understanding and responding to a variety of literary forms; understanding and using language successfully to impact readers, writers, listeners, speakers, and viewers.

# JOURNALISM 1

1 credit  
Grades 9-12

*This course satisfies the Fine Arts graduation requirement.*

The purpose of this course is to provide instruction in basic aspects of journalism and workshop experiences in journalistic production. This course supplies the foundation for future courses of study in Newspaper, Yearbook, or TV Production.

**JOURNALISM 2 (Yearbook)**

1 credit  
Grades 10-12

*Prerequisite: Journalism 1 and Teacher Approval*

This course provides practical experience in successful news gathering techniques, practice in journalistic writing, news gathering techniques, practice in journalistic writing, and opportunities to explore careers in journalism. The content includes frequent practice in gathering information and in writing news, sports, feature articles, and editorials. Organization and management techniques relating to journalistic productions, including leadership skills, record keeping, time management, utilization of personnel, and task organization is stressed.

**JOURNALISM 3** (Yearbook)

1 credit  
Grades 11-12

*Prerequisite: Journalism 2 and Teacher Approval*

The purpose of this course is to provide intermediate instruction in writing and production skills related to various journalistic media. The content includes instruction and practice in applying all aspects of the writing process, including pre-writing, drafting, editing, and proofreading, to written work prepared to journalistic standards. Organization and management techniques relating to journalistic productions will be stressed, including leadership skills, record keeping, time management, utilization of personnel, and task organization. Workshop experiences in producing various kinds of journalistic products should provide practice in the development of these skills.

**JOURNALISM 4** (Yearbook)

1 credit  
Grade 11-12

*Prerequisite: Journalism 3 and Teacher Approval*

*This is an honors course.*

The purpose of this course is to provide advanced instruction in journalistic writing and production techniques. The content includes instruction and practice in applying all aspects of the writing process, including pre-writing, drafting, editing, and proofreading, to written work prepared to journalistic standards. Organization and management techniques relating to journalistic productions will be stressed, including leadership skills, record keeping, time management, utilization of personnel, and task organization. Workshop experiences in producing various kinds of journalistic products should provide practice in the development of these skills.

**JOURNALISM II, III, IV (Newspaper)**1 credit  
Grade 10-12

Course provides a continuation of Journalism 1 studies as well as the task of daily production on the student publication(s). Preparation for careers in news gathering and storytelling for news. This course emphasizes the clear writing of accurate, clear and meaningful news stories for print and digital formats; codes of ethical and responsible journalistic behavior; audio recording, production and storytelling techniques; and social media information gathering and sourcing. Students will learn to develop story ideas. This course requires coverage of breaking news and other events outside of class. Also requires participation in meaningful staff development related field trips.

**FAMILY AND CONSUMER SCIENCES (CULINARY AND EARLY CHILDHOOD EDUCATION)****CHILD DEVELOPMENT**1/2 credit  
Grades 9-12

This course covers the development of the child from conception to age five. Content includes basic needs of children, principles of human development, prenatal care, the birth process, and communication/guidance in the parent/child relationship, sexual anatomy and contraceptives.

**EARLY CHILDHOOD EDUCATION 1**1 credit  
Grades 9-11

*Prerequisite: Child Development Recommended*

***Background screening and continued monitoring of student behavior throughout the program.***

This course offers students the opportunity to start the process of state certification in Early Childhood Education for career/job preparation. Students have the opportunity to work in the on-site preschool as teacher aides. The pre-school jobs include bulletin board preparation, lesson planning, teaching 3-5- year old children, as well as planning nutritional snacks. This course is equivalent to the 40 hour training for the Department of Children and Family.

**EARLY CHILDHOOD EDUCATION 2**1 credit  
Grades 10-12

*Prerequisite: Early Childhood Education 1*

***Background screening and high expectations in continued monitoring of student behavior throughout the program.***

In this course, students continue the opportunity of working towards state certification in Early Childhood Education and working in the on-site preschool. Interaction with the pre-school children is more enhanced and student directed. Students will complete the UDAP and the PSAP of the DCF training.

**EARLY CHILDHOOD EDUCATION 3 & 4**1 credit  
Grade 11-12

*Prerequisite: Early Childhood 1 and 2*

*ECE 3 satisfies the Fine Arts graduation requirement.*

***Background screening and high expectations in continued monitoring of student behavior throughout the program.***

Students continue to work toward achieving certification and begin to fully operate the on-site preschool and complete final requirements for the course. Students complete a mastery project at this level.

Students are given the opportunity to mentor lower level students and assume management responsibilities. Students will work in the infant-toddler DCF modules in ECE 3 and the special education DCF modules in ECE 4.

**EARLY CHILDHOOD EDUCATION DIRECTED STUDIES**1 credit  
Grade 11-12

*Prerequisite: ECE 1, 2, 3, 4, and Teacher Approval*

***Background screening and high expectations in continued monitoring of student behavior throughout the program.***

This class provides an opportunity for students to intern at various centers in the community and apply knowledge learned in the classroom. While interning, students will gain the credentials needed to complete the ECPC. Students will work in the school age and/or special needs DCF modules.

**CULINARY ARTS 1**1 credit  
Grades 9-10

This course acquaints the student with quantity cooking techniques and procedures necessary in the food service industry with an emphasis on kitchen safety, sanitation and customer service. This course is primarily focuses on the basics and includes limited cooking. Lab work includes the preparation of food using standardized recipes. NOTE: This course is designed for students who plan to complete the culinary arts program

**CULINARY ARTS 2 and 3**1 credit each  
Grades 10-12

*Prerequisite: successfully completed Culinary Arts 1*

*This course satisfies the Fine Arts graduation requirement.*

These are school-to-career classes that prepare students for employment or advanced training in the food and beverage industry.

Students receive instruction and hands-on experience in food preparation, baking and pastry, and garde manger (garnishing). Students will receive instruction on how to operate a point of sales computer system, customer service and front of the house management. The Bistro 215 is the class culinary restaurant where students gain experience in real world preparation and service. *Lab fee of \$40 and appropriate chef's uniform and shoes are required.*



## CULINARY ARTS 4

1 credit each  
Grades 10-12

*Prerequisite: Culinary Arts 3 and teacher approval  
This is an Honors course.*

This class will review of all skill past levels and be put into practice with heavy emphasis on food production, catering. Industry certification tests will be the main focus of this level as well. *Lab fee of \$40 and appropriate chef's uniform and shoes are required*

## HOSPITALITY AND TOURISM DIRECTED STUDIES

1 credit  
Grades 11-12

*Prerequisites: Teacher Approval; Culinary students must have completed Culinary 4; TV Production students must have completed 2 years of TV Production.*

*This is an Honors course.*

This class will focus on operating of a full serve restaurant and incorporating the practice of the industry standards and skills that are needed to do so. In addition, we will write and develop recipes and work closely with the middle school teachers to produce webcast cooking demos. This class is also recommended to students who wish to not only pursue Culinary but is also available to students who wish to express their creativity in TV productions using state of the art equipment to produce cooking webcast and students developed cooking segments.

## CDE ON THE JOB TRAINING (OJT)

Multiple credits  
Grades 11-12

*Co-requisite: Have been or are currently enrolled in a CTE course* Cooperative Diversified Education (CDE) gives the student an opportunity to gain professional job experience related to a career goal. The purpose of this course is to provide on-the-job training through an elective class that permits a student to be released from the high school campus to work part-time in a job. The student must be compensated for work performed. Students may earn multiple credits in this course. Students must have transportation in order to leave campus early.

