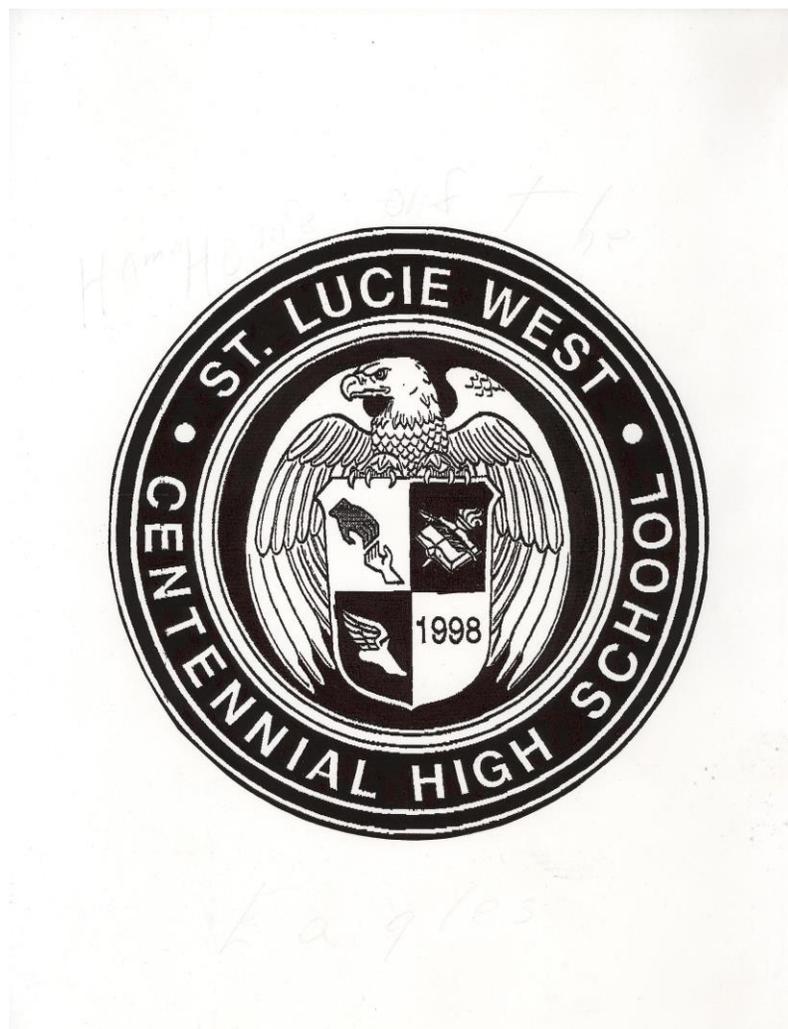


*The Legacy Continues*

# **ST. LUCIE WEST CENTENNIAL HIGH SCHOOL**



**2020-2021**

## **Curriculum Guide**



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*Greetings Eagle Families:*

*Welcome to a new year at Saint Lucie West Centennial High School. We have been working hard to create an educational environment that is personalized, rigorous and relevant. Families will be part of the process and our business partners, post-secondary colleges, and our community partners have all rallied to support this transformation in our school. We are working to ensure that our courses prepare students for ongoing education after they graduate as well as creating increased opportunities for students to take higher level classes while they are still a part of our student body. We believe that all of our students need to be prepared to enter credit bearing college courses should they choose to enter college upon graduation; therefore, you will see an increase in expectations accompanied by personalized support. We also offer students the opportunity to take Advanced Placement and AICE courses. These courses are college level courses that will earn college credit if the AP or AICE Exam is passed. Students will also have the opportunity to attend Dual Enrollment courses at Indian River State College or on Centennial's campus as upperclassmen.*

*We also encourage students to be part of our sports teams and extra-curricular activities that are so important to high school life. As we plan for this next school year, we look to providing you with an educational experience that meets or exceeds our state requirements, leads to success after graduation, and makes the high school years rigorous, relevant, and personalized.*

*As you work through this book with your school counselor, teachers, and as a family you will be making important choices. Please ask questions and choose wisely. Once course selections are made, resources are allocated based on student selection, making it difficult for changes in programs the following year. So again, please use the resources available and make your final selections wisely.*

*With Great Eagle Pride,*

Andrea Popwell, Principal

# GENERAL INFORMATION

## GUIDANCE SERVICES

The School Counselors of St. Lucie West Centennial High School assist students in developing a realistic picture of their progress in relation to their potential. The School Counselor provides academic advising, orientation services, consultation with parents and teachers, college and career information, referral services, coordination of standardized testing, and assistance to students, parents, teachers, and other professionals in providing a sound educational program for all students. Professional counselors assist in a confidential manner with personal, socio/emotional issues when requested.

## ESE SERVICES

A continuum of services is offered through our Exceptional Student Education Department (ESE). The services include support facilitation, consultative services, resource settings, self-contained settings, and related services. Services offered to students must be identified on the Individual Education Plan (IEP).

## THE MINIMUM CORE FOR COLLEGE PREP

The State University System consists of eleven institutions providing limited access for post-secondary education. MINIMUM requirements are as follows:

Nineteen (19) units in college preparatory courses. The following distribution of the 19 units is required:

English	4
Math (at Algebra I and above levels)	4
Natural Science	3
Social Science	3
Foreign Language	2
Academic Electives	3

## Bright Futures

Florida Legislative Session 2011 Updates and Legislative History

SB2000 General Appropriations Act (GAA) Specifies Florida Bright Futures Scholarship Program award amounts per credit hour in the 2013-14 academic year. [www.FloridaStudentFinancialAid.org/SSFAD/bf/awardsmt.htm](http://www.FloridaStudentFinancialAid.org/SSFAD/bf/awardsmt.htm) 2020-21 for Bright Futures award amounts or see below.

- FAS – 100 hours
- FMS – 75 hours
- GSV – 30 hours
- Submission of the *Free Application for Federal Student Aid (FAFSA)* is NO LONGER required, however, students are encouraged to submit the FAFSA to learn of potential eligibility for additional state and federal aid.

## **Test Score Requirements for Florida Academic Scholars and Florida Medallion Scholars**

High School Graduation Year	SAT*	ACT**
<b>Florida Academic Scholars</b>		
2020-21	1330	29
<b>Florida Medallion Scholars</b>		
2020-21	1200	25



## **PREPARING FOR COLLEGE**

### **Grade 9**

- ✓ Take schoolwork seriously because 9<sup>th</sup> grade counts toward Bright Futures Scholarships.
- ✓ Take college prep courses
- ✓ Begin to build your personal resume. Include any school, religious organization or community activities you join as well as any awards or honors you receive.
- ✓ Complete a 4 year plan
- ✓ Begin looking at colleges in general, vocational tech schools, or the military based on your long range goals.
- ✓ Plan to take computer/technology courses now. With today's technology focus, these skills are extremely important!
- ✓ Get involved in quality activities
- ✓ Start a file on colleges and college materials
- ✓ Visit <http://connection.naviance.com/slwc>. Set up your Naviance account on line. Also, create a portfolio to review your academic standing for Bright Futures Scholarships.

### **Grade 10**

- ✓ Take the PSAT in October. The PSAT gives you good practice for standardized testing for college entrance. *It also is used in determining eligibility for Advanced Placement courses.*
- ✓ Attend the local College and Career Night. Numerous colleges, universities, and businesses allow you to browse and ask questions and to collect brochures about their organizations.
- ✓ Meet with your School Counselor to discuss your 4 year plan and make any adjustments to your courses for the future. Discuss your eligibility for honors, dual enrollment, or AP level courses based on your successes last year and this year.
- ✓ Begin planning for college visits with your family. See the campus in person and visit with college students as well as admission representatives.
- ✓ Consult SAT preparation software, books, or tutorial classes to become comfortable with the types of questions on the test and how to work with time limits.

- ✓ Continue to add materials to your college file.

### **GRADE 11**

- ✓ Take the PSAT. *This year it will count for qualifying for the National merit Scholarship.* Check the box that allows your profile to be sent to interested colleges.
- ✓ Attend the local College and Career Night. Ask specific questions about degree programs, admissions procedures, financial aid, and campus life. Add material to your college file.  
Plan when to take both the SAT ([www.collegeboard.org](http://www.collegeboard.org)) and the ACT ([www.actstudent.org](http://www.actstudent.org)) Depending on your test taking strengths/weaknesses, you may want to take them in the fall and again in the spring. Colleges will always take your best subtest on each test to use for admission purposes. Plan to take the SAT–II Subject Test(s) after completing specific advanced course work (if needed for college).
- ✓ Continue updating your resume. Add in clubs, leadership positions, and activity involvement.
- ✓ If interested in athletic scholarships, contact the athletic department at the college of your choice.
- ✓ Start researching scholarship and financial aid directories. You may also go online and research scholarships at [www.fastweb.com](http://www.fastweb.com), [www.collegeboard.com](http://www.collegeboard.com), and <http://connection.naviance.com/slwc>
- ✓ Spend spring break visiting college campuses. Check on schools of various sizes and locations, both in and out of state.
- ✓ Get a head start on writing your college essays. They often take more time than you think so don't wait until the hectic senior year.
- ✓ Review your profile on [www.flvc.org](http://www.flvc.org) for eligibility for Bright Futures Scholarships.

### **Grade 12**

- ✓ Prepare college application packages Review deadlines and requirements. Line up letters of recommendation early. Give teachers, employers, or other adults at least two weeks to complete the recommendation forms. Include a stamped, addressed envelope with each request.
- ✓ Meet with your School Counselor for your schedule and senior credit check.
- ✓ Complete paper or online college applications by the end of October. Let

your counselor know when you hear from your colleges on admission.

- ✓ Take or retake the SAT and ACT if needed for admission scores or scholarship cut off scores.
- ✓ Visit college campuses for final decisions. Attend classes if possible and see the dorms.
- ✓ Apply for Bright Futures Scholarships after October 1<sup>st</sup>.  
[www.floridastudentfinancialaid.org](http://www.floridastudentfinancialaid.org)
  - ✓ File the FAFSA as soon after October 1<sup>st</sup> as possible. The application can be completed online at [www.fafsa.ed.gov](http://www.fafsa.ed.gov).
  - ✓ Have parents attend the fall Financial Aid Workshop
  - ✓ Take SAT-II Subject Tests if needed for your colleges.
  - ✓ Provide school counselors with requests for mid-year senior grades, if required by a college or university.
  - ✓ Wait for college admission decision and financial aid award letters!
  - ✓ Make your final decision based on the college best suited for your personal academic goals and financial needs.
  - ✓ Send housing application deposit for selected college.
  - ✓ Notify all colleges immediately when you make a decision. This frees up places for other students.
  - ✓ Attend Scholarship Night if you are receiving a local scholarship.
  - ✓ Send thank you notes to anyone assisting you during the admission's process.
  - ✓ Breathe a big sigh of relief!

### **SUMMER SCHOOL**

Summer School is provided through the District and may not be provided for all students. Currently, summer school is limited to seniors and ESE students. Students who have course deficiencies are encouraged to attend summer school. The summer session may be attended for retaking a failed course. Students are urged to read summer school policies prior to enrolling in the program, as there are rule differences relating to attendance, discipline, transportation, etc.

### **SCHEDULE CHANGES**

Students will be able to request changes to their schedules beginning with the second day of each semester. The student must submit a completed Request for Schedule Change form no later than four days following the beginning of each semester. Changes are done on a first come/first served basis, with the upperclassmen receiving first priority.

Schedule changes will ONLY be considered for the following reasons:

- Computer errors due to miscoding, dropping of a section, etc.
- Student has failed to meet the prerequisite for the next level.
- A level change (up or down); parent/teacher/student conference is required.
- Student scheduled for course in which a passing grade was previously recorded.
- Senior needing a course for college or graduation.
- Administrative change

Requests for elective class changes after the 1<sup>st</sup> and 3<sup>rd</sup> nine weeks will result in a failing grade in the new class for that marking period. For this reason such requests generally will be denied because of the effect on the student's GPA.

### **ADMINISTRATIVE CHANGES**

St. Lucie West Centennial High School reserves the right to change individual student schedules to comply with School Board and Department of Education policies. These changes may occur due to changes in the student population or faculty allocation. Changes will be made to balance classes and teacher loads when necessary. Every effort will be made not to disrupt the educational process when such changes become necessary.

### **COURSE CREDIT**

Students will receive 1.00 credit for each subject satisfactorily completed over the period of one school year. For those courses classified as semester courses, .50 credits will be awarded.

## **GRADES**

The grade for the semester will be determined by each nine-week grade and the semester exam. Two F's in any combination constitute an automatic failure for the semester.

Grading System:

Grade	Percentage	Definition
A	90-100	outstanding
B	80-89	above average
C	70-79	average
D	60-69	lowest acceptable
F	0-59	unacceptable

When computing grade point averages, letter grades will count as follows:

A = 4   B = 3   C = 2   D = 1   F = 0

Honors classes receive a .02 weight; Dual Enrollment, AICE, and Advanced Placement courses receive a .04 weight factor.

## **CLASSIFICATION OF ACHIEVEMENT**

Each academic program at St. Lucie West Centennial provides for different rates and means of reaching educational goals. Courses are designed to meet the individual needs of students. Students are placed in courses with different achievement levels based on past records, test scores and teacher recommendations.

Standard	Classes designed for students who have an average background of achievement.
Honors	Classes designed for students who are self-motivated and have demonstrated advanced achievement.
Advanced Placement	University level classes designed to award high school credit, and based on AP exam results, may award college credit.
Dual Enrollment	University level classes designed to award both high school and college credit to students who meet the requirements.

AICE                      University level classes designed to award high school credit, and based on AICE exam results, may award college credit.

## **STANDARD DIPLOMA DESIGNATIONS**

### **Scholar Designation**

- Based on the student's entering grade nine (cohort). Refer to s.1003.4285, F.S.

### **Merit Designation**

- Attain 1 or more industry certifications under s.1003.492, F.S.



