

The Legacy Continues

# ST. LUCIE WEST CENTENNIAL HIGH SCHOOL



## 2023 – 2024 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 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 provide 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**

### **SCHOOL COUNSELING 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, and assistance to students, parents, teachers, and other professionals in providing a sound educational program for all students. Mental Health counselors assist in a confidential manner with personal and 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

### **SCHEDULE CHANGES**

Students will be able to request changes to their schedules during the first week of school. The student must submit a completed Request for Schedule Change form.

Schedule changes will ONLY be considered for the following reasons:

- Student does not have 7 classes on schedule for semester one
- Student has failed to meet the prerequisite for the next level
- Student scheduled for course in which a passing grade was previously recorded
- Senior needing a course for college or graduation

**\*Requests for elective class changes will be denied if the original elective was chosen on your registration form.**

### **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 Fs in any combination constitute an automatic failure for the semester.

Grading System:

<b>Grade</b>	<b>Percentage</b>	<b>Definition</b>
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.

## **SUMMER CREDIT RECOVERY**

Summer Credit Recovery is provided through the District and is available for all students. Students who have course deficiencies are encouraged to attend summer credit recovery. 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.

## **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 Florida Shines at [www.floridashines.org](http://www.floridashines.org).

### **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.
- Access [www.khanacademy.org](http://www.khanacademy.org) for SAT preparation and ACT.org for ACT preparation, 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.
- Take the free School Day SAT. This is college reportable and can count for a concordant score for graduation testing requirements.
- 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) and [www.collegeboard.com](http://www.collegeboard.com).
- 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, or provide email address for where to send it.
- 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!

## **VOLUNTEER SERVICE HOURS**

Donating your time to help an organization or group of people can be a great opportunity to interact with your community and get experiences you can use to make decisions about your future. Community service hours are required for Bright Futures Scholarships and other forms of financial aid. Students who participate in community service hours can add the information to their resume and college applications. Hours must be earned between 9<sup>th</sup> and 12<sup>th</sup> grades to be used to qualify for scholarships.

Requirements for community service hours are below:

- Service hours must include work for non-profit community service organizations, activities on behalf of a candidate for public office, business or government internship, or school sponsored community service opportunities.
- Service hours may not be service to family members, defined as parents, grandparents, siblings, aunts, uncles, cousins, nieces, nephews, and their spouses, including all step relations.

The following is required to have community service hours entered by school personnel:

- Hours must be documented in writing on the organization's letterhead and must include the organization's contact phone number and signature of the representative from the organization. The letter must be submitted with the SLPS Service Hour Form prior to any deadline set by the school, not to surpass the student's graduation date.
- Students must log hours of community service on the SLPS Service Hour Form. These forms must be signed by the student and parent, then submitted to the school's designee prior to deadlines, not to surpass the student's graduation date.
- Students must evaluate and reflect on their service experience by submitting a written paper or other presentation. This must be submitted together with a letter from the organization and the SLPS Service Hour Form prior to the deadline, not to surpass the student's graduation date.

## **WORK SERVICE HOURS**

Florida House Bill 461 allows high school students graduating in the 2022-2023 academic year and thereafter, to meet the volunteer service requirements prescribed under each award in the Bright Futures Program through 100 hours of paid work. A student meeting an award requirement through paid work must have approval from the school designee, the administrators of a non-public school, or the Department of Education for a home education program student. Work hours must be earned between 9<sup>th</sup> and 12<sup>th</sup> grades in order to be used to qualify for scholarships. The following is required to have work service hours entered by school personnel.

- Students must log work hours on the SLPS Service Hour Form. These forms must be signed by the student and parent and submitted to your high school's designee prior to advertised deadlines, not to surpass the student's graduation date.
- Students must show proof of work experience. This can be done by producing the following documents:
  - Letter signed by employer with contact phone number
  - Check stub (darken the social security number)
  - Any other appropriate form of work verification (deemed by school administration)
- Students must evaluate and reflect on their service experience by submitting a written paper or other presentation. This must be submitted together with proof of work experience and SLPS Service Hour Form prior to the deadline, not to surpass the student's graduation date.

## **BRIGHT FUTURES**

The following is a link to Bright Future Award amounts and to complete the application.

[www.FloridaStudentFinancialAid.org/SSFAD/bf/awardamt.htm](http://www.FloridaStudentFinancialAid.org/SSFAD/bf/awardamt.htm) for Bright Futures award amounts or see below.

Type	16 High School Course Credits <sup>1</sup>	High School Weighted Bright Futures GPA	College Entrance Exams by High School Graduation Year (ACT <sup>®</sup> /SAT <sup>®</sup> )	Service Hours
FAS	4 - English <i>(three must include substantial writing)</i>	3.50	2021-22 Graduates: 29/1330	100 hours
	4 - Mathematics <i>(at or above the Algebra I level)</i>		2022-23 Graduates: 29/1330	
FMS	3 - Natural Science <i>(two must have substantial laboratory)</i>	3.00	2021-22 Graduates: 25/1210	75 hours
	3 - Social Science		2022-23 Graduates: 25/1210	
	2 - World Language <i>(sequential, in same language)</i>			

The required coursework aligns with the State University System admission requirements found in Florida Board of Governor's Regulation 6.002. Additional information regarding high school coursework can be found within the [Florida Counseling for Future Education Handbook](#).

## **FAFSA**

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.

## **CLASSIFICATION OF ACADEMIC 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**

In addition to meeting the 24-credit standard high school diploma requirements, a student must

- Earn 1 credit in Algebra II (or an equally rigorous course)
- Pass the Geometry EOC
- Earn 1 credit in Statistics or an equally rigorous mathematics course
- Earn 1 credit in Chemistry or Physics
- Earn 1 credit in a course equally rigorous to Chemistry or Physics
- Earn 2 credits in the same world language
- Earn 1 credit in AP, AICE, IB or a dual enrollment course
- Pass the Biology 1 EOC assessment
- Pass the US History EOC assessment

A student is exempt from the Biology 1 or U.S. History assessment if the student is enrolled in an AP, IB, or AICE Biology 1 or U.S. History course and the student

- Takes the respective AP, IB, or AICE assessment; and
- Earns the minimum score to earn college credit.