## MATHEMATICS

### COLLEGE ALGEBRA

1 credit  
Grades 11-12

*Prerequisite: Algebra 2*

The purpose of this course is to enhance and continue the study of mathematics after Algebra I, II, and Geometry and provides a college level foundation to students not aspiring to a math, science, or technology major. This course is on the NCAA approved course list

## ALGEBRA 1

1 credit  
Grades 9-10

The purpose of this course is to provide the foundation for more advanced mathematics courses and to develop the skills needed to solve mathematical problems. Topics include sets; variables; structures and properties of the real number system; first degree equations and inequalities; integral exponents; polynomials; factoring; rational algebraic expressions, irrational numbers; radical expressions; and quadratic equations.

## ALGEBRA 1A

1 credit  
Grade 9

The fundamental purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. The critical areas, called units, deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. The Standards for Mathematical Practice apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. Focus: Relationships Between Questions and Reasoning with Equations, Linear and exponential Relationships

## ALGEBRA 1B

1 credit  
Grades 10

The fundamental purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. The critical areas, called units, deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. The Standards for Mathematical Practice apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. Focus: Descriptive Statistics, Expressions and Equations, Quadratic Functions and Modeling



## ALGEBRA 2

1 credit  
Grades 10-12

*Prerequisite: Algebra 1 and Geometry*

The purpose of this course is to continue the study of the structure of Algebra and to provide the foundations for applying these skills to other mathematical and scientific fields. Topics shall include the review and extension of the structure and properties of the real number system; relations; functions and graphs; polynomials and rational expressions; quadratic equations and inequalities; polynomial functions; rational and irrational exponents; logarithms; complex numbers; and word problems.

**ALGEBRA 2 HONORS**1 credit  
Grades 10-12*Prerequisite: Geometry Honors with a "C" or better*

This course presents an in-depth study of the topics of Algebra II with emphasis on theory, proof and development of formulas, as well as their application. Topics shall include algebraic structure; first-degree equations in one and two variables solved algebraically and graphically; systems of equations and inequalities; functions and relations; polynomials and rational expressions; exponents and radicals; logarithms; complex numbers; conic sections; polynomial equations; sequences and series; permutations, combinations and probability; and matrices. Proofs and special projects are an integral part of the course. A graphing calculator is required for this course.

**GEOMETRY**1 credit  
Grades 9-12*Prerequisite: Algebra 1B, Algebra 1, or Liberal Arts Math*

The purpose of this course is to emphasize critical thinking involving the discovery of relationships and their proofs and skill in applying the inductive and deductive method to mathematical situations. Topics shall include logic and reasoning; the study of Euclidean geometry of lines, planes, angles, triangles; similarity; congruence; geometric inequalities; polygons and circles; area and volume; and constructions.

**GEOMETRY HONORS**1 credit  
Grades 9-10*Prerequisite: Algebra 1 Honors with a "C" or better*

The purpose of this course is to give a rigorous in-depth study of geometry with emphasis on methods of proof and the formal language of mathematics. Topics include structure of geometry; separation properties; angle concepts; triangles; quadrilaterals; proofs; perpendicularity and parallelism in a plane and in space; similar polygons; circles and spheres; constructions; area and volume; coordinate geometry.

**MATHEMATICS FOR DATA AND FINANCIAL LITERACY HONORS**1 credit  
Grades 10-12*Prerequisite: Algebra 2*

In Mathematics for Data and Financial Literacy Honors, instructional time will emphasize five areas: (1) extending knowledge of ratios, proportions and functions to data and financial contexts; (2) developing understanding of basic economic and accounting principles; (3) determining advantages and disadvantages of credit accounts and short- and long-term loans; (4) developing understanding of planning for the future through investments, insurance and retirement plans and (5) extending knowledge of data analysis to create and evaluate reports and to make predictions.

**STATISTICS HONORS**1 credit  
Grades 11-12

This course covers introductory concepts in statistics and probability. Students cover topics such as data collection, data analysis, statistical tools and graphical displays, and an introduction to probability theory. In this course, there is a strong emphasis on real world applications. Students will examine how data analysis and the likelihood of events can be applied to our lives every day. This course will also strengthen critical thinking skills and ability to be a successful problem solver.

**MUSIC AND THEATER**

*All courses in this section satisfy the Fine Arts graduation requirement.*

**BAND****BAND 1**1 credit  
Grade 9

The purpose of this course is to provide students with instruction in the application of musicianship and technical skills through the study of instrumental music. Participation in Marching Band is required. Rehearsals and performances outside of class time are required. No prior experience necessary - all skill levels, from beginner to advanced, are welcome to join!

**BAND 2, 3, 4**1 credit each  
Grades 10-12*Prerequisite: Band 1, 2, or 3*

These courses provide students with advanced instruction in the application of musicianship and technical skills. Participation in Marching Band is required. Rehearsals and performances outside of class time are required. Placement in level is based upon successful completion of previous level and audition.

**BAND 5, 6 HONORS**1 credit each  
Grades 11-12*Prerequisite: Completion of Band 1, 2, and Director Approval*

These courses are designed to provide advanced instruction for students who would like to enhance their curriculum in Band III, IV. Upon successfully completing the Honors curriculum the student will receive honors points not available in Band III or IV. Rehearsals and performances outside of class time are required.

**EURYTHMICS 1, 2, 3, 4**1 credit  
Grades 9-12

*This course is for students interested in participating in the "Sickles Sensations" Colorguard/Dance Team. In this course, students will develop basic skills in creating, performing, and evaluating choreography, dance, and performance fundamentals. Emphasis is placed on dance, equipment work, precision, and the relationship between music and dance. Participation in Marching Band in the fall is REQUIRED. Rehearsals and performances outside of class time are required. No prior experience is necessary - all skill levels, from beginner to advanced, are welcome to participate.*



**JAZZ ENSEMBLE 1, 2, 3, 4**1 credit each  
Grades 10-12

The course covers various techniques and styles of contemporary music and jazz literature. Rehearsals and performances outside of class are required.

**CHORUS****CHORUS 1 (Trebles, Sopranos and Altos)**1 credit  
Grades 9-12

No previous pre-requisite is needed! This is an introductory choir for all first time singers in a high school choir, aimed at establishing proper vocal technique and habits for new singers. This class is a perfect place to sing all types of music, build vocal technique for the rest of high school (and the rest of your life!) as well as building community in choir. Singers will study music voiced for treble singers, and focus on building their technique and musicianship with similar students. Rehearsals and performances outside of class are required. A great starting place for participation in the chorus program!

**SERERATA**1 credit  
Grades 10-12

*Prerequisite: Chorus 1*

This ensemble is open to any 10-12<sup>th</sup> grade sopranos or altos student with no audition required, as long as you have been in high school choir previously. This choir will focus on building choral technique through the study of music from numerous backgrounds including (but not limited to): classical, pop, jazz, women's choir music and much more! This is a great place for sopranos or altos singers of any vocal ability and interest level who want to sing and improve their voice with no pressure of audition. This is also a great place to start if you are interested in being in an auditioned choir before you graduate!

**CHORUS 1 (Tenor, Bass Choir)**1 credit  
Grades 9-12

No previous pre-requisite is needed! This is a class just for tenors and basses! This class focuses on the traditions and the development of tenors and basses vocal technique specifically. Students will study the rich and storied history from anthems of nations and army's, to styles such as barbershop quartets and everything in between! If you have ever been interested in singing and are looking for a safe, engaging, and FUN place improve your voice. Rehearsals and performances outside of class are required. A great starting place for participation in the chorus program!