**STUDENTS ENTERING GRADE NINE IN THE 2013-14 SCHOOL YEAR (and beyond)**

<b>Subject Area</b>	<b>Graduation Requirements of 24 Credit Program s.1003.4282F.S</b>	<b>Graduation Requirements for ACCELL 18 Credit Program</b>
English Language Arts (ELA)	4 credits must be in ELA I, II, III, and IV	4 credits must be in ELA I, II, III, and IV
Mathematics	4 credits, one of which must be Algebra I (passing score on EOC in order to earn diploma and score will count for 30% of course grade) or its equivalent, one of which must be Geometry (EOC will count for 30% of course grade) or its equivalent.	4 credits, one of which must be Algebra I (passing score on EOC in order to earn diploma and score will count for 30% of course grade) or its equivalent, one of which must be Geometry (EOC will count for 30% of course grade) or its equivalent.
Science	3 Science credits: 1 credit Biology I (EOC will count as 30% of the course grade) or an equivalent course or a series of courses, two equally rigorous courses and two of the three must have a lab component,	3 Science credits: 1 credit Biology I (EOC will count as 30% of the course grade) or an equivalent course or a series of courses, two equally rigorous courses and two of the three must have a lab component,
Social Studies	1 credit World History 1 credit United States History .5 credit United States Government .5 credit Economics with Financial Literacy	1 credit World History 1 credit United States History .5 credit United States Government .5 credit Economics with Financial Literacy
Foreign Language	Not required for high school graduation, but required for admission into state universities	
Fine Arts or Performing Arts, Speech, Debate, or Practical Arts courses specified	1 credit in Fine or Performing Arts, Speech and Debate, or Practical Arts (eligible courses specified in Course Code Directory)	1 credit in Fine or Performing Arts, Speech and Debate, or Practical Arts (eligible courses specified in Course Code Directory)
Physical Education	1 credit of HOPE PE or HOPE Core or .5 credit Personal Fitness and .5 credit P.E. elective	Not Required
Electives	8 credits • 8 credits in elective courses, individual elective courses or intensive reading or mathematics intervention courses	3 credits in electives
<b>Total</b>	<b>24 credits</b>	<b>18 credits</b>
State Assessment Requirements	Passing scores on the Grade 10 Reading FSA and the Algebra I EOC or scores on a standardized test that is concordant with passing scores on the FSA/Algebra EOC (ACT or SAT); Geometry and Biology EOC will count as 30% of course grade	Passing scores on the Grade 10 Reading FSA and the Algebra I EOC or scores on a standardized test that is concordant with passing scores on the FSA/Algebra EOC (ACT or SAT)
Grade Point Average (GPA) Requirements	Cumulative GPA of 2.0 on a 4.0 scale	Cumulative GPA of 2.0 on a 4.0 scale

**\*Please note:** End of Course Assessments: Students may participate in a Credit Acceleration Program (CAP) to allow a student to earn high school course credit by attaining a passing score on the corresponding statewide standardized End of Course assessments.

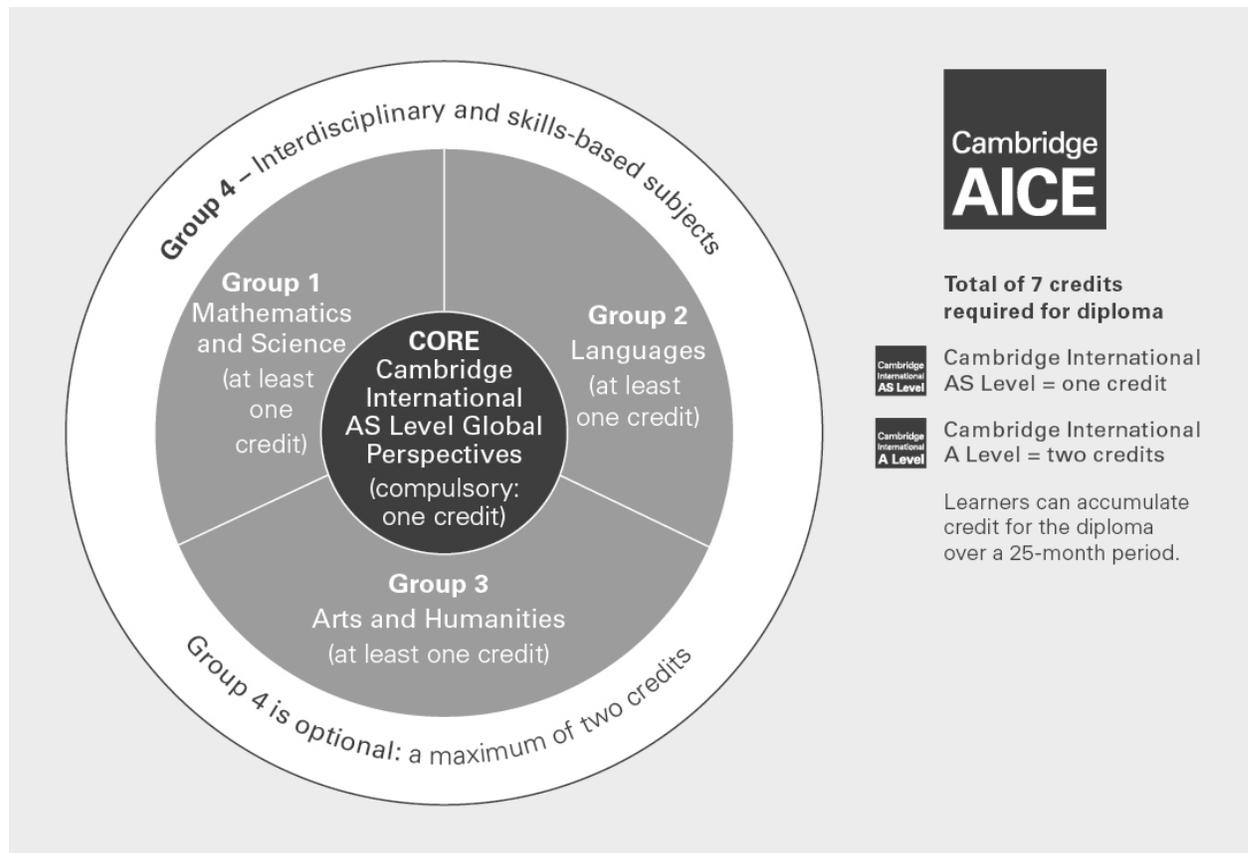
## Advanced International Certificate of Education (AICE) Program

The Cambridge Advanced International Certificate of Education (AICE) is an international program whereby students earn college credit through an advanced academic curriculum and written assessment program. Tests are administered through a non-profit department, Cambridge International Examinations (CIE) of the University of Cambridge in England. AICE courses and examinations will be offered in grades 9-12.

The AICE course of study aims to provide a broad and international curriculum, equip students to cope successfully with the demands of higher education, provide professional assessment of student performance on internationally recognized standards of achievement, increase appreciation of world cultures, and create positive learning experiences for students.

The Cambridge AICE curriculum is comprised of courses that are divided into four subject groups: Mathematics and Sciences, Languages, Arts and Humanities, and Interdisciplinary and skills-based subjects.

AICE courses can be taken in two ways: as individual subject examinations, or as qualifications towards the AICE Diploma. Cambridge learners must take a minimum of seven (7) AICE courses to qualify for the AICE Diploma. Learners may select courses from subject Groups 1, 2, 3, and 4 to be awarded the AICE Diploma. Learners must earn at least one credit from each of the Groups 1, 2, and 3, and the mandatory core course of Global Perspectives. As an option, students may earn a maximum of two credits in Group 4.



<b>Group 1: Mathematics and Sciences</b>	<b>Group 2: Languages</b>	<b>Group 3: Arts and Humanities</b>	<b>Group 4: Interdisciplinary &amp; Skill</b>	<b>Core: (mandatory for AICE Diploma)</b>
AICE Environmental Management  AICE Marine Science  AICE Psychology	AICE English Language  AICE Spanish Language  AICE English Literature	AICE English Literature  AICE European History  AICE United States History  AICE Geography  AICE Psychology  AICE Sociology	AICE General Paper  AICE Thinking Skills	AICE Global Perspectives

<b>AICE Cambridge Pathway</b>			
9th Grade	10th Grade	11th Grade	12th Grade
AICE General Paper	AICE General Paper	AICE General Paper	AICE General Paper
AICE Geography	AICE Geography	AICE Geography	AICE Geography
	AICE English Language	AICE English Language	AICE English Language
	AICE Spanish Language	AICE Spanish Language	AICE Spanish Language
	AICE European History	AICE European History	AICE European History
	AICE Thinking Skills	AICE Thinking Skills	AICE Thinking Skills
	AICE Psychology	AICE Psychology	AICE Psychology
	AICE Sociology	AICE Sociology	AICE Sociology
	AICE Global Perspectives	AICE Global Perspectives	AICE Global Perspectives
	AICE Environmental Management	AICE US History	AICE US History
		AICE English Literature	AICE English Literature
		AICE Marine Science	AICE Marine Science
		AICE Environmental Management	AICE Environmental Management

For information, please contact AICE Coordinator: Mrs. Sandra Oliveira at 772-344-4400 (ext: 8422) or at [Sandra.oliveira@stlucieschools.org](mailto:Sandra.oliveira@stlucieschools.org) or in room E-109.

## Admissions

Students must submit an application to the AICE office to be reviewed. The criteria reviewed includes:

- Grades (minimum 3.0 GPA on core academic subjects)
- FCAT/FSA Scores (minimum 3 or above) or comparable national examinations
- Teacher recommendations (one with each from English, Math, and Science).
- Conduct Records
- Attendance Records
- Students who are enrolled in an AICE course may not drop the course unless they are receiving a grade of a D or an F after the first 9-week grading period.
- AICE classes earn an extra .04 weight factor per semester when averaging grade point averages. Class rank is determined by a weighted GPA.

**Characteristics** - What characteristics are apparent in an AICE Student?

- Self-motivated
- Self-disciplined
- Excellent expressive writer
- Good time manager
- Organized
- Possesses leadership qualities
- Passionate about learning

## AICE Benefits

- The Advanced International Certificate of Education (AICE) program is an international diploma program through the University of Cambridge in England.
- AICE courses and examinations are equivalent to first year college and university courses (See Course Equivalents for more detail).
- Students who pass the seven examinations may be awarded the AICE Diploma directly by the University of Cambridge. Students who do not earn the AICE Diploma may receive college credit for exams passed.
- AICE teachers at St. Lucie West Centennial High School are trained and certified directly by Cambridge. Each course strictly follows a course syllabus that is designed by Cambridge professors.
- AICE students who earn the AICE Diploma are eligible for the Florida Bright Futures Scholarship.
- Rigorous college preparatory.
- Students who earn an AICE Diploma may earn a cord to wear at graduation.
- Cambridge AICE classes have CRITICAL THINKING at its core which prepares students for college and life-long learning.
- The program is FLEXIBLE (students can tailor their AICE class selections to their areas of interest and strengths).
- AICE is internationally recognized for its merit in preparing students for post-secondary/college SUCCESS!!
- AICE advanced level courses are equivalent to International Baccalaureate and Advanced Placement (AP) courses.
- The AICE learner and teacher must be confident reflective innovative and engaged.

### Additional Benefits for Students

*The AICE program offers students one of the most demanding and rigorous college preparatory programs in the world.*

*The State of Florida Universities and the Bright Futures scholarship Program each award 1 extra quality point (GPA) for students who successfully complete an AICE course with the highest rating (e or better).*

*Students have the opportunity to earn an AICE Diploma directly from the University of Cambridge. AICE diploma recipients who have earned 100 hours of community service are eligible for the Florida Academic Scholars Award through the Bright Futures Scholarship.*



IRSC

**DUAL ENROLLMENT**  
College and High School Credit

SLWCHS

Indian River State College (IRSC) and the St. Lucie County School Board have an articulation agreement whereby eligible high school students may enroll in certain college courses. Dual Enrollment is a wonderful opportunity, but students and their parents must be aware of the risks as well. Please note that universities weight Dual Enrollment, AICE, Advanced Placement and International Baccalaureate classes equally.

**ELIGIBILITY**

- Completion of a minimum of 4.0 high school credits
- Cumulative grade point average 3.0 or above (unweighted)
- Qualifying test scores on SAT/ACT/PERT

**Important Notes:**

- 1) Students must be aware that dual enrollment course work is college course work and **the student is expected to be motivated, self-directed and adept at time management.**
- 2) First time dual enrollment students cannot participate in more than two, 3-credit courses during their first semester. One of the two courses must be SLS 1101 (requires PERT Reading score of 106). On campus DE courses will not count toward this maximum total.
- 3) The college GPA earned from Dual Enrollment classes will be the college GPA when the student begins full-time college studies. There is no asterisk indicating it was taken while the student was in high school. Students are considered to be college students, with all the respective responsibilities of college students. Therefore, students need to be aware that while a 'C' will earn college credit, it may negatively impact their college GPA for future graduate school admissions, as well as for scholarship eligibility.
- 4) **Students are also expected to research their intended major at their intended 4 year college to ensure Dual Enrollment classes are applicable to their intended program of study.** Although all colleges and universities in the State University System are required to accept the credits earned, they may not apply them to their college major. Out of state schools are not bound to a requirement to accept the credits. Each student must research to ensure they are not taking unnecessary credits, as this may affect their financial aid eligibility later in their college career.
- 5) ***Effective Fall 2009, students entering a Florida community college, state college, or state university for the first time in Fall, 2009, and thereafter, will be subject to the state statute on excess hours which could result in a surcharge on tuition. This charge will be applied for each credit hour in excess of 120% of the number required to complete the baccalaureate degree program. Students should regularly review their degree audits and consult with an academic advisor to make sure they are not enrolling in excess courses.*** (Florida Statute 1009.286) In addition, there may be more restrictive credit rules for financial aid. Please check with your post-secondary institution.
- 6) Classes chosen need to meet high school graduation requirements, as well as the student's intended program of study at a college/university.

- 7) If classes are during the regular school day, students must obtain a parking permit and complete and return the form per school policy (i.e. *Policy for Students with Abbreviated Schedules* with parking rules)
- 8) Students may only take a maximum combined (assigned high school and Dual Enrollment) schedule of 7 classes, unless otherwise approved by the principal.
- 9) Beginning in the Spring 2016 semester, all dual enrollment students must complete SLS 1101 – Student Success during their first semester of dual enrollment or will be ineligible to continue dual enrollment courses in future semesters. Students who have participated in IRSC’s dual enrollment program prior to the spring 2016 semester are encouraged to enroll in the course but are not required to do so
- 10) Students are assigned an IRSC advisor and given his/her name and contact information. Students will need to schedule an appointment during their first semester of DE. All Dual Enrollment students are required to complete an orientation class, which includes meeting with their IRSC advisor sometime during their first semester to map out their program of study. (Please note that during peak registration times – 2 weeks prior to starting classes – students will not be able to schedule an appointment, so students must plan accordingly). Students must become familiar with the IRSC website, especially the course listings, and programs and careers sections.
- 11) **To drop, add or withdraw from a dual enrollment class, the student MUST meet with high school counselor.** Upon withdrawal from or completion of the course, the student must return all dual enrollment books to the district bookstore Students will need to return all dual enrollment books from one semester before being allowed to pick up books for the next semester.
- 12) The grades earned from Dual Enrollment courses, including any Ws, Ds, & Fs will always remain on the student’s college transcript. A student earning a ‘W’, ‘D’, or ‘F’ in Dual Enrollment class and wishing to take the course again will do so at his/her own expense. If a student retakes a class and earns a ‘C’ or better, the ‘D’ or ‘F’ **is NOT** removed from the transcript. [also see #13 and #14]
- 13) Students who withdraw from a course (after the w/d period) cannot take additional dual enrollment classes until they have retaken and completed the course at their own expense *or* during the summer. Dual enrollment students must present a high school approval form [TBD by college] to their college instructor before a college instructor will withdraw a student. Dual enrollment students must also adhere to all of the College’s withdrawal procedures.
- 14) Students who fail a dual enrollment course cannot enroll in additional dual enrollment courses until they have retaken and completed the course they failed at their own expense *or* during the summer.
- 15) Students will be limited to a maximum of 60 credit hours of dual enrollment. At the request of the school district, exceptions can be made for students graduating high school in 2016 and 2017. A request must be made in writing from a school district official. Requests must be sent to IRSC’s Vice President of Academic Affairs.
- 16) Students recommended for secondary school expulsion and who are assigned to an alternative school setting may be ineligible for dual enrollment while attending the assigned alternative school. Students enrolled in dual enrollment courses prior to an assignment at an alternative school may be permitted to complete their dual enrollment course(s) but may not be permitted to enroll in additional classes as previously described.
- 17) If student receives an incomplete, *it is the sole responsibility of the student to notify the school when the final grade/grade change posts.* The general grade change notification policy during senior ranking also applies to DE grade change posts (see Student Progression).