### **Merit Designation**

- Meet the standard high school diploma requirements
- Attain 1 or more industry certifications under s.1003.492, F.S

## **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.

<https://www.fldoe.org/schools/k-12-public-schools/bosss/talented-twenty-program/>

## **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; has passed or is currently enrolled in an acceleration course; 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.**



Principal  
Andrea Popwell

### St. Lucie West Centennial High School

1485 SW Cashmere Boulevard  
Port St. Lucie, FL 34986  
(772) 344-4400 • Fax (772) 344-4406

Superintendent  
Dr. Jon R. Prince

Assistant Principals  
Russell Ader  
Vanessa Capo  
Susan Mannion  
Sandra Oliveira

### **DUAL ENROLLMENT/SENIOR PRIVILEGE POLICY**

#### ST. LUCIE WEST CENTENNIAL HIGH SCHOOL POLICY FOR STUDENTS WITH LESS THAN 7 CLASSES ON CAMPUS

The requirements for students wanting this privilege are as follows:

- Senior privilege students must have a 2.0 unweighted Cumulative/Core GPA and be on track for graduation.
- Senior must have previously received an acceleration point or currently be enrolled in an acceleration course/CTE Certification course.
- Dual enrollment students must have a 3.0 unweighted cumulative GPA and pass the PERT test.
- Must have transportation that allows them to arrive late or leave early.
- Must have a schedule with consecutive classes and no gaps between classes.
- Must turn in this signed notarized parental consent form to their School Counselor.
- May not transport other students during school hours.
- Per school board policy students may not take more than 7 classes total per semester (SLWCH, IRSC, FLVS).

**Students found on campus in violation of any of the above points without administrative consent will be subject to disciplinary consequences including suspension and loss of privilege schedule.**

#### STATEMENT OF PARENTAL CONSENT

STUDENT NAME \_\_\_\_\_ STUDENT ID # \_\_\_\_\_

STUDENT PHONE NUMBER \_\_\_\_\_

I AM AWARE THAT THE ABOVE-NAMED STUDENT HAS AN ABBREVIATED SCHEDULE (LESS THAN 7 CLASSES ON THE SLWCHS CAMPUS) AND WILL EITHER BE ARRIVING OR LEAVING CAMPUS AT TIMES OTHER THAN THE REGULAR SCHOOL HOURS. I UNDERSTAND MY CHILD WILL BE RESPONSIBLE FOR PROVIDING TRANSPORTATION TO ENABLE A SHORTER DAY. I UNDERSTAND MY CHILD MAY NOT REMAIN ON CAMPUS DURING PERIODS WHEN A CLASS IS NOT SCHEDULED. I UNDERSTAND THAT I AM RESPONSIBLE FOR MY CHILD WHEN HE/SHE IS OFF CAMPUS. I UNDERSTAND THAT THIS SCHEDULE MAY REQUIRE MY CHILD TO PASS ALL CLASSES FOR CREDIT AND OR GPA PURPOSES IN ORDER TO GRADUATE.

PARENT/GUARDIAN NAME (PRINT) \_\_\_\_\_

PARENT/GUARDIAN SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

NOTARY SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

NOTARY SEAL: \_\_\_\_\_ MY COMMISSION EXPIRES: \_\_\_\_\_



District-wide System Accreditation by AdvancED  
The School Board of St. Lucie County is an Equal Opportunity Agency



## GRADUATION REQUIREMENTS

Subject Area	Graduation Requirements of 24 Credit Program s.1003.4282F.S	Graduation Requirements for ACCELL 18 Credit Program
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/FAST and the Algebra I EOC or scores on a standardized test that is concordant with passing scores on the FSA/FAST & Algebra EOC (ACT or SAT); Geometry and Biology EOC will count as 30% of course grade	Passing scores on the Grade 10 Reading FSA/FAST and the Algebra I EOC or scores on a standardized test that is concordant with passing scores on the FSA/FAST & 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.