**VOCAL ENSEMBLE 1, 2, 3, 4 (Ovation/Show Choir)**1 credit  
Grades 9-12

*Prerequisite: Audition in May and Teacher Approval*

This is an auditioned male and female mixed choir that will work to perform all styles of music at a high level, with special focus on music in the jazz, pop, and show choir traditions. Members of this ensemble will have the chance to sing, dance, and perform with live musical accompaniment from student musicians, as well as a focus in a capella traditions. (positions for student instrumentalist such as guitar, piano, drums, bass, and more are also available for live accompaniment.) Rehearsals and performances outside of class are required.

**CHAMBER CHOIR**1 credit  
Grades 9-12

*Prerequisite: Audition in May and Teacher Approval*

*Co-Requisite: must co-enroll in another chorus class*

This is an auditioned male and female mixed choir that will focus on high level choral literature of a more traditional nature, in a smaller setting. Works will be chosen from all time periods, spanning from baroque and classical (including chamber and masterworks) to romantic and modern (including new compositions). Singing will be of an instrumentally accompanied as well as acapella nature. Student focus will be the development of individual and ensemble performance technique by singing SATB four part splits and beyond. Rehearsals and performances outside of class are required.

**ORCHESTRA****CHAMBER ORCHESTRA**1 credit  
Grades 9-12

*Prerequisite. Audition: Teacher recommendation*

Small String Group of advanced musicians to play serious music from the Baroque and Classical periods. Must be enrolled in an Orchestra I II III IV V or VI classes. additional rehearsals and performances are mandatory. There is a fee for this class.

**GUITAR (CLASSICAL)**1/2 credit  
Grades 9- 12

The purpose of this class is to provide students with the exposure to classical guitar playing, note reading and musical concepts. This is a beginning course. No experience required. Students will need to provide their own classical or acoustic guitar.

**KEYBOARD 1 and 2 (Piano)**1/2 credit  
Grades 9-12

The purpose of this course is to provide instruction in basic piano technique. This class provides sequential instruction for beginners as well as advanced piano students. Students practice daily in a keyboard lab with headphones. Performances take place during class and students are introduced to a number of styles and genres.

**INTRODUCTION TO ORCHESTRA**1 credit  
Grade 9-12

*No experience necessary!* The purpose of this class is to introduce students to playing string instruments (violin, viola, cello, and bass). If students have played, but need a refresher course, this is the class. Students may rent school instruments, if necessary.

**ORCHESTRA 1, 2, 3, 4**1 credit each  
Grades 9-12

*Prerequisite: Previous level and Director Approval Honors level available for select Juniors and Seniors only*

This course is designed to develop a student's skills in music ensembles on orchestral instruments. A wide scope of instruction and musical awareness will be a part of the course. An emphasis on string instruments will be made. *A fee is required.*

**ORCHESTRA 5, 6 HONORS**1 credit  
Grades 11-12

*Prerequisite: Previous level and Director Approval*

These courses are designed to provide advanced instruction for students who would like to enhance their curriculum in Orchestra III, IV. Upon successfully completing the Honors curriculum the student will receive honors points not available in Orchestra III, IV. Rehearsals and performances outside of class time are required. *A fee is required.*

**THEATER****ACTING 1**1 credit  
Grades 9-12

*This course satisfies the Fine Arts graduation requirement.*

Through improvisation, simple scripted scenes, performance projects, and/or practical application, students learn to identify what makes performances believable and explore the tools used to create, articulate, and execute them. They learn to break down a scene from a character's point of view, and also learn to sustain a character and build the relationship between actor and audience. Upon completion of this course, students have a strong foundation for future scene work, script analysis, and play production. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

**ACTING 2**1 credit  
Grades 10-12

*Prerequisite: Theatre 1 or Acting 1*

Students examine the various dimensions of characters through analysis, discussion, and classroom performance, working with scripts from a variety of time periods and cultures. Public performances may serve as a culmination of specific instructional goals. The content includes instruction in specific acting techniques used in various kinds of dramatic presentations. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

**TECHNICAL THEATRE DESIGN & PRODUCTION 1**1 credit  
Grades 9-12

*This course satisfies the Fine Arts graduation requirement.*

Students focus on developing the basic tools and procedures for creating elements of technical theatre, including costumes, lighting, makeup, properties (props), publicity, scenery, and sound. Technical knowledge of safety procedures and demonstrated safe operation of theatre equipment, tools, and raw materials are central to success in this course. Students explore and learn to analyze dramatic scripts, seeking production solutions through historical, cultural, and geographic research. Students also learn the basics of standard conventions of design presentation and documentation; the organizational structure of theatre production and creative work in a collaborative environment; and the resulting artistic improvement. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend or participate in technical work, rehearsals, and/or performances beyond the school day to support, extend, and assess learning in the classroom.

**TECHNICAL THEATRE DESIGN & PRODUCTION 2**1 credit  
Grades 10-12

*Prerequisite – Tech Theatre Design 1. This course satisfies the Fine Arts graduation requirement.*

Students focus on developing the advanced tools and procedures for creating elements of technical theatre, including costumes, lighting, makeup, properties (props), publicity, scenery, and sound. Technical knowledge of safety procedures and demonstrated safe operation of theatre equipment, tools, and raw materials are central to success in this course. Students specialize their study in elements of technical theatre. Students take great leadership roles in theatrical production. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend or participate in technical work, rehearsals, and/or performances beyond the school day to support, extend, and assess learning in the classroom.

**THEATRE 3 HONORS**1 credit  
Grades 11-12*Prerequisite: Theatre 2 or Technical Theatre**This course satisfies the Fine Arts graduation requirement.*

The purpose of this course is to provide an opportunity for advanced drama students to continue their study of acting and production techniques. Emphasis should also be given to the study of acting theories, as well as practice and theory in set design, makeup and lighting. Students may specialize by researching information about and participating in selected areas of theater. Emphasis will be placed on creating full productions and performances. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

**THEATRE 4 HONORS**1 credit  
Grade 12*Prerequisite: Theatre 3 Honors**This course satisfies the Fine Arts graduation requirement.*

The purpose of this course is to provide in-depth study of dramatic and theatrical art. The content includes practical application in costume, scenery, lighting, and sound design; makeup techniques; advanced acting techniques; and theatrical management. Students will specialize by researching information about and participating in selected areas of theater, including play writing, direction, stage design and management, choreography, and advanced acting. Emphasis will be placed on leadership in full productions and performances. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to s

**PEERS AS PARTNERS IN LEARNING****POWER OF PEERS**1 credit  
Grade 10-12*Prerequisite: Teacher Approval and Interview*

This course is designed to provide reciprocal academic and social benefits to students with disabilities and their peers without disabilities. Students enrolled in this class will build an awareness and understanding of various disabilities. The students will apply this knowledge to promote learning for students with disabilities, in inclusive settings, through academic, communication, physical and social supports.

**READING****INTENSIVE READING 1 (Single Period)**1 credit  
Grade 9*Placement is determined by FSA ELA score – Level 1.*

The purpose of this course is to provide instruction that enables students to accelerate the development of reading and writing skills and to strengthen those skills so they are able to successfully read and write grade level text independently. Instruction emphasizes reading comprehension, writing fluency, and vocabulary study through the use of a variety of literary and informational texts encompassing a broad range of text structures, genres, and levels of complexity. Texts used for instruction focus on a wide range of topics, including content-area information, in order to support students in meeting the knowledge demands of increasingly complex text. Students enrolled in the course will engage in interactive text-based discussion, question generation, and research opportunities. They will write in response to reading and cite evidence when answering text dependent questions orally and in writing. The course provides extensive opportunities for students to collaborate with their peers. Scaffolding is provided as necessary as students engage in reading and writing increasingly complex text and is removed as the reading and writing abilities of students improve over time

**INTENSIVE READING 2**1 credit  
Grade 10*Placement is determined by FSA ELA score. – Level 1 and 2*

The course emphasizes reading comprehension and vocabulary skills using a variety of grade appropriate texts encompassing a range of complexity. Students enrolled in the course will engage in research, write in response to reading, and cite evidence to answer text dependent questions both orally and in writing. The course provides extensive opportunities for students to collaborate with their peers. At the end of 9th grade students are expected to read and comprehend texts in the 9-10 grade complexity band proficiently and read texts at the high end of the band with support. At the end of 10th grade students are expected to read and comprehend texts in the grades 9-10 complexity band independently and proficiently.