## ADVANCED PLACEMENT College and High School Credit

### UNIVERSITY BOUND STUDENTS

**A.P.** Advanced Placement is a college preparatory curriculum for the motivated high academic achiever. It is intended to prepare students to be successful upon entry into a four-year university. The opportunity to pursue a challenging, in-depth study of English, math, science, social studies, foreign language, and fine arts may be provided based on course availability. A qualifying score on the final comprehensive exam will award college credit that is recognized at universities across the country. **Students that sign up to take the AP exam and then DO NOT take the exam will be charged a fee of \$13.00 for the unused exam. Outstanding fees will be placed on the obligation list. Students who drop an AP class and still want to take the AP exam must pay for the entire cost of the AP exam, \$84.** Due to the demanding nature of these courses, it is imperative that a high-level academic environment exist and that the student is dedicated to learning, is highly motivated, and is willing to put forth the effort for courses of this intensity. **Students who are enrolled in an AP course may not drop the course unless they are receiving a grade of a D or an F after the first 9-week grading period.** Visit the College Board website at [www.collegeboard.com](http://www.collegeboard.com)

### Weighted Grade Point Average

AP classes earn an extra .04 weight factor when averaging grade point averages. Class rank is determined by a weighted grade point average.

#### **Eligibility:**

Honors classes in core subjects  
Grade point average - 3.0  
Above average test scores  
PSAT (College Board recommendation)  
Passing score on FSA  
Attendance  
Teacher recommendations

#### Available AP Courses:

Calculus AB and BC  
Statistics  
Computer Science A  
Biology  
Physics  
American Government

## ABBREVIATED SCHEDULE

**Grade 12** – If a schedule can be developed that has no gaps during the day (must arrive after the first period of the day or leave prior to the last period of the day; a minimum 2.0 GPA; is enrolled in any required remedial classes based on graduation assessments; *the student must have their own transportation or be dropped off and picked up by an approved family member.* **Students who are regularly tardy or do not leave campus when course schedule is through for the day will be scheduled for a full day of courses.**



### ONLINE COURSES FOR HIGH SCHOOL CREDIT

## FLORIDA VIRTUAL SCHOOL

Middle and senior high school students are eligible to enroll in the Florida Virtual School. The courses offered are teacher-facilitated and available throughout the state. Courses are based upon the same criteria as those taught in the standard high school program and, therefore, generate the same credit for students. Middle school students may earn credit only in those courses designated as "acceleration" courses as indicated above. Students may obtain more information about any of these opportunities for acceleration from their school counselors. **Courses must be approved by a school counselor.** Additional information about the Florida Virtual School can be found at [www.flvs.net](http://www.flvs.net) See page 25 for a list of FLVS courses.



## MOSAIC DIGITAL ACADEMY

A virtual school experience with a personal touch. This self-selecting, student-parent choice option is designed for kindergarten through grade 12 students whose primary residence is St. Lucie, Martin, or Okeechobee counties. Virtual schooling is a progressive choice for families, providing expanded educational services, utilizing online curriculum, to a wider student community for anywhere, anytime learning. What really makes Mosaic Digital Academy's virtual program unique is the local and personal experience students get by participating in school clubs, field experiences capturing learning opportunities in our tri-county region, face-to-face tutoring with teachers, and student-centered workshops designed to ensure learning goals are met for every student. Additional information can be found at <http://schools.stlucie.k12.fl.us/mda/> See page 25 for a list of MDA courses.

## TALENTED 20

The Talented Twenty Program is part of the Governor's One Florida Initiative. Students eligible for the Talented Twenty Program are guaranteed admission to one of the eleven state universities, and are given priority for award of funds from the Florida Student Assistance Grant (FSAG). The FSAG program is a need-based grant; therefore, Talented Twenty students must meet FSAG eligibility requirements in order to be eligible for priority funding. Please note that while eligible students are guaranteed admission at one of the state universities, they may not be admitted to the campus of choice.

### QUALIFICATIONS:

In order to qualify for the Talented Twenty Program, one must:

- be enrolled in a Florida public high school and graduate with a standard diploma.
- be ranked in the top 20% of the class after the posting of seventh semester grades (with validation of the eighth semester ranking) for students enrolled in the 4-year, 24-credit option.

For students in either one of the two 3-year, 18-credit options, the ranking will occur after the posting of the fifth semester grades (with validation of the sixth semester ranking). • take the ACT or SAT (with no minimum score required). • complete all eighteen college preparatory courses as specified in State Board of Education Rule.

<http://www.fldoe.org/Talented20/>

## CAREER ACADEMY PROGRAMS

St. Lucie West Centennial High School Career Academy Programs provide students with a carefully planned program of study throughout high school. Our programs correlate course work with career goals. Students prepare for the future job market and choose a career-oriented program of study. Students must complete three courses in one academy in order to qualify for the Gold Seal and/or scholarships.

**\*\*\* Career and Technical courses that satisfy the Arts graduation requirement for students that entered high school in the 2015-2016 school year and thereafter.**

### Academy of Communication and Multimedia Technology

- Digital Information Technology \*\*\*
- Game & Simulation Animation I – IV\*\*\*
- Digital Design I – IV\*\*\*
- Digital Video Technology I – VI \*\*\*
- Digital Audio Production I \*\*\*
- Computer Science A

### ACADEMY OF CULINARY ARTS

- Culinary Arts I
- Culinary Arts II/III \*\*\*
- Culinary Arts IV
- Hospitality & Tourism Directed Study

### ACADEMY OF MEDICAL SCIENCE

- Health Science Anatomy & Physiology
- Health Science Foundations/Allied Health Assisting III
- Nursing Assistant 3
- EKG Technician
- Emergency Medical Responder 3
- Directed Studies

### ACADEMY OF EARLY CHILDHOOD

- Early Childhood I
- Early Childhood II
- Early Childhood III/IV \*\*\* (3 only)

### ACADEMY OF CRIMINAL JUSTICE

- Criminal Justice Operations I
- Criminal Justice Operations II
- Criminal Justice Operation III
- Criminal Justice Operation IV

### ACADEMY OF OUTBOARD MARINE SERVICE TECHNOLOGY

- Outboard Marine Service I
- Outboard Marine Service 2
- Outboard Marine Service 3
- Outboard Marine Service 4

### ACADEMY OF NAVAL JROTC

- Naval Science I – IV

# COURSE OFFERINGS



ST. LUCIE WEST CENTENNIAL  
EAGLES

**2020-2021**

# EAGLE CURRICULUM GUIDE 2020-2021

EN - English      AH - American History      LM - Life Management Skills      EC - Economics  
 MA - Mathematics      AG - American Government      PF - Performing Arts      SC - Science  
 WH - World History      PE - Physical Education      EL - Elective Credits      VO - Practical Arts

STATE #	COURSE TITLE	PREREQUISITE *	GRADE LEVEL	CREDIT AMT	KIND
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## ALLIED HEALTH

8417100	Health Science Anat & Phys		10-11	1.0	VO
8417110	Health Science Foundations	Hlth Sc A & P	11-12	1.0	VO
8417131	Allied Hlth Assist III	Hlth Sc Found	11-12	1.0	VO
8417211	Nursing Assistant 3	Acad Completer	12	1.0	VO
8427130	Electrocardiograph Technician	Acad Completer	12	1.0	VO
8417171	Emergency Medical Responder 3	Acad Completer	12	1.0	VO
8400100	Health Science Directed Study	Acad Completer	12	1.0	VO

## ART

0101300	Two-Dimensional Art 1		9-12	1.0	PF
0104340	Drawing I	2-D Art 1	10-12	1.0	PF
0104350	Drawing II	Drawing I	11-12	1.0	PF
0102300	Ceramic/Pottery I	2-D Art 1	10-12	1.0	PF
0102310	Ceramic/Pottery II	Cer/Pott I	11-12	1.0	PF
0108310	Creative Photo I	2-D Art 1	10-12	1.0	PF
0108320	Creative Photo II	Photo I	11-12	1.0	PF
0109310	Portfolio I	Drawing I	11-12	1.0	PF
0109320	Portfolio II	Portfolio I	12	1.0	PF

## BAND, MUSIC, & CHORUS

1302320	Band III (Concert Band)	*	9	1.0	PF
1302330	Band IV (Concert Band)	*	10	1.0	PF
1302340	Band V (Concert Band)	*	11	1.0	PF
1302350	Band VI (Concert Band)	*	12	1.0	PF
1302320XS	Symphonic Wind Ensemble III	Director Approval	9	1.0	PF
1302330XS	Symphonic Wind Ensemble IV	Director Approval	10	1.0	PF
1302340XS	Symphonic Wind Ensemble V	Director Approval	11	1.0	PF
1302350XS	Symphonic Wind Ensemble VI	Director Approval	12	1.0	PF
1302420	Instrument Tech I (Percussion)	*	9-12	1.0	PF
1302430	Instrument Tech II (Percussion)	I	10-12	1.0	PF
1302440	Instrument Tech III (Percussion)	II	10-12	1.0	PF
1302450	Inst Tech IV Honors (Percussion)	III	11-12	1.0	PF
1302500	Jazz Ensemble I	Director Approval	9-12	1.0	PF
1302510	Jazz Ensemble II	Director Approval	10-12	1.0	PF
1302520	Jazz Ensemble III	Director Approval	11-12	1.0	PF
1302530	Jazz Ens IV Honors	Director Approval	12	1.0	PF
1305300	Eurhythmics I (Color Guard)	Audition	9-12	1.0	PF
1305310	Eurhythmics II (Color Guard)	Audition	10-12	1.0	PF
1305320	Eurhythmics III (Color Guard)	Audition	11-12	1.0	PF
1305330	Eurhythmics IV (Color Guard)	Audition	12	1.0	PF

STATE #	COURSE TITLE	PREREQUISITE *	GRADE LEVEL	CREDIT AMT	KIND
1303300	Chorus I		9-12	1.0	PF
1303310	Chorus II	Chorus I	10-12	1.0	PF
1303320	Chorus III	Chorus II	11-12	1.0	PF
1303330	Chorus IV	Chorus III	12	1.0	PF
1303440	Vocal Ensemble I	*Audition	9-12	1.0	PF
1303450	Vocal Ensemble II	Vocal Ens I	10-12	1.0	PF
1303460	Vocal Ensemble III	Vocal Ens II	11-12	1.0	PF

## **BUSINESS, COMPUTER EDUCATION, AND PROMOTIONAL ENTERPRISE**

8207010	Emerging Technology in Business		12	1.0	VO
8207310	Digital Info Technology		9-12	1.0	VO
8209510	Digital Design I	DIT	10-12	1.0	VO
8209520	Digital Design II	DD I	11-12	1.0	VO
8209530	Digital Design III	DD II	11-12	1.0	VO
8208110	Game & Simulation Foun	DIT	10-12	1.0	VO
8208120	Game & Simulation Des	Game&Sim Foundations	11-12	1.0	VO
8208130	Game&Sim 2D Graphic Dev	Game&Sim Design	12-12	1.0	VO
8208140	Game&Sim 3D Graphic Ani	Game&Sim 2D	12-12	1.0	VO
0200325	AP Comp Sci A Innovat	DIT	10-12	1.0	VO

## **CRIMINAL JUSTICE**

8918010	Criminal Justice Ops I		10-11	1.0	VO
8918020	Criminal Jus Ops II	Crim Jus I	11-12	1.0	VO
8918030	Criminal Jus Ops III	Crim Jus II	11-12	1.0	VO
8918040	Criminal Jus Ops IV	Crim Jus III	12-12	1.0	VO

## **CULINARY ARTS**

8800510	Culinary Arts I		9-11	1.0	VO
8800520	Culinary Arts II	Culinary I	10-12	1.0	VO
8800530	Culinary Arts III	Culinary II	10-12	1.0	VO
8800540	Culinary Arts IV	Culinary III	11-12	1.0	VO
8801000	Hospitality&Tourism Dir Study	Culinary IV	11-12	1.0	VO

## **DIGITAL VIDEO TECHNOLOGY/DIGITAL VIDEO PRODUCTION (for students to complete academy)**

8201410	Digital Video Technology I	Middle School Tech/DIT	9-11	1.0	VO
8201420	Digital Video Technology II	DVT I	10-12	1.0	VO
8201430	Digital Video Technology III	DVT II	10-12	1.0	VO
8201440	Digital Video Technology IV	DVT III	11-12	1.0	VO
8201450	Digital Video Technology V	DVT IV	11-12	1.0	VO
8772460	Digital Video Production VI	DVT V	12	1.0	VO
8772310	Digital Audio Production I	Middle School Tech/DIT	9-12	1.0	VO

STATE #	COURSE TITLE	PREREQUISITE *	GRADE LEVEL	CREDIT AMT	KIND
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## DRAMA

0400310	Theatre I		9-12	1.0	PF
0400370	Acting I	Audition	9-12	1.0	PF
0400380	Acting II	Audition/Acting I	10-12	1.0	PF
0400390	Acting III	Audition/Acting II	11-12	1.0	PF
0400400	Acting IV Honors	Audition/Acting III	12-12	1.0	PF
0400700	Musical Theatre I	Audition	9-12	1.0	PF
0400710	Musical Theatre II	Musical Theatre I	10-12	1.0	PF
0400720	Musical Theatre III	Musical Theatre II	11-12	1.0	PF

## DUAL ENROLLMENT (SLWCHS CAMPUS)

SLS1101NN	Student Success	Placement Test	9-9	0.5	EL
MAT1033	Intermediate Algebra	Placement Score	11-12	0.5	MA
MAC1105	College Algebra	MAT1033 or Plcmt Score	11-12	1.0	MA
MAC1140	Precalculus Algebra	MAC1140 or Plcmt Score	12	1.0	MA

## EARLY CHILDHOOD

8405110	Early Childhood I		9-12	1.0	VO
8405120	Early Childhood II	Early Child I	10-12	1.0	VO
8405130	Early Childhood III	Early Childhood II	11-12	1.0	VO
8405140	Early Childhood IV	Early Childhood III	11-12	1.0	VO

## FOREIGN LANGUAGES

0701320	French I		9-12	1.0	EL
0701330	French II	French I	10-12	1.0	EL
0701340	French III Honors	French II	10-12	1.0	EL
0708340	Spanish I		9-12	1.0	EL
0708350	Spanish II	Spanish I	9-12	1.0	EL
0708360	Spanish III Honors	Spanish II	10-12	1.0	EL
0708538	AICE Spanish Lang	*	10-12	1.0	EL

## FRESHMEN SEMINAR

2400310	Leadership Techniques		9	1.0	EL
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## HUMANITIES

2107300	Psychology I		10-12	0.5	EL
2107310	Psychology II	Psych I	10-12	0.5	EL
2107360	AICE Psychology	*	11-12	1.0	EL
2108300	Sociology		10-12	0.5	EL
2108310	AICE Sociology		10-12	1.0	EL
1700372	AICE Thinking Skills	*	11-12	1.0	EL
1700364	AICE Global Perspectives	*	10-12	1.0	EL