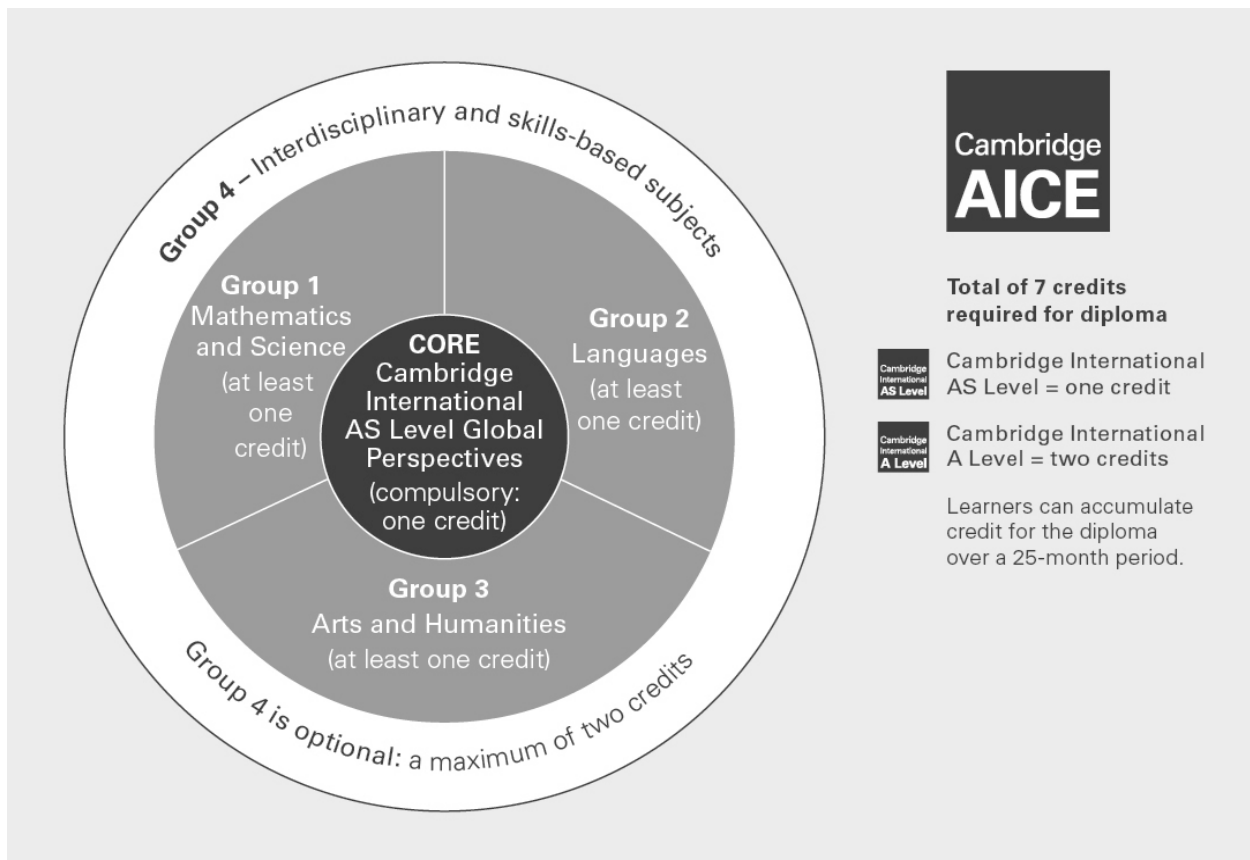
## ADVANCED INTERNATIONAL CERTIFICATE OF EDUCATION (AICE) PROGRAM

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 English Language	AICE English Literature	AICE General Paper	AICE Global Perspectives
AICE Marine Science	AICE Spanish Language	AICE European History	AICE Thinking Skills	
AICE Psychology		AICE United States History		
AICE Sports & PE		AICE Psychology		
		AICE Sociology		
		AICE Art and Design		
		AICE Media Studies		
		AICE Digital Media & Design		
		AICE Sports & PE		

<b>AICE Cambridge Suggested Pathway</b>			
<b>9th Grade</b>	<b>10th Grade</b>	<b>11th Grade</b>	<b>12th Grade</b>
AICE General Paper	AICE General Paper	AICE General Paper	AICE General Paper
AICE Media Studies	AICE English Language	AICE English Language	AICE English Language
AICE Digital Media & Design	AICE Spanish Language	AICE Spanish Language	AICE Spanish Language
AICE Sports & PE	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 Media Studies	AICE English Literature	AICE English Literature
	AICE Digital Media & Design	AICE Marine Science	AICE Marine Science
	AICE Art and Design	AICE Environmental Management	AICE Environmental Management
	AICE Sports & PE	AICE Media Studies	AICE Media Studies
		AICE Digital Media & Design	AICE Digital Media & Design
		AICE Art and Design	AICE Art and Design
		AICE Sports & PE	AICE Sports & PE

**FOR INFORMATION, PLEASE CONTACT AICE COORDINATOR:**

Mrs. Lea-Ann Willems at 772-344-4400 (ext.8430), [Lea-ann.Willems@stlucieschools.org](mailto:Lea-ann.Willems@stlucieschools.org) or in room I-110.

## **ADMISSIONS**

Students must apply to the AICE office to be reviewed. The criteria reviewed includes:

- Grades (minimum 3.0 GPA on core academic subjects)
- FSA Scores (minimum 3 or above) or comparable national examinations
- Teacher recommendations
- 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.

## **DUAL ENROLLMENT**

*College and High School Credit*

### **MINIMUM ELIGIBILITY**

- Completion of a minimum of 4.0 core (or world language) high school credits
- Cumulative grade point average 3.0 or above (unweighted)
- Qualifying test scores [on SAT/ACT/PERT (#8)]
- On track to graduate with, or ahead of, cohort

Students must meet or exceed the following placement test scores:

	<b>READING</b>	<b>ENGLISH/ WRITING</b>	<b>MATH</b>
<b>PERT</b>	106	103	114
<b>ACT</b>	19	14	19
<b>SAT</b>	24	25	24

Students must meet or exceed the following alternative Placement Test scores to demonstrate college readiness:

Alternative Placement Tests	Reading	English/Writing	Mathematics
PSAT/NMSQT	24	25	24
PreACT®	22	18	22
(GED®) Test	165		165
<small>*NA for the Dual Enrollment Program</small>			
Test Assessing Secondary Completion (TASC™)	560	560 - 6 on essay	580
High School Equivalency Test (HiSET®)	15	15	15
ALEKS® PPL			30

Students who have an unweighted high school GPA of 3.0 and achieves a grade of “B” or better in any of the courses listed below from a Florida Public School shall have demonstrated readiness for college-level work.