**INTENSIVE READING 3**1 credit  
Grade 11*Placement is determined by FSA ELA score. – Level 1 or 2*

The purpose of this course is to increase reading fluency and endurance through integrated experiences in the language arts. This course incorporates reading and analysis of literary and informational selections to develop critical and close reading skills. At the end of 11th grade students are expected to read and comprehend texts in the 11-College and Career Reading (CCR) grade complexity band proficiently and read texts at the high end of the band with support. At the end of 12th grade students are expected to read and comprehend texts in the grades 11-CCR complexity band independently and proficiently.



**INTENSIVE READING 4**1 credit  
Grade 12*Placement is determined by FSA ELA score. – Level 1 or 2*

The purpose of this course is to provide instruction that enables students to accelerate the development of reading and writing skills and to strengthen those skills so they are able to successfully read and write grade level text independently. Instruction emphasizes reading comprehension, writing fluency, and vocabulary study through the use of a variety of literary and informational texts encompassing a broad range of text structures, genres, and levels of complexity. Texts used for instruction focus on a wide range of topics, including content-area information, in order to support students in meeting the knowledge demands of increasingly complex text. Students enrolled in the course will engage in interactive text-based discussion, question generation, and research opportunities. They will write in response to reading and cite evidence when answering text dependent questions orally and in writing. The course provides extensive opportunities for students to collaborate with their peers. Scaffolding is provided as necessary as students engage in reading and writing increasingly complex text and is removed as the reading and writing abilities of students improve over time.

**SCIENCE****ANATOMY AND PHYSIOLOGY HONORS**1 credit  
Grades 11-12*Prerequisite: Biology Honors with a "B," Chemistry Honors with a "B"*

The purpose of this course is to provide students with rigorous content and laboratory activities in the structure and functions of the components of the human body. The course content will include a study of anatomical terminology, cells and tissues, systems (skeletal, muscular, nervous, muscular, special sensory organs, endocrine, circulatory, respiratory, digestive and excretory), homeostasis, disease process, immune response, and heredity.

**ASTRONOMY HONORS**1 credit  
Grades 11-12

This course is designed to teach students about a wide range of topics relating to astronomy. It will further students' understanding of our solar system and beyond. Units of study will include: Celestial Sphere (stars and constellations), History of Astronomy, Motion and Gravity, Light and Matter, Telescopes, Big Bang Theory, Galaxies of our Universe, the Sun, Stellar Evolution, Planetary Geology, Planetary Atmospheres, Jovian Systems, Other Objects in our Solar System, Exoplanets, and Space Exploration.

**BIOLOGY**1 credit  
Grades 9-10

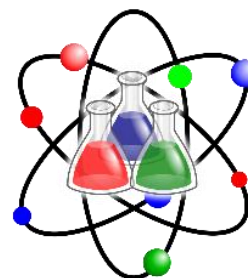
A practical, applied approach to Biology and Environmental science with appropriate topics Earth Science and the Nature of Science integrated into the course. Laboratories, activities, readings and career information as well as supplemental units will be included. This course satisfies the biological science graduation requirement.

**BIOLOGY I HONORS**1 credit  
Grades 9-10*Prerequisite: Physical Science Honors or equivalent with a "C" or higher*

The purpose of this course is to provide students with advanced exploratory experiences and activities in the fundamental concepts of life. This course expands and refines the biological concepts that were introduced in Life Science. The content will include studies in the scientific method, scientific measurement, laboratory safety and use of apparatus, cell biology, cell reproduction, basic principles of genetics, biological changes through time, classification and taxonomy, microbiology, structure and function of plants, structure and function of animals, selected structure and function of the human body, and ecological relationships.

**CHEMISTRY I**1 credit  
Grades 10-12*Prerequisite: Biology Regular with an A or Physical Science with an A or B.**Recommendation: Geometry or higher level math*

The purpose of this course is to lead students through the study of the composition, properties and changes associated with matter. This course is less math-intensive than honors chemistry but still contains a substantial amount of math. The content includes structure of matter, atomic theory, periodic table, bonding, chemical formulas, solutions, chemical reactions, behavior of gases, acids, bases and salts and energy relationships associated with physical and chemical changes.

**CHEMISTRY 1 HONORS**1 credit  
Grades 10-12*Prerequisite: Physical Science Honors with a B or higher or Biology Honors with a B or higher**Recommendation: Algebra 2 Honors or higher level math*

The purpose of this course is to provide students with numerous laboratory activities that lead students through the study of the composition, properties and changes associated with matter. The content includes structure of matter, atomic theory, periodic table, bonding, chemical formulas, solutions, chemical reactions, behavior of gases, acids, bases and salts and energy relationships associated with physical and chemical changes. Laboratory activities include the use of calculator assisted probes. A benefit of this course is developing problem-solving skills which aid students in college.



**EARTH/SPACE SCIENCE**1 Credit  
Grades 11-12*Prerequisite: Biology*

Earth/Space Science is the third of a series of three courses focused on an integrated, coordinated instruction of all the Sunshine State Standards in Science. The purpose of this new course is to complete coverage of the state standards while providing opportunities to develop concepts basic to earth, its materials, processes, history, and environment in space. The content will include but not be limited to formation of various rocks, minerals, and landforms; plate tectonics, and basic geology concepts; origins and effects of weather systems, Earth-Moon system, and our solar system.

**ENVIRONMENTAL SCIENCE**1 Credit  
Grades 11-12*Prerequisite – 8<sup>th</sup> Grade Comp Science 3*

IN this course students will interact directly with natural phenomena or with data collected by others using tools, materials, data collection techniques, and models. Identify, analyze and relate the internal (Earth system) and external (astronomical) conditions that contribute to global climate changes. Explain how various atmospheric, oceanic, and hydrologic conditions in Florida have influences and can influence human behavior, both individually and collectively. Explain the difference of genetic factors, environmental factors, and pathogenic agents to health from the perspectives of both individual and public health.

**FORENSIC SCIENCES I**1 Credit  
Grades 11-12*Prerequisites: Chemistry Honors with a "C" or better or Chemistry Regular with a "B" or better.*

Forensic Science I is an integrated science course that enables students to experience the application of the sciences to the investigation of a crime. Students will be introduced to the basic concepts of forensics through a core-based course using, but not limited to, scientific evidence, critical argument, deductive reasoning, problem solving, and reporting media. Issues related to justice and society are introduced within a forensic context. Laboratory investigations which include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course.

**FORENSIC SCIENCES 2 HONORS**1 Credit  
Grade 12*Prerequisite: Forensics Science 1*

Forensic science is the application of science to legal matters. In this class, students will learn how to properly collect, process, and test different evidence types, and utilize results to aid investigations. The course will delve deeper into topics covered in Forensics 1 while introducing the following new topics: arson, explosives, criminal profiling, classifications of criminal activity, analyzing criminal behavior, and forensics in the criminal justice system.