STATE #	COURSE TITLE	PREREQUISITE	GRADE LEVEL	CREDIT AMT	KIND
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### LANGUAGE ARTS

1001310	English I		9-12	1.0	EN
1009400	AICE General Paper	*	9-12	1.0	EN
1001340	English II		10-12	1.0	EN
1001350	English II Honors		10-12	1.0	EN
1001550	AICE English Language	*	10-12	1.0	EN
1001370	English III		11-12	1.0	EN
1001380	English III Honors		11-12	1.0	EN
1005370	AICE English Lit AS Level	*	11-12	1.0	EN
1005375	AICE English Lit A Level	AICE Eng Lit AS	12	1.0	EN
1001405	English 4 College Prep		12	1.0	EN
1001410	English IV Honors		12	1.0	EN
1002300	ESOL I	*	9-12	1.0	EN
1002310	ESOL II	*	9-12	1.0	EN
1002320	ESOL III	*	9-12	1.0	EN
1002520	ESOL IV	*	9-12	1.0	EN
1007300	Speech I		9-12	1.0	PF
1006375	Social Media		9-12	0.5	EL
1006300	Journalism I		9-12	1.0	EL
1006310	Journalism II	Journalism I	10-12	1.0	EL
1009320	Creative Writing I		9-12	0.5	EL
1009330	Creative Writing II	Creative Writing I	9-12	0.5	EL
1009331	Cr. Writing III Honors	Creative Writing II	10-12	1.0	EL
1009332	Cr. Writing IV Honors	Creative Writing III	11-12	1.0	EL

### LEADERSHIP/SKILLS DEVELOPMENT

2400300	Leadership Skills Dev I	*application*	9-12	1.0	EL
0500510	PCSD II (Leadership II)	Leadership I	10-12	1.0	EL
0500520	PCSD III (Leadership III)	Leadership II	11-12	1.0	EL

### LIBRARY/MEDIA

0500530	Personal Career & School Dev 4 *		11-12	1.0	EL
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### MATHEMATICS

1200310NN	Algebra I		9	1.0	MA
1200320NN	Algebra I Honors		9	1.0	MA
1207300NN	Liberal Arts Math 1		9	1.0	MA
1207300	Liberal Arts Math 1		10-12	1.0	MA
1206310	Geometry	Alg I	9-11	1.0	MA
1206310BB	Geometry	Algebra I	12-12	1.0	MA
1206320	Geometry Honors	Alg I	9-12	1.0	MA
1207310	Liberal Arts Math 2	Alg I/Geom	11-12	1.0	MA
1200387	Financial Algebra	Alg I/Geom	11-12	1.0	MA
1200330	Algebra II	Alg I/Geom	9-12	1.0	MA
1200340	Algebra II Honors	Alg I/Geom	9-12	1.0	MA
1211300	Trigonometry Honors (sem 1)	Alg II/Geom	10-12	0.5	MA
1200410	Math for College Success (sem 2)	Alg II/Geom	10-12	0.5	MA

STATE #	COURSE TITLE	PREREQUISITE *	GRADE LEVEL	CREDIT AMT	KIND
1210300	Probability and Statistics	Alg II/Geom	11-12	1.0	MA
1202340	Pre-Calculus Honors	Alg II/Geom	10-12	1.0	MA
1200700	Math for College Readiness		11-12	1.0	MA
1202310	AP Calculus AB	Precalc or Trig	11-12	1.0	MA
1202320	AP Calculus BC	AP Calculus AB	12	1.0	MA
1210320	AP Statistics	Alg II	11-12	1.0	MA

### NAVY JROTC

1802300	Naval Science I		9-12	1.0	EL
1802310	Naval Science II	Naval Science I	10-12	1.0	EL
1802320	Naval Science III	Naval Science II	11-12	1.0	EL
1802330	Naval Science IV	Naval Science III	12	1.0	EL

### OUTBOARD MARINE SERVICE TECHNOLOGY

95042010	Outboard Marine Service 1		9-12	1.0	VO
95042020	Outboard Marine Service 2	OMS 1	10-12	1.0	VO
95042030	Outboard Marine Service 3	OMS 2	11-12	1.0	VO
95042040	Outboard Marine Service 4	OMS 3	11-12	1.0	VO

### PHYSICAL EDUCATION

1503350	Team Sports I		9-12	0.5	PE
1503360	Team Sports II	TS I	9-12	0.5	PE
1501340	Weight Training I		9-12	0.5	PE
1501350	Weight Training II	WT I	9-12	0.5	PE
1501360	Weight Training III	WT II	10-12	0.5	PE
1503310	Basketball		10-12	0.5	PE
1503320	Soccer		9-12	0.5	PE
1502410	Individual & Dual Sports I		9-12	0.5	PE
1502420	Individual & Dual Sports II	IDS I	10-12	0.5	PE
1502430	Individual & Dual Sports III	IDS II	9-12	0.5	PE
1504500	Tennis I		9-12	0.5	PE
1504510	Tennis II	Tennis I	9-12	0.5	PE
1504520	Tennis III	Tennis II	10-12	0.5	PE
1505500	Volleyball I		10-12	0.5	PE
1505510	Volleyball II	VB I	10-12	0.5	PE
1505520	Volleyball III	VB II	11-12	0.5	PE
3026010	HOPE		9-12	1.0	PE

### SCIENCE

2000310	Biology I		10-12	1.0	SC
2000320NN	Biology I Honors		9	1.0	SC
2000320	Biology I Honors		10-12	1.0	SC
2000340	AP Biology	Bio/Chem	11-12	1.0	SC
2000360	Anat Physiology Honors		11-12	1.0	SC
2002500	Marine Science I		12-12	1.0	SC
2002510	Marine Science Honors		11-12	1.0	SC
2002515	AICE Marine Science AS Level	Bio/Chem	11-12	1.0	SC
2002535	AICE Marine Science A Level	AICE Mar Sci AS	11-12	1.0	SC

STATE #	COURSE TITLE	PREREQUISITE *	GRADE LEVEL	CREDIT AMT	KIND
2003340	Chemistry I	Algebra I	11-12	1.0	SC
2003350	Chemistry I Honors		11-12	1.0	SC
2003390	Physics I Honors	Alg II	11-12	1.0	SC
2003421	AP Physics 1	Geo/Alg II	11-12	1.0	SC
2003422	AP Physics 2	AP Physics 1	12-12	1.0	SC
2001310	Earth Space Science		11-12	1.0	SC
2001320	Earth Space Science Honors		11-12	1.0	SC
2001340NN	Environmental Science		9	1.0	SC
2001381	AICE Environmental Management	Bio/Chem	10-12	1.0	SC
2002340	Experimental Science Honors		9-12	1.0	SC

## SOCIAL STUDIES

2103410	AICE Geography 1		9-12	1.0	EL
2109310	World History		10-12	1.0	WH
2109320	World History Honors		10-12	1.0	WH
2109371	AICE European History	*	10-12	1.0	WH/EL
2100310	United States History		11-12	1.0	AH
2100320	United States History Honors		11-12	1.0	AH
2100500	AICE United States History	*	11-12	1.0	AH
2102372	Personal Financial Literacy		9-12	0.5	EL
2104600	Multicultural Studies		11-12	0.5	EL
2109430	Holocaust Studies		11-12	0.5	EL
2102335	Economics w/ Financial Lit		12	0.5	EC
2102345	Economics w/ Fin Lit Honors		12	0.5	EC
2106310	United States Government		12	0.5	AG
2106320	United States Government Honors		12	0.5	AG
2106420	AP American Government (sem 1) <sup>1</sup> *		12	0.5	AG
1700300XG	Research (sem 2 of AP Amer Gov't) <sup>1</sup>		12	0.5	EL

<sup>1</sup>Students must enroll in both semester 1 and semester 2 of these courses

## Exceptional Student Education

Exceptional Education Students with an active IEP indicating they should be mainstreamed can receive service in a regular education classroom and through consultative support. A wide variety of resource classes are available. ESE student course selection will be made by the ESE Director and guidance counselor as prescribed in the student's current IEP.

STATE #	COURSE TITLE	PREREQUISITE *	GRADE LEVEL	CREDIT AMT	KIND
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### LANGUAGE ARTS

1001310A	English I		9-12	1.0	EN
1001340A	English II		10-12	1.0	EN
1001370A	English III		11-12	1.0	EN
1001400A	English IV		12	1.0	EN
1001310R	English I		9-12	1.0	EN
1001340R	English II		10-12	1.0	EN
1001370R	English III		11-12	1.0	EN
1001400R	English IV		12	1.0	EN

### MATHEMATICS

1206310A	Algebra I		9-12	1.0	MA
1206310R	Algebra I		9-12	1.0	MA
1206310R or A	Geometry		10-12	1.0	MA
1207300R or A	Liberal Arts Math 1		10-12	1.0	MA
1207310R or A	Liberal Arts Math 2		11-12	1.0	MA
1200700R	Math for College Readiness		11-12	1.0	MA

### SCIENCE

2000310R or A	Biology I		10-12	1.0	SC
2001340R or A	Environmental Science		11-12	1.0	SC
2002500R or A	Marine Science		11-12	1.0	SC

### SOCIAL STUDIES

2109310A	World History		9-12	1.0	WH
2100310A	United States History		10-12	1.0	AH
2106310A	United States Government		12	0.5	AG
2102335A	Econ with Financial Literacy		12	0.5	EC
2109310R	World History		9-12	1.0	WH
2100310R	United States History		10-12	1.0	AH

STATE #	COURSE TITLE	PREREQUISITE *	GRADE LEVEL	CREDIT AMT	KIND
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**SELF-CONTAINED**

7910120A or Y	Access English I		9-12	1.0	EN
7910125A or Y	Access English II		10-12	1.0	EN
7910130A or Y	Access English III		11-12	1.0	EN
7910135A or Y	Access English IV		12-12	1.0	EN
7912080A or Y	Access Algebra IA		9-12	1.0	MA
7912090A or Y	Access Algebra IB		9-12	1.0	MA
7912065A or Y	Access Geometry		9-12	1.0	MA
7912070A or Y	Access Liberal Arts Math		9-12	1.0	MA
7920010A or Y	Access Chemistry I		9-12	1.0	SC
7920015A or Y	Access Biology I		9-12	1.0	SC
7920020A or Y	Access Earth Space Science		9-12	1.0	SC
7920025A or Y	Access Integrated Science I		9-12	1.0	SC
7921015A or Y	Access US Government		9-12	0.5	SS
7921022A or Y	Access Economics with Financial Literacy		9-12	0.5	SS
7921025A or Y	Access US History		9-12	1.0	SS
7921027A or Y	Access World History		9-12	1.0	SS
7915015A or Y	Access Health Opportunities through PE		9-12	1.0	PE
7960010A or Y	Transition Planning		9-12	1.0	EL
7963070A or Y	Unique Skills: Social/Emotional		9-12	1.0	EL
7963080A or Y	Learning Strategies		9-12	1.0	EL
7963010A or Y	Preparation for Adult Living		9-12	1.0	EL
7963140A or Y	Self Determination		9-12	0.5	EL
7980110A or Y	Career Prep		9-12	1.0	EL
7980130A or Y	Career Placement		11-12	1.0	EL
7980190A or Y	Technology Education		9-12	1.0	EL

## VIRTUAL SCHOOL COURSES – FLVS (F) or MOSAIC DIGITAL ACADEMY (M)

### English

English 4: Florida College Prep (F)  
English I and Honors (F, M)  
English II and Honors (F, M)  
English III and Honors (F, M)  
English IV and Honors (F, M)

### Mathematics

Algebra I and Honors (F, M)  
Algebra II and Honors (F, M)  
Calculus Honors (F)  
Geometry and Honors (F, M)  
Liberal Arts Math 2 (F)  
Math for College Readiness (F, M)  
Pre-Calculus (F, M)  
Liberal Arts Math 1 (M)

### Health/Physical Education

Fitness Lifestyle Design (F)  
HOPE (F, M)  
Outdoor Education (F)  
Personal Fitness (F)

### Science

Anatomy and Physiology and Honors (F)  
Biology and Honors (F, M)  
Chemistry and Honors (F, M)  
Earth Space Science and Honors  
Marine Science and Honors (F, M)  
Physical Science and Honors (F)  
Physics I and Honors (F)

### Social Studies

Econ w/ Financial Lit and Honors (F, M)  
US Government and Honors (F, M)  
United States History and Honors (F, M)  
World History and Honors (F, M)

### World Languages

Chinese I and II (F)  
Chinese III Honors (F)  
French I and II (F)  
Latin I and II (F)  
Latin III Honors (F)  
Spanish I and II (F, M)

### Electives

Art History and Criticism I Honors (F)  
Career Research and Decision Making (F)  
Creative Photography I (F, M)  
Criminal Justice Operations I (F)  
Critical Thinking and Study Skills (F, M)  
Dave Ramsey's Found in Personal Finance (F, M)  
Driver's Education/Traffic Safety (F, M)  
Forensic Science I (F)  
Guitar (F)  
Intensive Reading (F, M)  
Journalism I (F, M)  
Law Studies (F)  
Leadership Skills Development (F, M)  
Life Management Skills (F)  
Music of the World (F)  
Parenting Skills (F)  
Peer Counseling I and II (F)  
Personal and Family Finance (F)  
Psychology I (F, M)  
Reading for College Success (F)  
Social Media I (F, M)  
Theatre, Cinema, and Film Production (F)

### Career and Technical Education Courses

Applied Object-Oriented Java Programming (F)  
Business Software Application I and II (F)  
CSIT Network System configuration (F)  
CSIT System Essentials (F)  
Data Control and Functions (F)  
Database Fundamentals (F)  
Digital Design I (F)  
Digital Information Technology (F, M)  
Digital Media/Multimedia Foundations 1 – 5 (F)  
Foundations of Programming Honors (F)  
Foundations of Web Design (F, M)  
Networking I (F)  
Specialized Database Applications (F)  
Specialized Database Programming (F)  
User Interface Design (F)

### AP Courses (all FLVS)

AP Art History  
AP Biology  
AP Calculus AB  
AP Calculus BC  
AP Computer Science A  
AP English Lang and Comp  
AP English Lit and Comp  
AP Environmental Science  
AP Human Geography  
AP Macroeconomics  
AP Microeconomics  
AP Psychology  
AP Statistics  
AP US Government & Politic  
AP US History

### Credit Recovery

Chemistry I (F)  
Econ w/ Financial Lit (F)  
English 1-4 (F)  
US Government (F)  
World History (F)

# COURSE DESCRIPTIONS



ST. LUCIE WEST CENTENNIAL  
EAGLES

**2020-2021**

# AICE



## AICE GENERAL PAPER AS Level

Year	1.0 credit	1009400	9-12
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PREREQUISITE: Must be accepted into the AICE Program

The purpose of this course is to encourage students to make cross-curricular links; to develop a maturity of thought appropriate to students at this level; and to achieve an understanding and usage of the English language which enables them to express arguments, ideas and opinions in a reflective and academic manner.

## AICE ENGLISH LANGUAGE AS Level

Year	1.0 credit	1001550	10-12
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PREREQUISITE: Must be accepted into the AICE Program; A/B in English or C or higher in General Paper; Pass ELA FSA with 3 or higher

The purpose of this course is to provide students with an understanding of the semantic, structural, and rhetorical resources of the English language as they relate to the principles of effective writing. The course also provides a variety of writing opportunities calling for the use of different styles and tones.