<b>High School Coursework</b>	
English	Mathematics
English 4/English 4 Honors	Algebra 1/Algebra 1 Honors
English Language and English Literature	Algebra 2/Algebra 2 Honors
Advanced International Certificate of Education (AICE) high school English courses	Pre-Calculus
Advanced Placement (AP) high school English courses	Calculus
International Baccalaureate (IB) high school English courses	Geometry
	Probability and Statistics
	Math for College Algebra
	Math for College Statistics
	Math for College Liberal Arts
	Advanced International Certificate of Education (AICE) high school mathematics courses
	Advanced Placement (AP) high school mathematics courses

## **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 (PERT Reading 106 req for SLS1101).
  - a. On campus DE courses will not count toward this maximum enrollment total. Students are also strongly encouraged to participate in the IRSC Dual Enrollment New Student orientation (NSO), which includes information on college policies, procedures, resources, expectations, and other essential items that help support student success. Students will provide the completion certificate to high school counselor upon enrollment.
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. Students must maintain the minimum college GPA of a 2.0 for continued enrollment in the program.
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 must meet high school graduation requirements, as well as the student's intended AA program of study.
7. If a student opts to qualify with SAT or ACT scores, s/he is responsible for any fees associated with score submission.
8. 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)
9. Students may only take a maximum combined (assigned high school and Dual Enrollment) schedule of 7 classes.
10. Beginning in the Spring 2016 semester, all Dual Enrollment students must complete SLS1101 – Student Success during their first semester of Dual Enrollment or will be ineligible to continue Dual Enrollment course in future semesters.
11. Students are assigned an IRSC advisor and given his/her name and contact information. Students must schedule an appointment during their first semester of DE. All Dual Enrollment students are required to meet with their IRSC advisor sometime during their **first semester** to map out their program of study Guided Pathway/"Academic Plan". (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. **Student will be ineligible to continue in dual enrollment if a guided pathway is not complete by the first semester.** It is the responsibility of the student to notify the high school counselor if there is any change to the Academic Plan.
12. **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.
13. Students who withdraw from a course after the 'Last Day to Drop' period (and would consequently have a "W" appear on transcript) cannot take additional Dual Enrollment classes until they have retaken and completed the course at their own expense or during the summer. **Before dropping a course online, student must meet with instructor and complete the**



Dual Enrollment Withdrawal Form. Then, student meets with both the high school counselor and the college advisor for review. 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. To retake a course, the student must still meet eligibility criteria (including 3.0 cumulative unweighted GPA)  
\*\*See SLPS/IRSC articulation agreement for second and third attempt guidelines.\*\*
15. Students will be limited to a maximum of 60 credit hours of Dual Enrollment.
16. Students are eligible to enroll in a maximum of 12 credits over the summer (example: 6 credits in Summer Session A, 6 credits in Summer Session B)
17. 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.
18. If student receives an incomplete, it is the sole responsibility of the student to notify the school when the final grade/grade change posts. An "I" (high school or Dual Enrollment) must be reconciled before future dual enrollment eligibility is determined. The general grade change notification policy during senior ranking also applies to DE grade change posts.

## **ADVANCED PLACEMENT**

*College and High School Credit*

### **UNIVERSITY BOUND STUDENTS**

**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 \$40.00 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, \$87.*** 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)

GPA: 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  
Biology  
Physics  
Precalculus

## **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.

## **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 \*\*\*

### **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

### **ACADEMY OF EARLY CHILDHOOD**

- Early Childhood I
- Early Childhood II
- Early Childhood III/IV \*\*\*

### **ACADEMY OF CRIMINAL JUSTICE**

- Criminal Justice Operations I
- Criminal Justice Operations II
- Criminal Justice Operation III
- Certified Legal Assistant

### **ACADEMY OF OUTBOARD MARINE SERVICE TECHNOLOGY**

- Outboard Marine Service I
- Outboard Marine Service II
- Outboard Marine Service III/IV

### **ACADEMY OF NAVAL JROTC**

- Naval Science I – IV

# COURSE OFFERINGS



ST. LUCIE WEST CENTENNIAL  
EAGLES

## EAGLE CURRICULUM GUIDE 2023 – 2024

<i>EN – ENGLISH</i>	<i>AH – AMERICAN HISTORY</i>	<i>LM – LIFE MANAGEMENT SKILLS</i>	<i>EC – ECONOMICS</i>
<i>MA – MATHEMATICS</i>	<i>AG – AMERICAN GOVERNMENT</i>	<i>PF – PERFORMING ARTS</i>	<i>SC – SCIENCE</i>
<i>WH – WORLD HISTORY</i>	<i>PE – PHYSICAL EDUCATION</i>	<i>EL – ELECTIVE</i>	<i>VO – PRACTICAL ARTS</i>

<b>ALLIED HEALTH</b>					
STATE COURSE #	COURSE TITLE	PREREQUISITE	GRADE LEVEL	CREDIT AMOUNT	KIND
8417100	Health Science Anatomy & Physiology		10 – 12	1.0	VO
8417110	Health Science Foundations	Health Science Anatomy & Physiology	11 – 12	1.0	VO
8407131	Allied Health Assist III	Health Science Foundations	11 – 12	1.0	VO
8417211	Nursing Assistant III	Academy Completer	12	1.0	VO
8427130	Electrocardiograph Technician (EKG)	Academy Completer	12	1.0	VO

<b>ART</b>					
STATE COURSE #	COURSE TITLE	PREREQUISITE	GRADE LEVEL	CREDIT AMOUNT	KIND
0101300	Two-Dimensional Art I		9 – 12	1.0	PF
0101370	AICE Art and Design	Two-Dimensional Art	10 – 12	1.0	PF
0104340	Drawing I	Two-Dimensional Art	10 – 12	1.0	PF
0104350	Drawing II	Drawing I	11 – 12	1.0	PF
0102300	Ceramics/Pottery I		10 – 12	1.0	PF
0102310	Ceramics/Pottery II	Ceramics/Pottery I	11 – 12	1.0	PF
0108310	Creative Photography I	Two-Dimensional Art	10 – 12	1.0	PF
0108320	Creative Photography II	Creative Photography 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
0111310	Sculpture I	Two-Dimensional Art or Ceramics I	10 – 12	1.0	PF