**GENETICS HONORS**1 Credit  
Grades 11-12

The purpose of this course is to introduce students to the academic discipline of Genetics, which is the science of heredity. Genetics is central to Biology and has become a major area of emphasis in Medicine. Students will explore both classical and modern molecular genetics, including the investigation of the chromosomal basis of inheritance, genetic disorders, biotechnology, the genetics of cancer, gene regulation, the Human Genome Project, and Public Health. This course is highly recommended for students interested in preparing for future studies in medicine, biotechnology, and the Biological Sciences in general.

**MARINE SCIENCE 1 HONORS**1 credit  
Grades 11-12*Prerequisite: Passing grade in Chemistry*

The purpose of this course is to provide the student with an overview of the marine environment. The content should include, but not be limited to, the following: the nature of science; the origins of the oceans; the chemical, physical, and geological aspects of the marine environment; ecology of various sea zones; marine communities; the diversity of marine organisms; characteristics of major marine ecosystems; characteristics of major marine phyla/divisions; the interrelationship between man and the ocean.

**MARINE SCIENCE 1 REGULAR**1 Credit  
Grades 11-12*Prerequisite – Biology*

The purpose of this course is to provide the student with an overview of the marine environment. The content should include the following: the nature of science; the origins of the oceans; the chemical, physical, and geological aspects of the marine environment; ecology of various sea zones; marine communities; and the diversity of marine organisms.

**PHYSICS 1 HONORS**1 credit  
Grades 11-12*Prerequisite: Algebra 2 Honors, Chemistry Honors with a "C" or better**Co-requisite: Trigonometry or higher level math.*

The purpose of this course is to provide students with an introductory study of the theories and laws governing the interaction of matter, energy, and the forces of nature. The content includes, but is not limited to, one and two dimensional kinematics, dynamics, applications of Newton's Laws, energy, work and power, heat and thermodynamics, wave characteristics, physical optics, wave optics, and modern physics (the outer and inner atom).

**PHYSICS REGULAR**1 credit  
Grades 11-12*Prerequisite: Algebra 2, Chemistry with a C or better or Physical Science with a B or better and teacher recommendation.*

The purpose of this course is to provide students with an introductory study of the theories and laws governing the interaction of matter, energy, and the forces of nature. The content includes, but is not limited to: kinematics, dynamics, energy, work and power, heat and thermodynamics, wave characteristics, light, electricity magnetism and nuclear physics.

## **SOCIAL STUDIES**

### **AMERICAN GOVERNMENT**

1/2 credit  
Grade 12

The purpose of this course is to provide students with the opportunity to acquire an understanding of American government and political behavior. Appropriate concepts and skills will be developed in connection with the content. Required for high school graduation.

### **AMERICAN GOVERNMENT HONORS**

1/2 credit  
Grade 12

*Co-requisite: English 1 Honors*

*Prerequisite: Teacher recommendation.*

American Government Honors is designed to provide students with an advanced understanding of the history, scope and responsibilities of the United States Government and its citizens. As a Social Studies Department Honors class, students will be expected to comprehend and process information at elevated levels, including analysis of primary and secondary resources, and advanced text comprehension. Students will provide well planned and well written essays, often under the pressure of time. Students will also be expected to maintain high level discussions on current events, the history of the American Government and current and past governmental policies and procedures. The goal is to give students broad base of knowledge necessary for success in the Social Studies Honors programs and beyond.

### **COURT PROCEDURES**

1/2 credit  
Grades 10-12  
Semester 2 only

*Prerequisite: Law Studies*

You be the judge-really! Have you ever wondered what it's like to be a judge or attorney, or a juror in a trial? COURT PROCEDURES is your chance to experience these roles firsthand. Students will conduct legal research and mock criminal and civil courtroom trials in the classroom. The constitutional issues raised by such amendments as the 1st (freedom of speech), 4th (search and seizure), 8th (cruel and unusual punishment), and 14th (equal rights) will also be emphasized.

### **ECONOMICS**

1/2 credit  
Grade 12

The purpose of Economics is to provide students with the opportunity to acquire an understanding of the way in which society organizes its limited resources to satisfy unlimited wants. The student will be introduced to the major characteristics of the market economic system in the United States and how the basic economic questions are answered. *Required for high school graduation.*

### **ECONOMICS HONORS**

1/2 credit  
Grade 12

*Prerequisite: Teacher recommendation, American History Honors*  
*Requirements: A formal independent college style research paper will be required.*

The purpose of this course is to provide students with the opportunity to acquire a comprehensive understanding of the way in which society organizes to utilize its limited resources to satisfy unlimited wants and the distinguishing characteristics of other types of economic systems with particular attention to the American mixed market system. The major emphasis is to supply the student with the tools to examine and analyze the implications of market solutions and public policy decisions related to economic problems.

### **HISTORY OF VIETNAM AND OTHER 20<sup>TH</sup> CENTURY WARS**

1/2 credit  
Grades 10-12

*Prerequisite: Teacher Approval and writing sample.*

Do you know what happened at Dien bien Phu? Have you ever seen a tunnel rat? Have you ever felt the burn of agent orange? Do you know the national anthem of the protestors of the Vietnam War? Do you know what war was the longest in US history? This academic elective will answer these questions and others about the Vietnam War. This course will provide students the opportunity to acquire an understanding of the chronological development of the Vietnam War. Political, economic, social, military, and cultural events that affected the war will be experience through music, role-play, US Veterans speakers, and videos.

### **LATIN AMERICAN STUDIES**

1/2 credit  
Grades 9-12

Tampa Bay is greatly impacted by Latin American History. Discover the history and culture of the Caribbean Basin, Central America, and South America by examining indigenous Native American populations through European explorations and contemporary political, economic, and cultural affairs in Latin America to have a great appreciation of this part of the world.

### **LAW STUDIES**

1/2 credit  
Grades 10-12

*This is an Honors course.*

Why are there laws? What rights do you have? What's the difference between civil and criminal law? What is the difference between a felony and a misdemeanor? Is there a difference between the adult and the juvenile justice system? Do values and morals shape the law? If you would like the answers to these and many more questions, LAW STUDIES is the class for you! Students will have the opportunity to openly discuss their opinions and views about the law and how it affects their lives.

**PSYCHOLOGY 1**1/2 credit  
Grades 9-12*This is an Honors course.*

Have you ever wondered why people behave a certain way? Why do we feel stressed out all the time? What is schizophrenia? What does it mean to have dissociative identity disorder? Who is that guy Freud anyway? Psychology is a study of behavior and mental processes. This class covers topics such as abnormal psychology, personality, research studies, human development, and so much more!

**PSYCHOLOGY 2**1/2 credit  
Grades 9-12*This is an Honors course.*

Psychology 2 builds upon the knowledge learned in Psychology 1. Students will learn about the brain, and how it functions. Ever wonder why you dream, and what it means? Why are we so emotional? What motivates us to behave and learn? How do we create and store memories? In Psychology 2, we discuss topics such as sensation and perception, learning, social psychology, motivation, emotion, and so much more!

**SOCIOLOGY**1/2 credit  
Grades 9-12

Interested in violating a norm? Do you want to learn about cultures from around the world? Learn what motivates people to follow their peers, pierce their ears, and dance like their friends. In Sociology we will explore a variety of topics related to human behavior and social organization such as diversity, social deviance, and social class. Group discussions and sociology's relevance to everyday life make this class intriguing and fun! There are no prerequisites or co-requisites for this course.