## AICE ENGLISH LITERATURE AS Level

Year	1.0 credit	1005370	11-12
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PREREQUISITE: Must be accepted into the AICE Program; A/B in English or C or higher in General Paper; Pass ELA FSA with 3 or higher

By studying a range of texts, learners understand more about writers' choice of structure and language, and develop their ability to form independent opinions about what they read. Learners also improve their understanding of the English language and how it is used, extending their skills across a range of writing styles, including imaginative, discursive and argumentative.

## AICE ENGLISH LITERATURE A Level

Year	1.0 credit	1005375	12
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PREREQUISITE: Must be accepted into the AICE Program; Must have completed AICE English Literature AS Level in prior school year with a C or higher; Pass ELA FSA with 3 or higher. **If a student does not pass the AS Level test in prior year, the student must take Papers 1, 2, 3, and 4 in order to qualify for A Level credit.**

The purpose of this course is to have students continue with their study of AICE English Literature. Students will continue to study a range of texts, and understand more about writers' choice of structure and language, and develop their ability to

form independent opinions about what they read. Students also improve their understanding of the English language and how it is used, extending their skills across a range of writing styles

## AICE EUROPEAN HISTORY (World History or Elective Credit) AS Level

Year	1.00 credit	2109371	10-12
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PREREQUISITE: Must be accepted into the AICE Program

Students understand the development of Europe within the context of history by examining connections to the past in order to prepare for the future as participating members of a global community. Students use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures and humanities to solve problems in academic, civic, social and employment settings.

## AICE UNITED STATES HISTORY AS Level

Year	1.00 credit	2100500	11-12
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PREREQUISITE: Must be accepted into the AICE Program

The purpose of this course is to acquire an understanding of the United States within the context of history with a major focus on the transformation of the USA from an isolated agrarian society of the 1840's to the world's leading superpower. Will meet the graduation requirement for American History.

## AICE GEOGRAPHY AS Level

Year	1.00 credit	2103410	9-12
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PREREQUISITE: Must be accepted into the AICE Program

Learners widen their knowledge and understanding of the subject, while developing their investigative abilities and their evaluation and decision-making skills. The course is wide-ranging and comprises a variety of options. For example, learners can study topics such as hydrology and fluvial geomorphology, atmosphere and weather, rocks and weathering, population change and settlement dynamics. The course considers a range of environments, from tropical to arid, and learners can also study subjects such as environmental management, global interdependence and economic transition.

## AICE PSYCHOLOGY AS Level

Year	1.00 credit	2107360	11-12
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PREREQUISITE: Must be accepted into the AICE Program; previous Psychology courses

The purpose of this course is to provide an introduction to psychological concepts, theories, research findings, and applications; to create an understanding of the range and limitations of psychological theory and practice, and to encourage students to explore and understand the relationship

between psychological findings and everyday life; to develop skills of analysis, interpretation, and application.

### **AICE SOCIOLOGY AS Level**

Year	1.00 credit	2108310	10-12
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PREREQUISITE: Must be accepted into the AICE Program

This course offers students the opportunity not only to explore the processes that are shaping current trends, but also to develop an understanding of the complexity and diversity of human societies and their continuities with the past. The study of sociology stimulates awareness of contemporary social, cultural and political issues, and focuses on the importance of examining these issues in a rigorous, reasoned and analytical way.

### **AICE GLOBAL PERSPECTIVES AND RESEARCH AS Level – Required course for all AICE Diploma candidates**

Year	1.0 credit	1700364	10-12
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PREREQUISITE: Must be accepted into the AICE Program; recommendation of AICE General Paper of AICE English Language teacher and C or higher in those courses.

The focus of AICE Global Perspectives is on developing the ability to think, speak, and write critically about a range of global issues where there is always more than one point of view. Students will become aware of global themes and issues, viewed from personal, local, national and international perspectives, and of the connections between them. This cross-curricular program challenges students to work in groups, to present seminars, to create projects, and to publish essays. Students who sign up for AICE Global Perspectives must be self-motivated and have the ability to establish and meet deadlines.

### **AICE THINKING SKILLS AS Level**

Year	1.0 credit	1700372	11-12
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PREREQUISITE: Must be accepted into the AICE Program

The purpose of this course involves the development of a range of transferable thinking skills and processes. These skills are valuable and relevant within other subjects as well as being essential for further and higher education. Students will study of the language of reasoning by identifying reasons, evaluating reasoning of different kinds, recognizing and evaluating assumptions.

### **AICE MARINE SCIENCE AS Level**

Year	1.0 credit	2002515	11-12
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PREREQUISITE: Must be accepted into the AICE Program; Biology, Chemistry, or taking Chemistry in same year as Marine Science.

This course provides a coherent and stimulating introduction to the science of the marine environment. The content of the AS

part of the course concentrates on the scientific study of the sea and its ecosystems, while the A Level part of the course concentrates on human activities that depend on the sea and have an impact on it. The emphasis throughout is on the understanding of concepts and the application of ideas to new contexts as well as on the acquisition of knowledge, and the course will foster creative thinking and problem solving skills which are transferable to any future career path. It is expected that practical activities will underpin the teaching of the whole course, and students may be asked about practical activities in examination questions.

### **AICE MARINE SCIENCE A Level**

Year	1.0 credit	2002535	11-12
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PREREQUISITE: Must be accepted into the AICE Program; Must have complete AICE Marine Science AS Level in prior school year with a C or higher. ***If a student does not pass the AS Level test in prior year, the student must take Papers 1, 2, 3, and 4 in order to qualify for A Level credit.***

The purpose of this course is to have students continue with their study of AICE Marine Science. Students will study the physiology of marine primary producers; aspects of marine animal physiology; marine animal reproductive behavior; fisheries management; aquaculture; human impact on marine ecosystems; marine conservation and ecotourism; and marine biotechnology.

### **AICE ENVIRONMENTAL MANAGEMENT AS Level**

Year	1.0 credit	2001381	10-12
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PREREQUISITE: Must be accepted into the AICE Program; Biology, Chemistry or 10<sup>th</sup> grade students that are seeking AICE diploma and took Biology Honors in 9<sup>th</sup> grade.

This course is designed to teach learners about sustainable development in a world where the security of resources and life-sustaining systems is endangered by human impact. It draws upon disciplines such as biology, Earth science, geography and economics. Learners gain an understanding of the Earth's natural systems and how people use natural resources; they then investigate the impact of human development on the environment and learn how the environment can be managed sustainably in the future, from a local as well as a global perspective.

### **AICE SPANISH LANGUAGE AS Level**

Year	1.0 credit	0708538	10-12
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PREREQUISITE: Must be accepted into the AICE Program; Must have completed Spanish I and II. Spanish III is highly recommended but not necessary. If student has not completed Spanish III, a diagnostic test will be administered to determine readiness for course.

The purpose of this course is to develop student's ability to understand and communicate confidently and clearly in speech and written language. Students will be encouraged to read widely, to use relevant vocabulary, employ correct grammar, spelling and punctuation. The students will develop the ability to analyze, synthesize, make inferences, and organize arguments and ideas logically.

# ALLIED HEALTH



## HEALTH SCIENCE ANATOMY AND PHYSIOLOGY

Year	1.0 credit	8417100	10-11
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This class is designed to provide students with an overview of the human body. This class will focus on structures, functions, diseases, medical terminology, and health careers related to diagnosing diseases of the human body.

## HEALTH SCIENCE FOUNDATIONS BLOCK

Year	1.0 credit/Semester	8417110	11-12
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PREREQUISITE: Health Science Anatomy and Physiology

This class is designed to improve students' knowledge of the health care delivery system and the variety of health occupations available. It will focus on job responsibilities within many health career clusters.

## ALLIED HEALTH ASSISTING III BLOCK

Year	1.0 credit/Semester	8417131	11-12
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PREREQUISITE: Health Science Foundations

This class provides students the opportunity to perform skills related to major allied health areas such as Physical Therapy, Medical Assisting, and Nurse Assisting. There will be clinical site visits and guest speakers from various allied health areas. During the year students take Health Science 2/Allied Health 3, they will be prepared for Industry Certification as a Certified Medical Administrative Assistant.

## NURSING ASSISTANT 3 BLOCK

Year	1.0 credit/ Semester	8417211	12
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PREREQUISITE: Health Science I/II, Allied Health Asst. III, application

This course is designed to assist with all aspects of daily living for the adult patient in both hospital and nursing home settings. The course includes didactic instruction, skills practice in the laboratory and clinical experience. Upon successful completion, the student is eligible to apply to sit for the Florida State Certified Nursing Assistant exam which qualifies as industry certification.

## ELECTROCARDIOGRAPH TECHNICIAN BLOCK

Semester	1.0 credit	8427130	12
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PREREQUISITE: Nursing Assistant 3

This course prepares students to be employed as Electrocardiograph Technicians. Content includes a

foundation in the cardiovascular system, safety measure for the individual, co-workers and patients as well as training in the theories and instruments used by an Electrocardiograph Technician. Additional focus on cardiac monitoring, cardiac telemetry, and cardiovascular diagnostic testing, and arrhythmia identification.

During the year students take **ELECTROCARDIOGRAPH TECHNICIAN**, they will be prepared for Industry Certification as a Certified Electrocardiograph Technician.

## HEALTH SCIENCE EDUCATION DIRECTED STUDY

Semester	1.0 credit	8400100	12
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PREREQUISITE: Academy Completer

This course provides the student with additional competencies or more extensive occupational competencies in a job preparatory program that will enhance their opportunities for employment in the occupation chosen by the student. Activities may include research, portfolio development, and field experiences. The content of the class is individually prescribed by the instructor based on the individual student's need for directed study.

## EMERGENCY MEDICAL RESPONDER 3

Year	1.0 credit	8417171	12
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PREREQUISITE: Health Science I/II, Allied Health Asst. III  
Must have own transportation

This course prepares students to provide initial care to sick or injured persons or as ambulance drivers and attendants. The First responder is the first to arrive at the scene of an injury but does not have primary responsibility for treating and transporting the injured person. First Responder may include law enforcement, life guard, fire services or basic life support non-licensed personnel who act as part of an organized emergency medical services team.

# ART



## Two-Dimensional Art I

Year	1.00 credit	0101300	9-12
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This entry-level course promotes the enjoyment and appreciation of art as students experiment with the media and techniques used to create two-dimensional (2-D) artworks, including drawing, painting, printmaking, collage, and/or design. 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. This course incorporates hands-on activities and consumption of art materials.

**This course is a prerequisite to ALL other Art classes.**

## DRAWING I/II

Year	1.0 credit	0104340 I	10-12
		0104350 II	11-12

PREREQUISITE: 2-D Art 1 for Drawing I  
Drawing I for Drawing II

The purpose of this course is to give students an understanding of drawing.

## CERAMICS/POTTERY I/II

Year	1.0 credit	0102300 I	10-12
		0102310 II	11-12

PREREQUISITE: 2-D Art 1 for Ceramics I  
Ceramics I for Ceramics II

The purpose of Ceramics I is to give students a basic understanding of ceramic processes, sculpture and ceramics in general. The focus is on the use of clay, glazes, tools, and techniques in producing clay products. The purpose of Ceramics II is to give students an in depth understanding of ceramic processes. The content includes the investigation of the ceramic process; the relationship among the art elements and compositional principles; knowledge of the function of ceramics/pottery in our society; knowledge about the history of ceramic/pottery and its relationship to other processes and periods.

## CREATIVE PHOTOGRAPHY I/II

Year	1.0 credit	0108310 I	10-12
		0108320 II	12

PREREQUISITE: 2-D Art 1 for Photo I  
Photo I for Photo II

The purpose of this course is to give students an understanding of photography. Students will learn Photoshop and become Industry Certified upon passing the test.

## PORTFOLIO I/II

Year	1.0 credit	0109310 I	11-12
		0109320 II	11-12

PREREQUISITE: Drawing I for Portfolio I  
Portfolio I for Portfolio II

These are individualized instruction studio courses that introduce the student to the basics of building a visual art portfolio.

# BAND, MUSIC, & CHORUS



## CONCERT BAND

Year	1.0 credit	see course # below	9-12
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PREREQUISITES: Prior participation in middle/high school band

This course is open to those students who have achieved a basic degree of proficiency on a woodwind, brass or percussion instrument. Emphasis will be placed on basic skills and theory. This ensemble will perform at concerts and other functions. **Members of the Concert Band are required to participate in the marching band, which is a co-curricular activity meeting after school in the fall.**

Band III	1302320	Band V	1302340
Band IV	1302330	Band VI	1302350

## SYMPHONIC WIND ENSEMBLE

Year	1.0 credit	see course # below	9-12
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PREREQUISITES: Director Approval/Audition

Symphonic wind ensemble is the premier performing band and is open to those students who have achieved advanced proficiency on a woodwind, brass or percussion instrument. A wide variety of music, individual skills, and theory will be covered in this course. This ensemble will perform at concerts and other functions. **Members of the Wind Ensemble are required to participate in the marching band, which is a co-curricular activity meeting after school in the fall.** The band director places students in this course after a successful audition in the Spring of the previous year.

Band III	1302320XS	Band V	1302340XS
Band IV	1302330XS	Band VI	1302350XS

## INSTRUMENTAL TECHNIQUE (PERCUSSIONISTS)

Year	1.0 credit	see course # below	9-12
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PREREQUISITE: Prior participation on percussion in band in Middle/High School

Instrumental Technique is a performance class designed to give the percussionists specialized instruction in their performance areas. **Members of the Percussion classes are required to participate in the marching band, which is a co-curricular activity meeting after school in the fall.**

All percussionists are placed in this course as their primary ensemble and are encouraged to take Band I-IV as a secondary course.

Inst Tech I	1302420	Inst Tech II	1302430
Inst Tech III	1302440	Inst Tech IV Hon	1302450

## EURHYTHMICS (Color Guard/Flags)

Year	1.0 credit	see course # below	9-12
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PREREQUISITE: Completion of successful audition in June prior to start of new year

The purpose of this course is to enable students to develop basic skills in creating, performing, and evaluating choreographed performances as an independent ensemble and in cooperation with the marching band. **Members of the Eurhythmics classes are required to participate in the marching band, which is a co-curricular activity meeting after school in the fall.** Emphasis is placed on dance, equipment manipulation, precision, and the relationship between music and dance. The content will include safe and healthful performance practices; dance and choreographic techniques and terminology; choreographic design; equipment, props, and costumes; music and movement analysis and evaluation; role and influence of music and dance; responsible participation; and relationships among music, movement, and other subject areas. **STUDENTS MUST SUCCESSFULLY COMPLETE AN AUDITION AND SEEK DIRECTORS APPROVAL.**

Eurhythmics I	1305300	Eurhythmics III	1305320
Eurhythmics II	1305310	Eurhythmics IV	1305330

## JAZZ BAND

Year	1.0 credit	see course # below	9-12
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PREREQUISITE: Director Approval  
COREQUISITE: Band III – VI or Instrumental Tech I-IV

The purpose of this course is to enable students to develop basic skills in jazz performance through knowledge of styles and performance techniques of varied jazz and contemporary literature. The content will include technical skills; individual and ensemble techniques; performance styles; jazz idioms, rhythms, and articulation; improvisation; composition and arranging; literature and performance analysis; history; role and influence of jazz and contemporary music and musicians; connections between music and other subject areas; instrument care and maintenance; and responsible participation in music activities. **All students performing in Jazz Ensemble must be performing members in any of the other band or instrumental techniques courses. STUDENTS MUST SUCCESSFULLY COMPLETE AN AUDITION AND SEEK DIRECTOR'S APPROVAL.**

Jazz Ensemble I	1302500	Jazz Ensemble II	1302510
Jazz Ensemble III	1302520	Jazz Ens IV Hon	1302530

## CHORUS

Year	1.0 credit	see course # below	9-12
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The purpose of this course is to enable students to develop basic individual and ensemble skills in choral performance through preparation of varied high school literature. Emphasis will be placed on healthy and expressive singing, accurate interpretation of notation, and development of critical and aesthetic response to music. The content will include vocal production; choral performance techniques; music literacy; sight reading and ear training; elements and characteristics of music; improvisation, composition, and arranging; performance analysis; role and influence of choral music and musicians;

connections between music and other subject areas; and responsible participation in music activities.