<b>BAND, MUSIC, CHORUS</b>					
STATE COURSE #	COURSE TITLE	PREREQUISITE	GRADE LEVEL	CREDIT AMOUNT	KIND
1300300	Music Theory I		9 – 12	1.0	PF
1301360	Keyboarding I (Intro to Piano)		9 – 12	1.0	PF
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
1302320	Symphonic Wind Ensemble III	Director Approval	9	1.0	PF
1302330	Symphonic Wind Ensemble IV	Director Approval	10	1.0	PF
1302340	Symphonic Wind Ensemble V	Director Approval	11	1.0	PF
1302350	Symphonic Wind Ensemble VI	Director Approval	12	1.0	PF
1302420	Instrumental Tech I (Percussion)		9 – 12	1.0	PF
1302430	Instrumental Tech II (Percussion)	Instrumental Tech I	10 – 12	1.0	PF
1302440	Instrumental Tech III (Percussion)	Instrumental Tech II	10 – 12	1.0	PF
1302450	Instrumental Tech Honors (Per.)	Instrumental Tech 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
1303300	Chorus I		9 – 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
1303440	Vocal Ensemble I	Audition	9 – 12	1.0	PF
1303450	Vocal Ensemble II	Vocal Ensemble I	10 – 12	1.0	PF
1303460	Vocal Ensemble III	Vocal Ensemble II	11 – 12	1.0	PF

<b>COMPUTER EDUCATION</b>					
STATE COURSE #	COURSE TITLE	PREREQUISITE	GRADE LEVEL	CREDIT AMOUNT	KIND
8207010	Emerging Technology in Business		12	1.0	VO
8207310	Digital Info Technology (DIT)		9 – 12	1.0	VO
8209510	Digital Design I	Digital Info Technology	10 – 12	1.0	VO
8209520	Digital Design II	Digital Design I	11 – 12	1.0	VO
8209530	Digital Design III	Digital Design II	12	1.0	VO
8208110	Game & Simulation Foundations	Digital Info Technology	10 – 12	1.0	VO
8208120	Game & Simulation Design	Game & Simulation Foundations	11 – 12	1.0	VO
8208130	Game & Simulation 2D Graphics	Game & Simulation Design	12	1.0	VO
8208140	Game & Simulation 3D Graphics	Game & Simulation 2D Graphics	12	1.0	VO

<b>CRIMINAL JUSTICE</b>					
STATE COURSE #	COURSE TITLE	PREREQUISITE	GRADE LEVEL	CREDIT AMOUNT	KIND
8918010	Criminal Justice Ops I		10 – 11	1.0	VO
8918020	Criminal Justice Ops II	Criminal Justice Ops I	11 – 12	1.0	VO
8918060	Criminal Justice Ops III	Criminal Justice Ops II	12	1.0	VO
8918060	Certified Legal Assistant	Criminal Justice Ops III	12	1.0	VO

<b>CULINARY ARTS</b>					
STATE COURSE #	COURSE TITLE	PREREQUISITE	GRADE LEVEL	CREDIT AMOUNT	KIND
8800510	Culinary Arts I		9 – 11	1.0	VO
8800520	Culinary Arts II	Culinary Arts I	10 – 12	1.0	VO
8800530	Culinary Arts III	Culinary Arts II	10 – 12	1.0	VO
8800540	Culinary Arts IV	Culinary Arts III	11 – 12	1.0	VO
8801000	Hospitality & Tour Direct Study	Culinary Arts IV	11 – 12	1.0	VO

<b>DIGITAL VIDEO TECHNOLOGY</b>					
STATE COURSE #	COURSE TITLE	PREREQUISITE	GRADE LEVEL	CREDIT AMOUNT	KIND
8201410	Digital Video Technology I (DVT)	Middle School Tech / DIT	9 – 11	1.0	VO
0108400	AICE Digital Media & Design	Digital Video Tech I	9 – 12	1.0	PF
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

<b>DRAMA</b>					
<b>STATE COURSE #</b>	<b>COURSE TITLE</b>	<b>PREREQUISITE</b>	<b>GRADE LEVEL</b>	<b>CREDIT AMOUNT</b>	<b>KIND</b>
0400310	Theatre I		9 – 12	1.0	PF
0400620	Theatre Improvisation		9 – 12	1.0	PF
0400370	Acting I	Teacher Recommendation / 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	1.0	PF
0400700	Musical Theatre I	Teacher Recommendation	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

<b>DUAL ENROLLMENT – SLWCHS CAMPUS</b>					
<b>STATE COURSE #</b>	<b>COURSE TITLE</b>	<b>PREREQUISITE</b>	<b>GRADE LEVEL</b>	<b>CREDIT AMOUNT</b>	<b>KIND</b>
SLS1101	Student Success	Placement Score	9	0.5	EL
MAT1033	Intermediate Algebra	Placement Score	11 – 12	0.5	MA
MAC1105	College Algebra	MAT1033 or Placement Score	11 – 12	1.0	MA
MAC1140	Precalculus Algebra	MAC1105 or Placement Score	11 – 12	1.0	MA

<b>EARLY CHILDHOOD</b>					
<b>STATE COURSE #</b>	<b>COURSE TITLE</b>	<b>PREREQUISITE</b>	<b>GRADE LEVEL</b>	<b>CREDIT AMOUNT</b>	<b>KIND</b>
8405110	Early Childhood I		9 – 12	1.0	VO
8405120	Early Childhood II	Early Childhood 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

<b>PRINCIPLES OF TEACHING</b>					
<b>STATE COURSE #</b>	<b>COURSE TITLE</b>	<b>PREREQUISITE</b>	<b>GRADE LEVEL</b>	<b>CREDIT AMOUNT</b>	<b>KIND</b>
8909010	Introduction to the Teaching Profession		9 – 10	1.0	VO