**UNITED STATES HISTORY**1 credit  
Grades 11

The purpose of American History is to provide students with the opportunity to acquire an understanding of the chronological development of the American people by examining the political, economic, social, religious, military, scientific, and cultural events that have affected the rise and growth of our political, social, and economic past. Major focus is on the Industrial Era through present day. Required for high school graduation.

**UNITED STATES HISTORY HONORS**1 credit  
Grades 11*Co-requisite: English Honors**Prerequisite: Teacher recommendation*

The purpose of American History is to provide students with the opportunity to acquire an understanding of the chronological development of the American people by examining the political, economic, social, religious, military, scientific, and cultural events that have affected the rise and growth of our political, social, and economic past. Major focus is on the Industrial Era through present day. Required for high school graduation.

**WOMEN'S STUDIES**1/2 credit  
Grades 9-12

The primary emphasis of this course is the study of historical development of women in various cultures, the role of women in shaping history, and of the contemporary issues that impact the lives of women.

**WORLD HISTORY**1 credit  
Grades 10

The purpose of World History is to provide students with the opportunity to acquire an understanding of the chronological development of civilization by examining the political, economic, social, religious, military, dynastic, scientific, and cultural events that affected humanity. *Required for high school graduation.*

**WORLD HISTORY HONORS**1 credit  
Grades 10*Prerequisites: Teacher recommendation**Co-requisite: English 2 Honors*

**REQUIREMENTS:** Course work will require document analysis and numerous formal essay-writing requirements. These skills are essential for the college bound student. The purpose of World History Honors is to provide students with the opportunity to acquire a comprehensive understanding of the past in terms of what has been interpreted about change or process as it relates to the development of humanity. Analyzing the political, economic, social, religious, military, dynastic, scientific, and cultural events that have shaped and molded humanity does this. Implicit in this is an understanding of interpretation and the issues of external and internal validity.

**WORLD RELIGIONS**1/2 credit  
Grades 10-12

Religion has always been with us through human history. It has answered the deepest questions human beings could ever ask. It has filled the central roles of all civilizations and cultures in time. Wherever we find human life, we will find religion. Discover the religions of the world, analyze how they are related, wonder the course of religion and human life, and so much more! By taking Comparative World Religions, students will explore religions of the world and how critical they are throughout the human world.



**TECHNOLOGY EDUCATION***“Gold Seal” Scholarship Programs***TELEVISION PRODUCTION 1**

1 credit  
Grades 9 - 12

*This course satisfies the Fine Arts graduation requirement.*

The basics of video production and editing are covered in this class. Students will focus on using Adobe Premier to edit videos and work toward their Adobe Certified Associate certification. They will also focus on using the camera, recording audio and creating videos to be aired on the WSTV Morning Show. Students will work both in front of and behind the camera. *There is a lab fee of \$15 with this class.*

**TELEVISION PRODUCTION 2, 3, 4**

1 credit  
Grades 10-12

*Prerequisite: TV Productions 1 and/or 2 and teacher approval*

*This course satisfies the Fine Arts graduation requirement.*

These classes teach advanced editing techniques and camera operation. Learn elements of pre- and post- production, multi-camera shoots, and cinematic film creation. Students will produce a studio-recorded show and video productions to be included for that show. TV Production 3 and 4 students may also focus on creating short films, many of which can be entered into various film contests. *There is a lab fee of \$15 with this class.*

**DIGITAL CINEMA PRODUCTION 1 or 2**

1 credit  
Grades 10-12

*Prerequisite – TV Production 1. This course satisfies the Fine Arts graduation requirement*

Advanced film techniques including acting, camera operation, film production and editing. Students will work through the production process to create several short films that will be showcase in several events, including film contests, viewing nights and other avenues. Local, state and national contests will also be entered. There is a \$15 lab fee with this course.

**What is “Drafting Technology”?**

For hundreds of years people have used some form of drawings to explain their ideas. Some of these early drawings were crude, but the ideas they expressed are still understood today. Even with a difference in spoken and written languages and measuring systems, drafting has a common universal language in symbols which are accepted and used by all companies and countries.

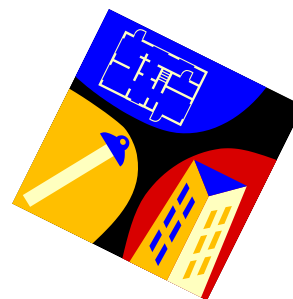
**DRAFTING 1**

1 credit  
Grades 9-12

*This course satisfies the Fine Arts graduation requirement.*

*This is an Honors course.*

This course provides a full year study of the basic principles engineers, architects, home designers and draftspeople use to communicate and translate ideas into final working drawings. An exploration into computer-aided drafting (AutoCAD) is included. Students may select either an emphasis in Engineering – Architecture – Interior Design for further study. There is a \$15 lab fee. No Previous drafting or art experiences is required.

**DRAFTING 2**

1 credit  
Grades 10-12

*Prerequisite: Drafting 1*

*This is an Honors course.*

*This course satisfies the Fine Arts graduation requirement.*

This course continues the study of the basic graphic principles that architects and engineers use to develop residential and commercial designs and plans. Curriculum includes: architectural history, exterior and interior design, site preparations, soil testing labs, surveying, structural evaluations, codes and regulations. A complete set of residential or commercial plans will be developed. A study of computer-aided drafting (AutoCAD) is incorporated into the program. There is a \$15 lab fee.

**DRAFTING 3 (Civil Engineering, Architecture, & Construction)**

1 credit  
Grades 11-12

*Prerequisite: Drafting 2*

*This course satisfies the Fine Arts graduation requirement.*

*This is an Honors course.*

This advanced course covers the design principles, applications, and implications involved with society, the planning for its future, and the design its infrastructure. Architects combine artistic and aesthetic standards and values with the technical aspects of engineering. From public facilities to private homes, architects master the combination of “form and function.” Urban planning, including roadways, bridges, and tunnels are driven by civil engineers and planners. Impacts on the environment, including water, wastewater and river-ways are overseen by civil engineers. This course reviews the planning, development, and implementation of these processes and the responsibility the engineer and architect have towards the health and safety of the public. There is a \$15 lab fee.

**DRAFTING 4**

1 credit  
Grades 11-12

*Prerequisite: Teacher approval*

*This is an Honors course.*

*This course satisfies the Fine Arts graduation requirement.*

This course offers the advanced level student in drafting the opportunity to develop a project from “vision” to “reality”. Students work to design, engineer, manufacture, construct, test, and redesign, test again, and produce a finished “project”. This involves using ALL of the knowledge previously learned, not only in technology education but also across the curriculum. There is a \$15 lab fee.



**CARPENTRY (woodshop)****What is "carpentry"?**

This program examines the stages of the residential building construction process: designing a project, choosing building materials, **working with power and hand tools safely**; preparing a site, installing utilities, enclosing and finishing a structure. Our goal is for our students to acquire knowledge and skills that will prepare them for paid internships with employers in the construction arenas while attending and procuring a post-secondary education.

**CARPENTRY 1**

1 credit  
Grades 9-12

The purpose of this course is for the student to develop competencies essential to the carpentry industry. These competencies include safety, use of manual and power tools, applied math, plan reading, building materials, fasteners and hardware. Projects include turning pens and bowls, installation of ceramic and travertine, basic framing for residential construction, and projects using a scroll saws. The class also teaches the NCCER industry standards for our area. There is a \$15 lab fee.

**CARPENTRY 2**

1 credit  
Grades 10-12

*Pre-requisite: completion of Carpentry 1 and Teacher Approval*

The purpose of this course is for the student to continue developing competencies essential to the carpentry professions. These competencies include safety, hand and power tools, fastening methods, cabinet assembly and plan reading. The class also teaches the NCCER industry standards for our area. Students who complete the program will earn a nationally recognized certification card in safety, cabinet making and carpentry. Students will continue to work toward certification in NCCER. There is a \$15 lab fee.