Chorus I	1303300	Chorus II	1303310
Chorus III	1303320	Chorus IV	1303330

## VOCAL ENSEMBLE I/II/III

Year	1.0 credit	1303440 I	9-12
		1303450 II	10-12
		1303460 III	11-12

PREREQUISITE: Audition

The purpose of this course is to enable students to develop basic performance techniques in a small ensemble setting through the study of varied high school choral literature. Emphasis will be placed on vocal independence, expressiveness, and stylistic authenticity. The course will include vocal production; ensemble performance techniques; music literacy; sight reading and ear training; elements and characteristics of music; improvisation and arranging; performance analysis; role and influence of choral music and musicians; connections between music and other subject areas; and responsible participation in music activities.

# BUSINESS AND COMPUTER EDUCATION



## EMERGING TECHNOLOGY IN BUSINESS

Year	1.0 Credit	8207010	12
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PREREQUISITE: Counselor Placement

**This course is for ONLY Seniors that do not have an acceleration component.** The purpose of this course is to give students an opportunity to apply knowledge and skills related to the area of Emerging Technology in Business. The content includes electronic research methods; business communications including speaking, listening, writing, and telecommunicating; multimedia presentation skills; ethical considerations related to technology; and emerging technologies affecting business environments. Instruction is designed to provide an understanding of the advances being made in technology today and in the future.

## DIGITAL INFORMATION TECHNOLOGY

Year	1.0 Credit	8207310	9-12
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This course is designed to provide a basic overview of current business and information systems and trends and to introduce students to the basics and foundations required for today's business environments. Emphasis is placed on developing proficiency with touch keyboarding and fundamental computer

applications, so that they may be used as communication tools for enhancing personal and work place proficiency in an information-based society. This also includes proficiency with computers using databases, spreadsheets, presentation applications, and the integration of these programs using software that meets industry standards.

**This course is a prerequisite to ALL other Business classes.**

**GAME AND SIMULATION I – IV**

Year	1.0 credit	8208110 I	10-12
		8208120 II	11-12
		8208130 III	12
		8208140 IV	12

PREREQUISITE: Digital Information Technology for GS I  
 Game & Simulation Foundations for GS II  
 Game & Simulation Design for GS III  
 Game & Simulation 2D Graphic for GS IV

This program offers a sequence of project-based courses that provide coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Information Technology career cluster such as Game or Simulation Designer, Game or Simulation Graphic Artist, and Game or Simulation 3-D Animator. The content includes practical experiences in game/simulation conceptualization, design, storyboarding, development methodologies, 2D/3D animation design and production, and implementation issues. Specialized skills involving graphic animation software are used to produce a variety of two and three dimensional components.

**ADVANCED PLACEMENT COMPUTER SCIENCE A INNOVATIONS**

Year	1.0 credit	0200325	10-12
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PREREQUISITE: Digital Technology Information

The major theme of the course is problem solving. The following goals apply to the AP Computer Science A course. Students should be able to: design, implement, and analyze solutions to problems; use and implement commonly used algorithms; use standard data structures; develop and select appropriate algorithms and data structures to solve new problems; write solutions fluently in an object-oriented paradigm; write, run, test, and debug solutions in the Java programming language, utilizing standard Java library classes and interfaces from the AP Java subset; read and understand programs consisting of several classes and interacting objects; read and understand a description of the design and development process leading to such a program; understand the ethical and social implications of computer use

**DIGITAL DESIGN I**

Year	1.0 credit	8209510	10-12
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PREREQUISITE: Digital Information Technology

This course is designed to develop basic entry -level skills required for careers in the digital publishing industry. The content includes computer skills; digital publishing concepts and operations; layout, design, measurement activities; and digital imaging as well as communication, collaboration and decision-making activities; critical thinking; and problem solving.

**DIGITAL DESIGN II and III**

Year	1.0	8209520 II	11-12
		8209530 III	12

PREREQUISITE: Digital Design I for II  
 Digital Design II for III

**Digital Design II and Digital Design III** continues the development of entry-level skills required for careers in digital design. The content includes computer skills; digital publishing operations; layout, design, and measurement activities; digital imaging; the use of software and equipment to perform digital publishing and digital imaging activities; communication, collaboration and decision-making activities; critical thinking and problem solving.

**CRIMINAL JUSTICE OPERATIONS**



**CRIMINAL JUSTICE OPERATIONS I - III**

Year	1.0 credit	8918010 I	10-11
		8918020 II	11-12
		8918030 III	11-12

PREREQUISITE: Criminal Justice Operations I for II  
 Criminal Justice Operations II for III

The purpose of this program is to prepare students for employment as community service officers and for any student interested in the legal field. The content includes introduction to the criminal justice system, police ethics and constitutional law, patrol procedures, traffic control procedures, defensive tactics and physical proficiency skills, interpersonal and communication skills, investigation procedures, court systems and trial procedures, correctional system, introduction to forensic science, crime prevention, property control, and employability skills. Our school provides a court setting and gives the opportunity to have real-life experience.

## CRIMINAL JUSTICE OPERATIONS IV

Year	1.0 credit	8918040	12
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PREREQUISITE: Criminal Justice Operations III

**Option 1: Accredited Legal Professional (ALP) Certification.** This is a self-directed, independent study course. Allows students to learn the curriculum and become certified as Legal Assistants.

**Option 2: Internship/Volunteer Service.** The purpose of this course is to provide students with competencies related to a cluster of public service jobs and to help students develop skills, knowledge and attitudes necessary for success and advancement in a specialized public service jobs. Content includes employability skills; safe and efficient work practices; communication skills; computer skills; human relations; leadership skills; civil engineering; the criminal justice system; social services; and regulatory and records services.

develop leadership skills kitchen management and business management.

Culinary Arts IV	8800540	1 <sup>st</sup> Semester
Hosp & Tour Direct Study	8801000	2 <sup>nd</sup> Semester

## DIGITAL VIDEO TECHNOLOGY



### DIGITAL VIDEO TECHNOLOGY

The purpose of this program is to prepare students for initial employment as production assistants, audio/video equipment technician, video/TV camera operators, video editors, multi-media artists/animations and broadcast technicians.

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Arts, A/V Technology and Communication career cluster. The content includes, but is not be limited to communication skills; leadership skills; human relations and employability skills; safe and efficient work practices; and preparation to assume responsibility for overall production of digital video activities including: scripts, lighting, camera operation, electronic news gathering, field/studio production, and video editing. **The following materials are required for this program: 16 gigabyte SD card, 16 gigabyte flash drive, and ear/headphones.**

### DIGITAL VIDEO TECHNOLOGY I

Year	1.0 credit	8201410	9-11
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PREREQUISITE: Middle School Technology/DIT

Digital Video Technology I is a basic video production course. At this level, this course covers competencies in safe work practices, planning a production set, lighting planning, camera operation, and audio/ video recording, mixing, and editing.

### DIGITAL VIDEO TECHNOLOGY II/III BLOCK

Year	1.0 credit/Semester	see course # below	10-12
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PREREQUISITE: Digital Video Technology I

In Digital Video Technology II, students expand their knowledge of basic camera and editing skills. Students at this level cover competencies in safe work practices, planning a production set, lighting planning, camera operation, and audio/ video recording, mixing, and editing.

In Digital Video Technology III, this course covers competencies in safe work practices and lighting.

Digital Video Technology II	8201420	1 <sup>st</sup> Semester
Digital Video Technology III	8201430	2 <sup>nd</sup> Semester

## CULINARY ARTS



### CULINARY ARTS I

Year	1.0 credit	8800510	9-11
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Students will acquire basic skills of nutrition, planning and preparing foods as well as skills and attitudes needed for employment in the food service industry. Emphasis is placed on the use and care of equipment sanitation and safety, and preparing and serving commercial food.

### CULINARY ARTS II/III BLOCK

Year	1.0 credit/Semester	See course # below	10-12
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PREREQUISITE: Culinary Arts I

Students will acquire advanced skills in the food production and services. Instruction includes employability skills, operational procedures in food establishments, careers, service stations in food preparation, cost and portion control, service management techniques, perform meal service activities, and advanced meal preparation.

Culinary Arts II	8800520	1 <sup>st</sup> Semester
Culinary Arts III	8800530	2 <sup>nd</sup> Semester

### CULINARY ARTS IV/HOSPITALITY & TOURISM DIRECTED STUDY BLOCK

Year	1.0 credit/ Semester	See course # below	11-12
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PREREQUISITE: Culinary Arts II/III

Students will acquire basic management skills of kitchen management and restaurant entrepreneurship. Students will

## DIGITAL VIDEO TECHNOLOGY IV/V BLOCK

Year	1.0 credit/Semester see course # below	11- 12
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PREREQUISITE: Digital Video Technology II/III

The Digital Video Technology IV course covers competencies in safe work practices; audio/ video recording, mixing, and editing; and shooting footage.

Digital Video Technology V course covers competencies in safe work practices, and production scheduling.

Digital Video Technology IV	8201440	1 <sup>st</sup> Semester
Digital Video Production V	8201450	2 <sup>nd</sup> Semester

## DIGITAL VIDEO PRODUCTION VI

Year	1.0 credit	8772460	12
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PREREQUISITE: Digital Video Production IV/V

Digital Video Production VI covers competencies in lighting planning; audio recording, mixing, and editing; and organizing resources.

## DIGITAL AUDIO PRODUCTION I

Year	1.0 credit	8772310	9-12
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PREREQUISITE: Middle School Technology/DIT

This course provides competencies in operating audio consoles, production writing, news writing, and voice over and on-air skills

# DRAMA



## THEATRE I

Year	1.0 credit	0400310	9-12
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The purpose of this course is to enable students to develop skills in the multiple elements of theatre as a collaborative art. Areas covered may include acting and characterization, movement and vocal production, pantomime and improvisation, theatre terminology, script elements, play writing, artistic discipline, and roles and careers in theatre arts.

## ACTING I - IV

Year	1.0 credit	0400370	9-12
Year	1.0 credit	0400380	10-12
Year	1.0 credit	0400390	11-12
Year	1.0 credit	0400400	12-12

PREREQUISITE: Auditor/Director Approval for Acting I  
Acting I & Director Approval for Acting II  
Acting II & Director Approval for Acting III  
Acting III & Director Approval for Acting IV Honors

The purpose of this course is to introduce students to the study and practice of acting. Content will include techniques of acting, terminology, movement, audition methods, character analysis, and acting techniques. **Students are required to compete in this class, as well as attend, support, and star in the Drama Department performances.**

## MUSICAL THEATRE I-III

Year	1.0 credit	0400700	9-12
Year	1.0 credit	0400710	10-12
Year	1.0 credit	0400720	11-12

PREREQUISITE: Audition/Director's Approval  
Musical Theatre I for II  
Musical Theatre II for III

Students' course work focuses on, but is not limited to, acting, vocal performance, dance, non-dance movement, and staging, which transfer readily to performances in musicals and other venues. Students survey the evolution of music in theatre from ancient Greece to modern Broadway through a humanities approach and representative literature. 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.

# DUAL ENROLLMENT (SLWCHS CAMPUS)



## STUDENT SUCCESS

Semester	.5 credit	SLS1101NN	9
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The course provides extensive instruction in study skills and strategies, helps students develop a positive attitude toward learning, and offers an orientation to the College. Must complete the online application and have Reading (106), Writing, and Math PERT scores . 3 credits

## INTERMEDIATE ALGEBRA

Semester	.5 credit	MAT1033	11-12
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PREREQUISITE: MAT 0028 with a grade of "C" or higher, or placement scores  
Placement Scores PERT 114-122 SAT 440+ ACT 19+

This course covers the following topics: factoring, algebraic fractions, radical and rational equations, complex numbers, quadratic equations, rational equations, linear equations, and inequalities in two variables and their graphs, systems of linear equations and inequalities, and introduction to functions. 3 credits

## COLLEGE ALGEBRA

Semester	1.0 credit	MAC1105	11-12
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PREREQUISITE: MAT1033 with a grade of "C" or higher, or placement scores  
*Placement Scores PERT 123-134 SAT 520+ ACT 23+*

This course covers the following topics: functions and functional notation, domain and ranges of functions, graphs of functions and relations, operations on functions, inverse functions, polynomial and rational functions, absolute value and radical functions, exponential and logarithmic properties, functions, and equations; and systems of equations and inequalities. **A graphics calculator is required for this course.** Gordon Rule course - must achieve a grade of "C" or higher for the A.A. and A.S. Degree. 3 credits

## PRECALCULUS ALGEBRA

Semester	1.0 credit	MAC1140	12
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PREREQUISITE: MAC1105 with a grade of "C" or higher, or placement scores  
*Placement Scores PERT  $\geq$  135 then have to take the CLM 60-89, SAT 590+, ACT 25+*

This course is required for students who need calculus. Topics in this course include polynomial, rational, exponential and logarithmic functions with their properties and graphs, polynomial and rational inequalities, conic sections, matrices and determinants, sequences and series, mathematical induction, and Binomial theorem and application. **A graphics calculator is required for this course.** Gordon Rule course - must achieve a grade of "C" or higher for the A.A. and A.S. Degree. 3 credits

## EARLY CHILDHOOD



### EARLY CHILDHOOD I

Year	1.0 credit	8405110	9-12
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This course covers State and Local Rules and Regulations; Health, Safety, and Nutrition; Identifying and Reporting Child Abuse and Neglect; Child Growth and Development; Behavioral Observation and Screening; and Developmentally Appropriate Practices. Also included are components on communication, leadership, and relationship skills, methods of guidance, professionalism, career opportunities in the profession, community resources, and the development of an emergent reading and writing program including literacy activities.

## EARLY CHILDHOOD II

Year	1.0 credit	8405120	10-12
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PREREQUISITE: Early Childhood I

This course covers initial competencies involved in becoming a preschool teacher. Students will acquire competence in basic curriculum development, child development theories, factors that influence development, and planning and implementing a variety of developmentally appropriate activities for infants, toddlers, and preschoolers. Students can earn their 40 hour Department of Children and Families Training Certification

### EARLY CHILDHOOD III/IV BLOCK

Year	1.0 credit/ Semester	See course # below	11-12
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PREREQUISITE: Early Childhood I/II

Competencies covered in Early Childhood III include planning and implementing developmentally appropriate activities that focus on preschool children. Students will acquire competence in understanding school age children and children with special needs. Classroom management techniques, creating optimum environments for all children, and developing appropriate curriculum are also covered. Students can earn their Infants and Children First Aid and CPR certification. They may also earn an Early Childhood Professional Certificate or a Child development Associate Credential.