<b>FOREIGN LANGUAGES</b>					
<b>STATE COURSE #</b>	<b>COURSE TITLE</b>	<b>PREREQUISITE</b>	<b>GRADE LEVEL</b>	<b>CREDIT AMOUNT</b>	<b>KIND</b>
0701320	French I		9 – 12	1.0	EL
0701330	French II	French I	10 – 12	1.0	EL
0708340	Spanish I		9 – 12	1.0	EL
0708350	Spanish II	Spanish I	9 – 12	1.0	EI
0708360	Spanish III Honors	Spanish II	10 – 12	1.0	EL
0708538	AICE Spanish Language		10 – 12	1.0	EL
0708340BL	Spanish I Blocked		9 – 12	1.0	EL
0708350BL	Spanish II Blocked		9 – 12	1.0	EL

<b>LEADERSHIP TECHNIQUES (FRESHMEN SEMINAR)</b>					
<b>STATE COURSE #</b>	<b>COURSE TITLE</b>	<b>PREREQUISITE</b>	<b>GRADE LEVEL</b>	<b>CREDIT AMOUNT</b>	<b>KIND</b>
2400310	Leadership Techniques		9	1.0	EL

<b>HUMANITIES</b>					
<b>STATE COURSE #</b>	<b>COURSE TITLE</b>	<b>PREREQUISITE</b>	<b>GRADE LEVEL</b>	<b>CREDIT AMOUNT</b>	<b>KIND</b>
2107300	Psychology I		9 – 12	0.5	EL
2107310	Psychology II	Psychology I	9 – 12	0.5	EL
2107360	AICE Psychology		10 – 12	1.0	EL
2108300	Sociology		9 – 12	0.5	EL
2108310	AICE Sociology		10 – 12	1.0	EL
1700372	AICE Thinking Skills		9 – 12	1.0	EL
1700364	AICE Global Perspectives		10 – 12	1.0	EL

<b>INTENSIVE READING</b>					
<b>STATE COURSE #</b>	<b>COURSE TITLE</b>	<b>PREREQUISITE</b>	<b>GRADE LEVEL</b>	<b>CREDIT AMOUNT</b>	<b>KIND</b>
1000412	Intensive Reading I	Counselor Placement	9	1.0	EL
1000414	Intensive Reading II	Counselor Placement	10	1.0	EL
1000416	Intensive Reading III	Counselor Placement	11	1.0	EL
1000418	Intensive Reading IV	Counselor Placement	12	1.0	EL

<b>LANGUAGE ARTS</b>					
<b>STATE COURSE #</b>	<b>COURSE TITLE</b>	<b>PREREQUISITE</b>	<b>GRADE LEVEL</b>	<b>CREDIT AMOUNT</b>	<b>KIND</b>
1001310	English I		9	1.0	EN
1009400	AICE General Paper		9 – 12	1.0	EN
1001340	English II		10	1.0	EN
1001350	English II Honors		10	1.0	EN
1001550	AICE English Language		10 – 12	1.0	EN
1001370	English III		11	1.0	EN
1001380	English III Honors		11	1.0	EN
1005370	AICE English Lit AS Level		11 – 12	1.0	EN
1005375	AICE English Lit A Level	AICE English Lit AS Level	12	1.0	EN
1001405	English IV College Prep		12	1.0	EN
1001410	English IV Honors		12	1.0	EN
1007300	Speech I		9 – 12	1.0	PF
1007330	Debate I		9 – 12	1.0	PF
1006375	Social Media		9 – 12	0.5	EL
1009320	Creative Writing I		9 – 12	0.5	EL
1009330	Creative Writing II	Creative Writing I	9 – 12	0.5	EL

<b>LEADERSHIP SKILLS DEVELOPMENT</b>					
<b>STATE COURSE #</b>	<b>COURSE TITLE</b>	<b>PREREQUISITE</b>	<b>GRADE LEVEL</b>	<b>CREDIT AMOUNT</b>	<b>KIND</b>
2400300	Leadership Skills Development I	Application	10 – 12	1.0	EL
0500510	PCSD II (Leadership II)	Leadership I	11 – 12	1.0	EL
0500520	PCSD III (Leadership III)	Leadership II	11 – 12	1.0	EL

<b>LIBRARY / MEDIA</b>					
<b>STATE COURSE #</b>	<b>COURSE TITLE</b>	<b>PREREQUISITE</b>	<b>GRADE LEVEL</b>	<b>CREDIT AMOUNT</b>	<b>KIND</b>
0500530	PCSD IV		11 – 12	1.0	EL



1100460	AICE Media Studies AS Level		9 – 12	1.0	EL
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<b>MATHEMATICS</b>					
STATE COURSE #	COURSE TITLE	PREREQUISITE	GRADE LEVEL	CREDIT AMOUNT	KIND
1200310	Algebra I		9	1.0	MA
1200320	Algebra I Honors		9	1.0	MA
1206310	Geometry	Algebra I	9 – 11	1.0	MA
1206320	Geometry Honors	Algebra I	9 – 12	1.0	MA
1207350	Math for College Liberal Arts	Algebra I / Geometry	9 – 12	1.0	MA
1200387	Math for Data and Financial Literacy	Algebra I / Geometry	9 – 12	1.0	MA
1200330	Algebra II	Algebra I / Geometry	10 – 12	1.0	MA
1200340	Algebra II Honors	Algebra I / Geometry	9 – 12	1.0	MA
1200700	Math for College Algebra	Algebra I / Geometry	10 – 12	1.0	MA
1210300	Probability and Stats Honors	Algebra II / Geometry	10 – 12	1.0	MA
1202340	Precalculus Honors	Algebra II / Geometry	10 – 12	1.0	MA
pending	AP Precalculus	Algebra II / Geometry	10 – 12	1.0	MA
1202310	AP Calculus AB	Precalculus	11 – 12	1.0	MA
1202320	AP Calculus BC	AP Calculus AB	12	1.0	MA

<b>MATHEMATICS ELECTIVE – does not count as a math credit</b>					
STATE COURSE #	COURSE TITLE	PREREQUISITE	GRADE LEVEL	CREDIT AMOUNT	KIND
1209315	Math for ACT / SAT	Counselor Placement	11 – 12	1.0	EL