**CARPENTRY 3**

1 credit  
Grades 11-12

*This is an Honors course.*

*Pre-requisite: completion of Carpentry 2 and Teacher Approval*

This course provides students with a more in-depth knowledge of trim and finish carpentry, as well as an introduction to rough carpentry. Students will further their understanding of plan and specifications, assemble and install cabinetry, install doors, frame floors and walls and construct stairs. The class also teaches the NCCER industry standards for our area. Students who complete the program will earn a nationally recognized certification card in safety, cabinet making and carpentry.



## **WELLNESS - (INCLUDING PHYSICAL EDUCATION, HEALTH AND DRIVER'S EDUCATION)**

**\*\*Student will be required to purchase a SHS P.E. uniform @ \$30.00/set\*\***

**AEROBICS 1 - WEIGHT TRAINING**

1/2 credit  
Grades 10-12

The purpose of this course is to enable students to develop basic-level knowledge of aerobic activities and fitness and to maintain or improve an individualized level of fitness.

**BASKETBALL**

1/2 credit  
Grades 9-12

The purpose of this course is to provide students with opportunities to acquire basic knowledge and skills in basketball. The content includes an in-depth knowledge and application of skills, techniques, strategies, rules, and safety practices necessary to participate in the sport of basketball, and knowledge of the organization and administration of basketball activities.

**BASKETBALL 2**

1/2 credit  
Grades 9-12

It is recommended that students successfully complete the Basketball 1 course prior to taking Basketball 2 due to the progression in content and skill. However, it is NOT mandatory. The purpose of this course is to provide more in-depth instruction of the fundamental skills, tactics, rules and etiquette in basketball.~ Introduction to systems of play will be included to enhance the student's understanding.~ Advanced skills and drills which directly affect student's physical and cognitive abilities will be covered.~ Students will participate in advanced individual and team techniques in relationship to basketball strategy.~ Participate in course activities will continue to enhance healthy behaviors that influence students to participate in physical activities throughout their life.

**DRIVER EDUCATION**

1/2 credit  
Grades 9-12

*Prerequisite: Must be 15 years old, have parent permission, and corrected vision of at least 20/40.*

Specific content includes instruction within a classroom and laboratory environment in vehicle control and traffic procedures, defensive strategies for driving, natural laws and their application to driving, energy efficient and safe enjoyable vehicle ownership, physical and mental factors, legal and moral obligations, knowledge of motorcycle operations and interactions in the system, planning for safe travel to include map studies, and a comprehensive study of the effects of alcohol and drugs on driving.

**GOLF 1**1/2 credit  
Grades 9-12

This course meets an elective requirement for Physical Education. The course requirements include, but are not limited to, Safety practices, history, rules, terminology and etiquette, skills and techniques, sportsmanship, health-related fitness, consumer issues and the benefits of participation. The purpose of this course is to enable students to develop basic-level knowledge and skills in golf and to maintain or improve health-related fitness.

**HOPE - Physical Education Variation**1 credit  
Grades 9-12

The concept of this course is to develop and enhance healthy behaviors that influence lifestyle choices and student health and fitness. The content should include, but not be limited to, the following: apply fitness and health concepts, biomechanical and physiological; principles, prevention and control of lifestyle diseases - risk factor assessments, includes chronic diseases, communicable and non-communicable diseases such as HIV/AIDS, and other STDs, heart disease, diabetes, cancers, asthma, development of an individual wellness plan, responsible decision making, development of an individual nutrition plan, completion of a behavior change project, analyzing of skills related fitness, safety and injury prevention - (hydration, injury, violence, environmental issues, CPR), safety education practices, analyzing consumer information and community resources, interpersonal communication, relationships, sportsmanship, tobacco, alcohol, and other drug use and abuse - risk and protective factors, advocating for health and fitness promotion and technology application to facilitate health and fitness.

**INDIVIDUAL AND DUAL SPORTS 1 – PING-PONG**1/2 credit  
Grades 9-12*Lab Fees: \$10;*

The purpose of this course is to enable students to develop knowledge and skills in specified individual and dual sports and to maintain or improve health-related fitness. Includes but not limited to: golf, tennis, racquet ball, and archery. There is a lab fee of \$10.

**INDIVIDUAL AND DUAL SPORTS 2 – PING-PONG**1/2 credit  
Grades 9-12*Lab Fees: \$10;*

The purpose of this course is to enable students to develop further knowledge and skills in specified individual and dual sports and to maintain or improve health-related fitness. Includes but not limited to: golf, tennis, racquet ball, and archery. There is a lab fee of \$10.

**PERSONAL FITNESS TRAINER**1 credit  
Grades 9-12

This course meets an elective requirement for Physical Education. The IFPA Personal Trainer Course will provide students with a foundation of fitness knowledge and skill that will adequately prepare the student for a career as a Fitness Professional. The course contains but, is not limited to instruction in the following areas: Muscle Physiology, Cardiorespiratory Physiology, Basic Energy Metabolism, Training Adaptations, Applied Exercise Physiology, Basic Kinesiology & Musculoskeletal Anatomy, Safety & Exercise, Resistance Training, Training of the Major Muscle Groups, Flexibility, Nutritional Considerations, Adult Fitness & Special Need Populations, the Development of Effective Training Programs and Motivation, Behavior & the Personal Training Business. Practical Portion of the course will provide a program designed to allow students to have an appropriate physical activity/exercise session. Emphasis will be placed upon the acquisition of proper technique for performing, teaching and spotting specific exercise movements. Students will utilize the ideal parts of a work-out (Warm-Up, Work-Out; (Strength/Aerobic) and Cool-Down (Aerobic/Flexibility). Additionally, students will learn the anatomy of the muscular system by correlating each movement with the names, location and function of each primary and secondary muscle used to perform each exercise movement. Each student will be required to thoroughly review each assigned exercise in the IFPA PFT Manual prior to coming to class in addition to the following: (1) The name of the exercise; (2) The muscles worked (primary/secondary); (3) The IFPA Key Teaching Points (KTPS); (4) Safety Tips; (5) Spotting Technique and (6) Variations.

**SOCCER**1/2 credit  
Grades 9-12

The purpose of this course is to provide students with opportunities to acquire knowledge and skills in soccer that may be used in recreational pursuits today, as we maintain and/or improve personal fitness. The content should include, but not be limited to, in-depth rules and safety procedures necessary to participate in soccer and soccer activities. Strategies of team play, skill acquisition, and the maintenance and/or improvement of personal fitness should be stressed.

**SOFTBALL**1/2 credit  
Grades 9-12

This course provides opportunities to acquire knowledge of strategies of softball sport play, develop skills, and to maintain and/or improve health and skill related fitness. This course also includes the knowledge of application of skills, techniques, strategies, rules, and safety practices necessary to participate in the game of softball.

**TEAM SPORTS 1**1 credit  
Grades 9-12

This course provides opportunities to acquire knowledge of strategies of team sport play, develop skills in selected team sports, and to maintain and/or improve personal fitness. This course also includes the knowledge of application of skills, techniques, strategies, rules, and safety practices necessary to participate in selected team sports.

**TEAM SPORTS 2**1/2 credit  
Grades 9-12

The purpose of this course is to provide students with opportunities to acquire knowledge strategies, participate, and develop skills in selected team sports. In addition, the student will maintain and/or improve their personal fitness. Strategies of team sports play, skill acquisition, and maintenance and/or improvement of personal fitness should be stressed.