Early Childhood IV prepares students to be a child development specialist. Students will acquire competence in the areas of mentoring, developing the ability to motivate children, recognizing cultural differences when planning activities, and including children with special needs.

Early Childhood III	8405130	1 <sup>st</sup> Semester
Early Childhood IV	8405140	2 <sup>nd</sup> Semester

## FOREIGN LANGUAGES



**SPANISH I/II BLOCK** (*Intensive instruction - class meets every day and will result in 2 credits at the end of the year*)

Year	1.0 credit/Semester	see course # below	9-12
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**Spanish I** provides an introduction to the language and culture of the Spanish-speaking world. The basic objective of Spanish I is to help each student attain an acceptable degree of proficiency in the four skills of listening, speaking, reading, and writing and to present the language within the context of the Spanish-speaking world and its culture. The program places great emphasis on student participation and encourages oral communication through group activities, games, and projects.

**Spanish II** opens with a systematic review in new contexts of all the important materials presented in Spanish I. Spanish II

then presents the more complex structures of basic Spanish and expands the cultural themes of the first level. By the time the students complete the second level, they will have acquired a command of the key vocabulary and structures necessary for personal communication as well as an appreciation of the Spanish-speaking world.

Spanish I                      0708340              1<sup>st</sup> Semester  
 Spanish II                    0708350              2<sup>nd</sup> Semester

### SPANISH III HONORS

Year	1.0 credit	0708360	10-12
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PREREQUISITE: Spanish II

The purpose of Spanish III is to bring students from the novice level of oral proficiency to the intermediate level, where they can create with language, participate in progressively more challenging conversations, and communicate successfully in basic survival situations. Through a wide variety of listening and speaking activities, the students will strengthen their command of spoken and written Spanish. ***This course will prepare students to take AICE Spanish Language AS Level.***

### FRENCH I

Year	1.0 credit	0701320	9-12
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French 1 stresses the four basic language skills: Listening, comprehension, speaking with proper pronunciation, writing with correct spelling and sentence structure, and reading comprehension. Emphasis is placed primarily on vocabulary and grammar fundamentals for conversation and writing. Students can enjoy learning about the different cultures and customs of French-speaking countries.

### FRENCH II

Year	1.0 credit	0701330	10-12
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PREREQUISITE: French I

In French II the students' vocabulary is broadened; more advanced grammar is stressed to develop their speaking and writing skills. Readings are more narrative and continue to emphasize particular cultural aspects. Projects are required for further in-depth study of civilization.

### FRENCH III HONORS

Year	1.0 credit	0701340	10-12
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PREREQUISITE: French II

The purpose of French III is to master and expand the skills acquired by the students in French II. The students will expand their vocabulary and conversational skills through discussion based on selected reading and topics of interest. Contemporary vocabulary will stress situations in everyday life and foreign travel.

## FRESHMEN SEMINAR



Year	1.0 credit	2400310	9
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The Freshmen Seminar courses are an essential component of the ninth grade academy. Strong emphasis will be on self-awareness and career exploration. The class will teach study skills, goal setting and organizational skills required for successful transition to high school and beyond. The Freshman Seminar course will also be used to help ninth grade students explore career academy options for their high school course selections. The content will also include goal-setting and decision-making processes.

## HUMANITIES



### PSYCHOLOGY I and II

Semester	.5 credit	2107300 I	10-12
		2107310 II	

PREREQUISITE: Psychology I for Psychology II

Psychology will be an exploration into the complex and fascinating world of human behavior. The course will introduce the essential areas of psychology such as memory, intelligence, creativity, learning, personality development, dreams, mental illness, and therapy techniques. Teenagers and their relationships with their parents and peers will be a major topic of the course. The course will also include an interesting unit on values clarification.

### SOCIOLOGY

Semester	.5 credit	2108300	10-12
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This course will study the development of society through an investigation of the values, folkways and structure of society. It will include a look at the American family, the status of women and minorities, ethnic diversity, crime, civil rights, the homeless, juvenile delinquency, religion and cults, etc. Activities such as role-playing, games and surveys will accompany lectures and texts.

# INTENSIVE READING



## INTENSIVE READING

Year	1.0 credit		9-12
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PREREQUISITE: Counselor Placement

The purpose of this course is to enable students to build comprehensive reading knowledge, develop independent endurance, and increase comprehension through intensive instruction and practice and to prepare students for Statewide Reading Assessments. Course codes vary by grade and reading level.

# LANGUAGE ARTS



## ENGLISH I

Year	1.0 credit	1001310	9-12
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This course consists of the development and reinforcement of skills in language and composition. It also includes introduction to literary genre and mythology. Related writings and coordinated vocabulary are also emphasized.

## ENGLISH II and ENGLISH II HONORS

Year	1.0 credit	1001340 1001350 Honors	10-12
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PREREQUISITE: English I

This course consists of review and continuation of the study of grammar. Composition progresses from a review of paragraph development to the development of a short theme. Literature study includes the four literary genres and a survey of world literature.

## ENGLISH III and ENGLISH III HONORS

Year	1.0 credit	1001370 1001380 Honors	11-12
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PREREQUISITE: English II

This course contains review of grammar and usage as deemed necessary. Composition study progresses from a short theme through the essay. Literature study surveys American literature, 1600 to present.

## ENGLISH 4 College Prep and ENGLISH IV HONORS

Year	1.0 credit	1001405 1001410 Honors	12
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PREREQUISITE: English III

*English 4 College Prep* is a course that incorporates reading and writing study through writing a variety of informative texts using grade-level writing craft and through the in-depth reading and analysis of informational selections in order to develop critical reading and writing skills necessary for success in college courses. This course prepares students for successful completion of Florida college English courses. The benchmarks reflect the Florida Postsecondary Readiness Competencies necessary for entry-level college courses.

*English IV Honors* is a course that prepares students, using texts of high complexity, advanced integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness.

## ESOL (English as a Second Language)

Year	1.0 Credit	see course # below	9-12
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PREREQUISITE: Counselor Placement

The purpose of this course is to provide instruction to native speakers of a language other than English in developmental language arts skills including reading, writing, listening and speaking, and to develop an awareness of cultural diversity.

ESOL I	1002300	ESOL II	1002310
ESOL III	1002320	ESOL IV	1002520

## JOURNALISM I and II (Yearbook)

Year	1.0 credit	1006300 I 1006210 II	9-12 10-12
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The course provides instruction in aspects of journalism and workshop experience in journalistic production. Instruction will be given in recognizing and writing news for journalistic media and in developing editorials, sports articles, and feature stories. In addition to written work, students will receive instruction in the history and traditions of journalism, as well as, workshop experiences in photography, layout, advertising, printing, and other practical aspects of journalistic enterprise. In connection with workshop experiences, one or more journalistic productions may be included. The required selling of ads is part of the business aspect of the curriculum and can count for up to 10% of the grade.

## SPEECH I

Year	1.0 credit	1007300	9-12
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This is an elective course which will meet the Performing Fine Arts graduation requirement. The purpose of this course is to enable students to develop fundamental skills in formal and informal oral communication. The content should include formal and informal oral communication skills, forms of oral communication, techniques of public speaking, research,

organization, writing for public speaking, and analysis of public speaking.

### CREATIVE WRITING I AND II

Semester	.5 credit	1009320 I	9-12
		1009330 II	

PREREQUISITE: Creative Writing I for II

The purpose of these courses is to enable students to develop and use fundamental writing and language skills for creative expression in a variety of literary forms. Emphasis will be on development of a personal writing style. The content should include analysis of literary models, impact of audience, purpose, and writing mode, writing process strategies, personal writing style, various creative writing experiences, peer review techniques, and publication of final products

### CREATIVE WRITING III AND IV HONORS

Year	1.0 credit	1009331 III	10-12
		1009332 IV	

PREREQUISITE: Creative Writing II for III  
Creative Writing III for IV

The purpose of Creative Writing III is to develop writing and language skills needed for individual expression in traditional poetic forms. The content should include reading, analyzing and writing Blues, Ballad, Asian, Italian, French forms and traditional forms; technical aspects of entering contests and publishing student work in a literary publication; technical aspects of entering and performing in a public reading. The purpose of Creative Writing IV is to have students develop a compilation of works of professional literary merit in the form of a chapbook, essay or short story collection. The content should include a thorough and in-depth examination of a variety of short literary collections which include variety of peer, teacher, and professional examples, and developing and organizing polished material for their collection.

### SOCIAL MEDIA I

Semester	.5 credit	1006375	9-12
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The purpose of this course is to enable students to develop fundamental skills in the use of social media across print, multimedia, web, and broadcast platforms, including ethical and legal uses. The content should include, but not be limited to, the following: Demonstrating entry-level skills in digital communication and packaging them across the platforms/mediums of print, multimedia, online, and broadcast; demonstrating fundamental skills in social media platforms and their uses; expressing social connections with maturity and complexity appropriate to writer, audience, purpose, and context; using fundamental research skills and networking formats; collaborating amongst peers; and using effective listening, speaking, and viewing strategies with emphasis on the use of evidence to support or refute a claim in multimedia presentations, class discussions, and extended text discussions

## LEADERSHIP



### LEADERSHIP SKILLS DEVELOPMENT

Year	1.0 credit	2400300	9-12
		0500510	10-12
		0500520	11-12

PREREQUISITE: *Approved through application*

Do you want to step up, be where the action is and the decisions are made? Do you know what to do when you reach the front? Even if you've never thought of yourself as a "born leader," you can be taught the skills necessary for successful leading and following. Students interested in Student Government are especially encouraged to apply. Responsibilities include organizing dances, rallies, spirit days, and community service projects.

## LIBRARY/MEDIA



### MEDIA SERVICES

Year	1.0 credit	0500530	11-12
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PREREQUISITE: Media Specialist Approval

The purpose of this course is to enable students to develop skills in the production of multimedia materials utilizing resources from video, CD-ROM, audio, and other media. The content should include techniques and skills for production of multimedia for academic and creative expression, production of resources in a variety of media formats, critical analysis of multimedia productions, and career opportunities in the field of multimedia production.

## MATHEMATICS



### ALGEBRA I and ALGEBRA I HONORS

Year	1.0 credit	1200310NN	9
		1200310	10
		1200320NN Honors	9

PREREQUISITE: Counselor Placement

This course meets the minimum state requirements for mathematics. This course develops the algebraic concepts and processes that can be used to solve a variety of real world and mathematical problems. The content will include: structure and properties of the real number system; exponents; square roots; radicals; absolute value; scientific notation; relations and functions, including words, tables, sequences,

graphs and algebraic equations; algebraic expressions; polynomials; data analysis concepts and techniques including introductory statistics and probability; and varied solutions strategies, algebraic and graphic, for inequalities and for systems of equations.

### LIBERAL ARTS MATH 1

Year	1.0 credit	1207300NN	9
		1207300	10-12

PREREQUISITE: Counselor Placement

The purpose of this course is to enable students to develop mathematics skills and concepts through remedial instruction and practice. The content should include, but not be limited to critical thinking, problem solving, and test-taking skills and strategies.

### GEOMETRY and GEOMETRY HONORS

Year	1.0 credit	1206310	9-11
Semester		1206310BB	12-12
		1206320 Honors	

PREREQUISITE: Algebra I/Counselor Placement

The students will learn new concepts of numbers, lines, angles, figures, formulas, relationships, and proofs that enable them to organize their mathematical thought processes towards the study of higher mathematics. **SENIORS TAKING GEOMETRY FOR THE FIRST TIME WILL TAKE IT AS A BLOCK 1<sup>ST</sup> SEMESTER (MEETS EVERY DAY)**

### ALGEBRA II and ALGEBRA II HONORS

Year	1.0 credit	1200330	9-12
		1200340 Honors	9-12

PREREQUISITE: Algebra 1/Geometry I/Counselor Placement

This is a continuation of the work in Algebra 1 through quadratics and logarithms. Much stress is placed on the structure of the systems of real and complex numbers. The solution sets of equations and inequalities with two and three variables by both algebraic and graphic methods are covered. More advanced topics of matrices, determinants, probabilities, sequences, and series are also studied.

### LIBERAL ARTS MATH 2

Year	1.0 Credit	1207310	11-12
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PREREQUISITE: Algebra I/Geometry/Counselor Placement

This course will enable students to strengthen algebraic and geometric concepts and skills necessary for further study of mathematics.

### FINANCIAL ALGEBRA

Year	1.0 Credit	1200387	11-12
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PREREQUISITE: Algebra I/Geometry

The focus of this course provides a real-life framework to apply upper-level mathematics standards. In our consumer-based society, a mathematics course that addresses the results of financial decisions will result in more fiscally responsible citizens. This course will give students the opportunity to apply mathematics found in financial topics such as personal investments, retirement planning, credit card interest, and savings. The course would be a bridge to upper-level mathematics such as Algebra 2 and Mathematics for College Readiness. **This course is not NCAA approved (see your Counselor for clarification)**

### TRIGONOMETRY HONORS/MATH FOR COLLEGE SUCCESS

Semester	.5 credit	1211300	10-12
Semester	.5 credit	1200410	10-12

PREREQUISITE: Algebra II and Geometry

The purpose of this course is to provide students with the study of circular and trigonometric functions and their applications. The Common Core mathematical practice Standards apply throughout the 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. The content shall trigonometric equations, and solutions of right and oblique triangles include, but not be limited to, circular functions, trigonometric identities, graphs of trigonometric functions, particular and general solutions of right and oblique triangles.

Trigonometry Honors	1211300	1 <sup>st</sup> Semester
Math for College Success	1200410	2 <sup>nd</sup> Semester

### PRE-CALCULUS HONORS

Year	1.0 Credit	1202340	10-12
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PREREQUISITE: Algebra II and Geometry

The purpose of this course is to study and analyze in depth algebraic functions, to expand on concepts in trigonometry, and to develop skills necessary for the study of Calculus.

### PROBABILITY AND STATISTICS

Year	1.0 Credit	1210300	11-12
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PREREQUISITE: Algebra II

This course is designed to provide a basic understanding of descriptive and inferential statistics. Topics include the measure of central tendency, standard deviation, combination and permutations, probability, sampling, and various distributions. Emphasis is on applications of statistical concepts. **Graphing Calculator is required.**

## MATHEMATICS FOR COLLEGE READINESS

Year	1.0 credit	1200410	11- 12
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This course provides an introduction to functions, linear equations and inequalities, solving systems of equations, rational equations and algebraic fractions, radicals and rational exponents, factoring and quadratic equations, and complex numbers. The benchmarks reflect the Florida College Competencies necessary for entry-level college courses.

## ADVANCED PLACEMENT CALCULUS AB

Year	1.0 Credit	1202310	11-12
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PREREQUISITE: Pre-calculus or Trigonometry; Instructor/Administrator Approval; PSAT results

The study of Calculus uses the concept of limit to develop the derivative of algebraic and transcendental functions and related applications. Other topics include methods of integration, the definite integral and applications of the integral, and the study of differential equations.