<b>NAVY JROTC</b>					
STATE COURSE #	COURSE TITLE	PREREQUISITE	GRADE LEVEL	CREDIT AMOUNT	KIND
1802300	Navy JROTC I		9 – 12	1.0	EL
1802310	Navy JROTC II	Navy JROTC I	10 – 12	1.0	EL
1802320	Navy JROTC III	Navy JROTC II	11 – 12	1.0	EL
1802330	Navy JROTC IV	Navy JROTC III	12	1.0	EL

<b>OUTBOARD MARINE SERVICE TECHNOLOGY</b>					
STATE COURSE #	COURSE TITLE	PREREQUISITE	GRADE LEVEL	CREDIT AMOUNT	KIND
9504210	Outboard Marine Service I		9 – 12	1.0	VO
9504220	Outboard Marine Service II	Outboard Marine Service I	10 – 12	1.0	VO
9504230	Outboard Marine Service III	Outboard Marine Service II	11 – 12	1.0	VO
9504240	Outboard Marine Service IV	Outboard Marine Service III	11 – 12	1.0	VO

<b>PHYSICAL EDUCATION</b>					
STATE COURSE #	COURSE TITLE	PREREQUISITE	GRADE LEVEL	CREDIT AMOUNT	KIND
3026010	HOPE		9	1.0	PE
3026020	AICE Sports & Physical Education		9 – 12	1.0	PE
1503350	Team Sports I		10 – 12	0.5	PE
1503360	Team Sports II	Team Sports I	10 – 12	0.5	PE
1501340	Weight Training I		10 – 12	0.5	PE
1501350	Weight Training II	Weight Training I	10 – 12	0.5	PE
1501360	Weight Training III	Weight Training II	10 – 12	0.5	PE

1501410	Power Weight Training I		10 – 12	0.5	PE
1503310	Basketball		10 – 12	0.5	PE
1503320	Soccer		10 – 12	0.5	PE
1502410	Individual & Dual Sports I		10 – 12	0.5	PE
1502420	Individual & Dual Sports II	Individual & Dual Sports I	10 – 12	0.5	PE
1504500	Tennis I		10 – 12	0.5	PE
1504510	Tennis II	Tennis I	10 – 12	0.5	PE
1505500	Volleyball I		10 – 12	0.5	PE
1505510	Volleyball II	Volleyball I	10 – 12	0.5	PE

<b>SCIENCE</b>					
<b>STATE COURSE #</b>	<b>COURSE TITLE</b>	<b>PREREQUISITE</b>	<b>GRADE LEVEL</b>	<b>CREDIT AMOUNT</b>	<b>KIND</b>
2000310	Biology		10 – 12	1.0	SC
2000320	Biology Honors		9 – 12	1.0	SC
2000340	AP Biology	Biology	11 – 12	1.0	SC
2000360	Anatomy & Physiology Honors		11 – 12	1.0	SC
2002480	Forensic Science I	Biology	11 – 12	1.0	SC
2002500	Marine Science		11 – 12	1.0	SC
2002510	Marine Science Honors		10 – 12	1.0	SC
2002515	AICE Marine Science AS Level	Biology	10 – 12	1.0	SC
2002535	AICE Marine Science A Level	AICE Marine Science AS Level	11 – 12	1.0	SC
2003340	Chemistry I	Algebra I	10 – 12	1.0	SC
2003350	Chemistry I Honors		10 – 12	1.0	SC
2003390	Physics I Honors	Algebra II	11 – 12	1.0	SC
2003421	AP Physics I	Geometry / Algebra II	11 – 12	1.0	SC
2001310	Earth Space Science		11 – 12	1.0	SC
2001320	Early Space Science Honors		10 – 12	1.0	SC
2001340	Environmental Science		9	1.0	SC
2001381	AICE Environmental Management	Biology / Chemistry	10 – 12	1.0	SC

<b>SOCIAL STUDIES</b>					
<b>STATE COURSE #</b>	<b>COURSE TITLE</b>	<b>PREREQUISITE</b>	<b>GRADE LEVEL</b>	<b>CREDIT AMOUNT</b>	<b>KIND</b>
2103410	AICE Geography		10 – 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
2102335	Economics with Financial Literacy		12	0.5	EC
2102345	Economics with Fin. Lit. Honors		12	0.5	EC
2106310	United States Government		12	0.5	AG
2106320	United States Government Honors		12	0.5	AG
2100335	African American History		9 – 12	0.5	EL
2100336	African American History Honors		9 – 12	0.5	EL

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

[FLVS Flex Course List | Online Courses for Grades K-12](http://www.flvs.net/flex/courses) (www.flvs.net/flex/courses)

### 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  
Algebra II and Honors  
Geometry and Honors  
Liberal Arts Math I  
Math for College Readiness

### 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)

### 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)

### 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)

# COURSE DESCRIPTIONS



ST. LUCIE WEST CENTENNIAL  
EAGLES

# 2023 – 2024

## ADVANCED INTERNATIONAL CERTIFICATE OF EDUCATION

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### **AICE GENERAL PAPER AS Level**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 1009400

GRADES: 9 – 12

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**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 1009400

GRADES: 10 – 12

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**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 1005370

GRADES: 11 – 12

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**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 1005375

GRADES: 12

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**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 2109371

GRADES: 10 – 12

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**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 2100500

GRADES: 11 – 12

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**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 2103410

GRADES: 10 – 12

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**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 2107360

GRADES: 11 – 12

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**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 2108310

GRADES: 10 – 12

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***

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 1700364

GRADES: 10 – 12

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**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 1700372

GRADES: 11 – 12

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 ART & DESIGN AS Level**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 0101370

GRADES: 10 – 12

PREREQUISITE: 2-D Art

Cambridge International AS & A level Art and Design encourages learners to explore a range of processes and techniques appropriate to their chosen area of study. The four areas of study are Fine Art, Graphic Communication, Three-dimensional Design, and textiles and fashion.