**TENNIS 1 & 2 (Ping Pong 3&4)**½ Credit  
Grades 9-12

*Lab Fees: \$10;*

The purpose of this course is to enable students to develop basic-level knowledge and skills in tennis and to maintain or improve health-related fitness. Course topics will include safety practices, rules, terminology, and etiquette; assessment of skills and health-related fitness; officiating; organization and administration of tennis activities; consumer issues; and the benefits of participation.

**VOLLEYBALL 1**1/2 credit  
Grades 9 -12

This course meets an elective requirement for Physical Education. The purpose of this course is to enable students to acquire basic knowledge and skills in volleyball and to maintain or improve health-related fitness. The content should include, but not be limited to the following: Safety practices, rules and terminology, history, biomechanical and physiological principles, techniques and strategies, sportsmanship, fitness assessment, officiating, organization and administration of volleyball activities, consumer issues, and the benefits of participation.

**VOLLEYBALL 2**1/2 credit  
Grades 9 -12

The purpose of this course is to acquire intermediate knowledge and skills in volleyball and to maintain or improve health-related fitness. This is an extension of Beginning Volleyball. The content should include, but not be limited to the following: safety practices, rules, terminology, etiquette, history of volleyball, sportsmanship, correct techniques in performing skills, strategies, officiating, organizing and administration of volleyball activities, consumer issues, and benefits of participation, fitness activities, and fitness assessments

**WEIGHT TRAINING 1**1/2 credit  
Grades 9-12

This course provides opportunities to acquire basic knowledge and skills in weight training that may be used in physical fitness pursuits today as well as later in life, improve muscular strength and endurance, and enhance body image and training.

**WEIGHT TRAINING 2**1/2 credit  
Grades 9-12

*Prerequisite: Weight training 1*

The purpose of this course is to enable students to develop intermediate-level knowledge and skills in weight training, further improve muscular strength and endurance, and further enhance self-image.

**WEIGHT TRAINING 3**1/2 credit  
Grade 10-12

*Prerequisite: Weights Training 2*

The purpose of this course is to enable students to develop advanced knowledge and skills in weight training, further improve muscular strength and endurance, and further enhance self-image.

**WEIGHT TRAINING – POWER**1/2 credit  
Grades 10-12

*Prerequisite: Weight training 2, 3*

The purpose of this course is to enable students to acquire basic knowledge and skills in power weight training and to maintain or improve health-related fitness

**WORLD LANGUAGES****FRENCH 1**1 credit  
Grades 9-11

The purpose of this course is to introduce students to the French language and its culture, and to develop communication skills and cross-cultural understanding. The content includes beginning skills in listening and speaking with special attention to pronunciation. An introduction to reading and writing is also included, as well as the fundamentals of grammar and culture. Because of the content of this course, it is not available to native speakers of the French language. Natives will be assessed by Foreign Language teachers for proper placement.

**FRENCH 2**1 credit  
Grades 9-12

*Prerequisite: French 1 and Teacher Approval*

This is an enriching course whose goal is to reinforce the fundamental skills previously acquired by the students. This course develops increased listening, speaking, reading, writing, and composition skills, as well as cultural awareness. Reading and writing receive more emphasis, while oral communication remains the primary objective. This course continues the cultural survey of French-speaking people.

**FRENCH 3 HONORS**1 credit  
Grades 10-12

*Prerequisite: French 2 and Teacher Approval*

This provides mastery and expansion of skills acquired by the students in French 2. Specific content includes, but is not limited to, expansions of vocabulary and conversational skills through discussions of selected readings. Contemporary vocabulary stresses activities which are important to the everyday life of the target language-speaking people. Students who successfully complete this Honors course are urged to continue in the study of AP French Language and Culture.

**SPANISH 1**1 credit  
Grades 9-11

This course introduces students to the Spanish language and its culture, and develops communication skills and cross culture understanding. The content includes beginning skills in listening and speaking with special attention to pronunciation; an introduction to reading and writing; and the fundamentals of grammar and culture. Because of the content of this course, this course is not available to native speakers of the Spanish language. Natives will be assessed by Foreign Language teachers for proper placement.

**SPANISH 2**1 credit  
Grades 9-12*Prerequisite: Spanish 1 and Teacher Approval*

This course reinforces the fundamental skills acquired by the student. The course develops increased listening, speaking, reading, and writing skills as well as cultural awareness. Reading and writing receive more emphasis, while oral communication remains the primary objective. This course continues the cultural survey of Spanish-speaking people.

**SPANISH 3 HONORS**1 credit  
Grades 10-12*Prerequisite: Teacher Approval*

The content of this course is designed for those students who possess previously acquired skills and knowledge of the Spanish language and wish to expand these skills and knowledge to an advanced level. This course emphasizes advanced grammar and focuses on increasing the students' ability to speak, read and write Spanish.

**SPANISH 4 HONORS**1 credit  
Grades 11-12*Prerequisite: Spanish 3 Honors and teacher approval*

This course provides more advanced language structures with emphasis on conversational skills.

**CREDIT RECOVERY/GRADE ENHANCEMENT**

The Credit Recovery\*/Grade Enhancement\* program is a computer assisted performance-based program offered to mainstream students who may benefit from some assistance to remain in their appropriate grade level by retaking courses necessary for graduation.

*\*Credit recovery refers to a subject that a student has taken but failed.*

*\*Grade enhancement refers to a subject previously taken where the student earned a "D".*

Candidates must be approved for placement by their guidance counselor. Students must be prepared to work hard for their goals, and be willing to take command of their own education. The program provides a structured positive environment for learning, where academic and career and technical skills produce successful results.

Students interested in placement in Credit Recovery/Grade Enhancement must see their counselor for consideration.





## **EXCEPTIONAL STUDENT EDUCATION (ESE)**

Sickles High School offers programs for students who receive services for Behavior Disorders, Specific Learning Disabilities, Autism and Intellectual Disabilities in a varying exceptionality model.

Secondary students with disabilities seeking a regular diploma must meet all graduation standards as adopted by the Hillsborough County School Board.

CO-TEACH is an instructional delivery option in which the general educator and the special educator collaboratively plan lessons, teach lessons, and evaluate student progress in order to meet the needs of all students in the general education classroom. The primary purpose of this model is to expand delivery models of instruction for serving students with a disability in general education classrooms.

### **AUTISM SPECTRUM DISORDER PROGRAMS**

The Autism Spectrum Program emphasizes academics on a functional level based on the Sunshine State Standard Access Points. Areas of specific/individual needs that are addressed are social and affective behaviors, self-help, independent living skills, communication skills, and pre-vocational skills. The philosophy is that a consistent, highly structured environment with community awareness will assist individuals with autism to develop skills leading to a semi-independent or independent life-style.

### **VARYING EXCEPTIONALITIES**

The model provides multisensory instruction, which emphasizes academic growth, organization, study skills, and social development. Teachers offer a variety of instructional approaches and curriculum accommodations according to individual needs. These strategies are presented in various flexible group settings. The primary goal is to promote maximum gains and successful integration of the student within the regular education setting.

### **INTELLECTUAL DISABILITIES**

The purpose of the Intellectual Disabilities (InD) program is to provide academic, physical, social, personal, and career education so the students, to the best of their ability, become independent, fully functioning members of society. Underlying the InD instructional program is a philosophy which functions to guide the educational decisions made on behalf of the students served. The premises which support this philosophy are: students with an InD have a greater need than most students to practice skills, have a basic need for self-worth, and teachers of students with an InD are the key contributors to the comprehensive educational program offerings. These teachers are familiar with the needs of this population and are specially trained to teach these students.