## ADVANCED PLACEMENT CALCULUS BC

Year	1.0 Credit	1202320	12
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PREREQUISITE: AP Calculus AB; Instructor/Administrator Approval; PSAT results

Students cultivate their understanding of differential and integral calculus through engaging with real-world problems represented graphically, numerically, analytically, and verbally and using definitions and theorems to build arguments and justify conclusions as they explore concepts like change, limits, and the analysis of functions.

## ADVANCED PLACEMENT STATISTICS

Year	1.0 Credit	1210320	11-12
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PREREQUISITE: Algebra II; Instructor/Administrator Approval; PSAT results

The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four conceptual themes: exploring data; sampling and experimentation; anticipating patterns; and statistical inference.



## NAVY JROTC



## NAVAL SCIENCE

Year	1.0 credit	see course # below	9-12
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PREREQUISITE: Must complete the previous level prior to enrolling in the next level; only one NJROTC class may be taken at a time.

Navy JROTC is designed to teach high school students the value of citizenship, leadership, service to the community, personal responsibility, and a sense of accomplishment, while instilling in them self-esteem, teamwork, and self-discipline. It prepares high school students for responsible leadership roles while making them aware of their rights, responsibilities, and privileges as American citizens. The program is a stimulus for promoting graduation from high school and admission to college, including assistance with obtaining an ROTC scholarship. It also provides instruction and rewarding opportunities that will benefit the student, community, and nation.

Naval Science I	1802300
Naval Science II	1802310
Naval Science III	1802320
Naval Science IV	1802330

## OUTBOARD MARINE SERVICE



### OUTBOARD MARINE SERVICE 1

Year	1.0 credit	9504210	9-12
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Students will learn entry-level skills for the outboard marine service industry. Hands-on training combined with laboratory and classroom experiences gives the student a full understanding of workplace safety and organization, trailer service, various boat materials, 2-stroke cycle outboard engines, and fuel systems on boats.

### OUTBOARD MARINE SERVICE 2

Year	1.0 credit	9504220	10-12
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PREREQUISITE: Outboard Marine Service 1

Students will learn entry-level skills for the outboard marine service industry. Hands-on training combined with laboratory and classroom experiences gives the student a full understanding of marine electrical systems, procedures for preparing boats to customers, capacitor discharge ignition systems, outboard engine fuel systems, and proper use of computer systems related to parts specialization.

## OUTBOARD MARINE SERVICE 3/4 BLOCK

Year	1.0 credit/ Semester	See course # below	11-12
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PREREQUISITE: Outboard Marine Service 2

In OMS 3, students will learn entry-level skills for the outboard marine service industry. Hands-on training combined with laboratory and classroom experiences gives the student a full understanding of outboard 4-stroke cycle engines, charging systems, battery ignition systems, and cranking systems. In OMS 4, students will learn entry-level skills for the outboard marine service industry. Hands-on training combined with laboratory and classroom experiences gives the student a full understanding of outboard engine lubrication systems, cooling systems, lower gear cases, lower units and housing assemblies, employability, and entrepreneurship.

Outboard Marine Service 3 9504230	1 <sup>st</sup> Semester
Outboard Marine Service 4 9504240	2 <sup>nd</sup> Semester

## PHYSICAL EDUCATION



### WEIGHT TRAINING

Semester	.5 credit	see course # below	9-12
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The purpose of this course is to provide students with opportunities to acquire knowledge and skills in weight training that may be used in physical fitness pursuits today as well as in the future.

Weight Training I	1501340
Weight Training II	1501350
Weight Training III	1501360

### TEAM SPORTS

Semester	.5 credit	1503350 I	9-12
		1500360 II	

The purpose of this course is to provide students with opportunities to acquire knowledge of strategies of team sports play, develop skills in selected team sports, and maintain and/or improve their personal fitness.

### VOLLEYBALL

Semester	.5 credit	see course # below	10-12
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The purpose of this course is to provide students with opportunities to acquire knowledge and skills in power volleyball that may be used in recreational pursuits today as well as later life, and maintain and/or improve their personal fitness. Students will learn advanced power play, advanced offense and defenses, and officiating rules.

Volleyball I	1505500
Volleyball II	1505510
Volleyball III	1505520

## SOCCER

Semester	.5 credit	1503320	9-12
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The purpose of this course is to provide students with opportunities to acquire knowledge and skills in soccer that may be used in pursuits today as well as in later life, and maintain and/or improve their professional fitness. This class meets outside.

## BASKETBALL

Semester	.5 credit	1503310	10-12
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The purpose of this course is to provide students with opportunities to acquire knowledge and skills in basketball that may be used in recreational pursuits today as well as in later life, and maintain and/or improve their personal fitness.

## TENNIS

Semester	.5 credit	see course # below	9-12
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The purpose of this course is to enable students to develop knowledge and skills in tennis and to maintain or improve health-related fitness.

Tennis I	1504500
Tennis II	1504510
Tennis III	1504520

## INDIVIDUAL AND DUAL SPORTS

Semester	.5 credit	see course # below	9-12
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This course will provide a background in a broad base of activities. This course will allow the students to improve their basic skills and be introduced to advanced skills in individual, dual, and team sports, while providing them with the knowledge of rules and strategies related to the activities.

Individual and Dual Sports I	1502410
Individual and Dual Sports II	1502420
Individual and Dual Sports III	1502430

## HOPE

Year	1.0 credit	3026010	9-12
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Will meet graduation requirement for Physical Education with the integration of health topics

The purpose of this course is to develop and enhance healthy behaviors that influence lifestyle choices and student health and fitness. The content should include 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, 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, 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



### BIOLOGY I and BIOLOGY I HONORS

Year	1.0 credit	2000310	10-12
		2000320NN Honors	9
		2000320 Honors	10-12

In this course students will explore the relationships between organisms and their environment, and between their individual cells and system. The processes of life will be approached from the viewpoints of cellular structure and function, genetics and molecular biology, classification of organisms, physiology, biochemistry, and biological changes through time. Laboratory work offers students an opportunity to develop the skills of observing, hypothesizing, and evaluating data, as well as the opportunity to become familiar with scientific instruments and experimental methods.

### ADVANCED PLACEMENT BIOLOGY

Year	1.0 credit	2000340	11-12
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PREREQUISITE: Bio /Chem; Instructor/Administrator Approval; PSAT results

This course will continue and expand the study of biological concepts introduced in Biology with emphasis on the molecular and biochemical principles underlying these concepts. The content includes cell biology, biochemistry, classical genetics, current advances in molecular genetics, evolutionary theory, ecology, taxonomy, plant and animal structure and physiology. This course is designed for mature, advanced students able to learn independently. It will be taught as a laboratory/lecture course at a college freshman level.

### CHEMISTRY I and CHEMISTRY I HONORS

Year	1.0 credit	2003340	11-12
		2003350 Honors	11-12

PREREQUISITE: "C" or better in Algebra I

In this course, students will be provided with a study of the composition, properties and changes associated with matter. The content shall include atomic theory, moles, periodicity, chemical bonding, formula writing, nomenclature, chemical equation, stoichiometry, kinetic theory, gas laws, acids, and bases, energy, relationships, solid, liquids, and solutions. Techniques of safe laboratory practice are an integral part of the course.

### PHYSICS I HONORS

Year	1.0 credit	2003390 Honors	11-12
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PREREQUISITE: Algebra II

This course will provide students with an introductory study of the theories and laws governing the interaction of matter, energy, and the forces of nature. The content shall include mechanics, thermodynamics, wave phenomena, electricity, magnetism, optics, sound, fluids, and nuclear phenomenon.

### ADVANCED PLACEMENT PHYSICS 1 and 2

Year	1.0 credit	2003421	11-12
		2003422	12-12

PREREQUISITE: Geometry/Algebra II concurrently for AP Physics I; AP Physics I for AP Physics II Instructor/Administrator Approval; PSAT results

**AP Physics 1** 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; and mechanical waves and sound. It will also introduce electric circuits.

**AP Physics 2** is the equivalent to a second-semester college course in algebra-based physics. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics, and atomic and nuclear physics.

### ENVIRONMENTAL SCIENCE

Year	1.0 credit	2001340NN	9
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This course will involve the study of man's interaction with the environment. The content shall include, but not be limited to: the study of world-wide biomes, populations, the effect of technology on air, water, and land quality, possible solutions to the problems of pollution, conservation of natural resources and energy, and the effects of different methods of environmental planning and waste management. Laboratory investigations offer students an opportunity to develop skills in observation, evaluating data, and biological field techniques.

### ANATOMY & PHYSIOLOGY HONORS

Year	1.0 Credit	2000360	11-12
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This course will provide students with detailed knowledge of the structures and function of the component system of the human body. Included in the topics covered will be cytology, histology, the skeletal, muscular, nervous, circulatory, respiratory, digestive, urinary and reproductive systems, and special senses. Laboratory work will be emphasized in order to advance the exploratory skills of the students.

## MARINE SCIENCE AND MARINE SCIENCE I HONORS

Year	1.0 credit	2002500	12-12
		2002510 Honors	11-12

The purpose of this course is to provide the student with a survey of the marine science. The content should include, the origin of the oceans, the nature of the marine habitat including, chemical, physical and geological aspects, ecology of the sea zonation, marine communities, classification, taxonomy, characteristics of major marine phyla/divisions, and man's interrelationships with the oceans.

## EARTH SPACE SCIENCE AND HONORS

Year	1.0 credit	2001310	11-12
		2001320 Honors	

This course will involve the student in developing concepts central to an understanding of the earth, its materials, processes, history, and environment in space. The content shall include origin of the universe and solar system, the life cycle of stars, formation of landforms and basic mountain types, fundamental plate tectonics, the hydrologic cycle, oceanography, weather mapping, and the U.S. space program.

## EXPERIMENTAL SCIENCE HONORS

Year	1.0 credit	2002340	9-12
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This course will involve the student in developing a personalized approach to scientific method and experimental design. The content will include scientific surveys, experiments and observational studies; the presentation of knowledge and ideas; use of available laboratory technology; and exploration of careers in the field of science. Students will meet different types of scientists, engineers, and technicians as they research different problems solved by science, career opportunities, and the future of science. NOTE: STEM Fair projects will be the basis of the first semester and are required for each student enrolled in this course.

## SOCIAL STUDIES



### WORLD HISTORY

Year	1.0 credit	2109310	10-12
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The first semester traces the growth of Europe to 1600 AD, including feudalism, the rising of nation-states, the Renaissance, Reformation, the Age of Discovery, the Industrial Revolution, the period of Reaction, Revolution and Reform, and World War I. The second semester presents the history of the significant events of the 20<sup>th</sup> century, including events leading to World War II, the rise of Third World Nations, The Cold War, The Age of the Superpowers and the significant events of the 1980's. It will also include Americanism vs. Communism.

## WORLD HISTORY HONORS

Year	1.0 credit	2109320	10-12
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The first semester begins with a brief overview of the period prior to 1350 and is proceeded by in-depth study of Renaissance, Reformation, Age of Revolution, Napoleon and his effects on Europe. The second semester of this year course will begin with an in-depth study of Industrialism to present day world affairs. Included are the rise of the modern nation-state, major revolutions, the impact of colonialism, World War I, World War II, post-war Europe, the rise of the super powers and Europe today. Survey coverage will also be given to Asia, Africa, and the Western Hemisphere during the same time period.

## US HISTORY and US HISTORY HONORS

Year	1.0 credit	2100310	11-12
		2100320 Honors	

This course is designed to develop an understanding of the American experience. The first semester includes a brief overview of the Civil War and Reconstruction Era and continues with an in-depth study of America's rise to power, the Populist and Progressive movements, World War I and the Crash. The second semester course continues an in-depth study of the American experience including the Depression, World War II, the Fifties, Sixties, the Vietnam War, Watergate, and into the 1990's.

## ECONOMICS WITH FINANCIAL LITERACY and HONORS

Semester	.5 credit	2102335	12
		2102345 Honors	

Money! We all want it, use it, and need it. We all get it through the system of economics used in the United States. How does the economy work? What is the role of business, labor, government, and the consumer? What makes the free enterprise system so productive? What are the problems of the economy and how do we survive inflation, recession, or budget deficits? Find out in the course by understanding supply and demand, market structures, goods and services, and the comparison of different economic systems.

## US GOVERNMENT and US GOVERNMENT HONORS

Semester	.5 credit	2106310	12
		2106320 Honors	

The purpose of this course is to give the student an understanding of American Government and political behavior. Emphasis will be placed on the powers and functions of three basic branches of government, the political system, Foreign Policy, and the impact of Government on citizens and the effect citizens have on government. What is the structure and function of the political system of the United States? What decisions should be made to solve problems? This course gives students the opportunity to ponder political issues. Areas of exploration will include the United States Political System, state and local governments, foreign policy, and social programs.

## **ADVANCED PLACEMENT AMERICAN GOVERNMENT/RESEARCH**

<i>Semester 1</i>	<i>.5 credit</i>	<i>2106430</i>	<i>12</i>
<i>Semester 2</i>	<i>.5 credit</i>	<i>1700300XG</i>	<i>12</i>

PREREQUISITE: Instructor/Administrator Approval; PSAT results

This course is designed to instruct students in the mastery of techniques to pass the Advanced Placement exam. Students will acquire a critical perspective of politics and government in the United States. The content will include federalism and the separation of powers, development of the Constitution, political process, nature of public opinion, role of political parties and interest groups, major formal and informal institutional arrangement of power, and the development of civil liberties and civil rights.

## **MULTICULTURAL STUDIES**

<i>Semester</i>	<i>.5 credit</i>	<i>2104600</i>	<i>11-12</i>
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The primary content emphasis for this course pertains to the study of the chronological development of multicultural and multiethnic groups in the United States and their influence on the development of American culture. Content should include, but is not limited to, the influence of geography on the social and economic development of Native American culture, the influence of major historical events on the development of a multicultural American society and a study of the political, economic and social aspects of Native American, Hispanic American, African American and Asian American culture.

## **HOLOCAUST STUDIES**

<i>Semester</i>	<i>.5 credit</i>	<i>2109430</i>	<i>11-12</i>
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The primary content emphasis for this course pertains to the examination of the events of the Holocaust (1933-1945), the systematic, planned annihilation of European Jews and other groups by Nazi Germany. Content will include, but is not limited to, the examination of twentieth century pogroms and of twentieth century and twenty-first century genocides, investigation of human behavior during this period, and an understanding of the ramifications of prejudice, racism, and stereotyping.

## **PERSONAL FINANCIAL LITERACY**

<i>Semester</i>	<i>.5 credit</i>	<i>2102372</i>	<i>9-12</i>
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The primary content for the course pertains to the study of learning the ideas, concepts, knowledge and skills that will enable students to implement beneficial personal decision-making choices; to become wise, successful, and knowledgeable consumers, savers, investors, users of credit and money managers; and to be participating members of a global workforce and society. Content should include cost/Benefit analysis of economic decisions, earning an income, understanding state and federal taxes, utilizing banking and financial services, balancing a checkbook and managing a bank account, savings, investment and planning for retirement, understanding loans and borrowing money,

including predatory lending and payday loans, understanding interest, credit card debt and online commerce, how to prevent identify fraud and theft, rights and responsibilities of renting or buying a home, understanding and planning for major financial purchases, understanding the costs and benefits of insurance, understanding the financial impact and consequence of gambling, avoiding and filing bankruptcy, and reducing tax liability.