### **AICE MEDIA STUDIES AS Level**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 1100460

GRADES: 9 – 12

PREREQUISITE: Must be accepted into the AICE Program

This course offers learners the chance to develop an understanding and appreciation of the place of media in our everyday lives. Learners will take a hands-on approach to the subject by creating their own media products from planning through to execution. Learners also consider and analyse examples from existing media, examining production processes and technologies and the effects they achieve. Media areas: film, music, print, radio and podcasts, video games.

### **AICE DIGITAL MEDIA & DESIGN AS Level**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 0108400

GRADES: 9 – 12

PREREQUISITE: Must be accepted into the AICE Program

This course is for candidates who want to explore a range of processes and techniques in digital media. It is grouped into three broad areas of study: digital photography, moving image (ex. cinema & animation), mobile and multimedia applications (ex. apps & video games) which candidates will understand the different styles, genres and techniques of them and how they relate to social, cultural, geographical or historical contexts.

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

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 2002515

GRADES: 11 – 12

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**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 2002535

GRADES: 11 – 12

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**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 2001381

GRADES: 10 – 12

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**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 0708538

GRADES: 10 – 12

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.

## **AICE SPORTS & PHYSICAL EDUCATION**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 3026020

GRADES: 9 – 12

PREREQUISITE: Must be accepted into the AICE Program

The Cambridge International Physical Education course is both practical and theoretical. Students learn about anatomy and physiology, movement skills and contemporary studies at Cambridge International Level. This provides a firm foundation for the further advanced study of exercise, physiology, psychology of sport performance and the study of the Olympic Games from a global perspective.

# ALLIED HEALTH

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## **HEALTH SCIENCE ANATOMY AND PHYSIOLOGY**

CREDIT: 1.0  
LENGTH: Year  
COURSE NUMBER: 8417100  
GRADES: 10 – 11

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**

CREDIT: 1.0  
LENGTH: Year  
COURSE NUMBER: 8417110  
GRADES: 11 – 12  
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**

CREDIT: 1.0  
LENGTH: Year  
COURSE NUMBER: 8417131  
GRADES: 11 – 12  
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**

CREDIT: 1.0  
LENGTH: Year  
COURSE NUMBER: 8417211  
GRADES: 12  
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**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 8427130

GRADES: 12

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.

# **ART**

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## **TWO-DIMENSIONAL ART I**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 0101300

GRADES: 9 – 12

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 MOST other Art classes.

## **DRAWING I**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 0104340

GRADES: 10 – 12

PREREQUISITE: 2D Art

Students experiment with the media and techniques used to create a variety of two-dimensional (2-D) artworks through the development of skills in drawing. Students practice, sketch, and manipulate the structural elements of art to improve mark making and/or the organizational principles of design in a composition from observation, research, and/or imagination. This course incorporates hands-on activities and consumption of art materials.

## **DRAWING II**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 0104350

GRADES: 11 – 12

PREQUISITE: Drawing I

Students develop and refine technical skills and create 2-D compositions with a variety of media in drawing. Student artists sketch, manipulate, and refine 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.

## **CERAMICS/POTTERY I**

CREDIT: 1.0  
LENGTH: Year  
COURSE NUMBER: 0102300  
GRADES: 10 – 12  
PREREQUISITE: 2-D Art

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.

## **CERAMICS/POTTERY II**

CREDIT: 1.0  
LENGTH: Year  
COURSE NUMBER: 0102310  
GRADES: 11 – 12  
PREREQUISITE: Ceramics I

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**

CREDIT: 1.0  
LENGTH: Year  
COURSE NUMBER: 0108310  
GRADES: 10 – 12  
PREREQUISITE: 2-D Art 1

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.

## **CREATIVE PHOTOGRAPHY II**

CREDIT: 1.0  
LENGTH: Year  
COURSE NUMBER: 0108320  
GRADES: 11 – 12  
PREREQUISITE: Photo I

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**

CREDIT: 1.0  
LENGTH: Year  
COURSE NUMBER: 0109310  
GRADES: 11 – 12  
PREREQUISITE: Drawing I

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

## **PORTFOLIO II**

CREDIT: 1.0  
LENGTH: Year  
COURSE NUMBER: 0109320  
GRADES: 11 – 12  
PREREQUISITE: Portfolio I

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

## **SCULPTURE I**

CREDIT: 1.0  
LENGTH: Year  
COURSE NUMBER: 0111310  
GRADES: 10 – 12  
PREREQUISITE: 2D Art or Ceramics I

Students explore how space, mass, balance, and form combine to create aesthetic forms or utilitarian products and structures. Media may include, but are not limited to, clay, wood, plaster, and paper maché with consideration of the workability, durability, cost, and toxicity of the media used. Student artists consider the relationship of scale (i.e., hand-held, human, monumental) through the use of positive and negative space or voids, volume, visual weight, and gravity to create low/high relief or freestanding structures for personal intentions or public places. This course incorporates hands-on activities and consumption of art materials.

# **BAND AND MUSIC**

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## **MUSIC THEORY I**

CREDIT: 1.0  
LENGTH: Year  
COURSE NUMBER: 1300300  
GRADES: 9 – 12

Students learn how music is constructed and developed, and acquire a basic understanding of the structural, technical, and historical elements of music. Student theorists develop basic ear-training, keyboard, and functional singing skills, and engage in the creative process through individual and collaborative projects. Public performances may serve as a resource for specific instructional goals. Students may be required to attend one or more performances outside the school day to support, extend, and assess learning in the classroom.

## **KEYBOARDING I**

CREDIT: 1.0  
LENGTH: Year  
COURSE NUMBER: 1301360  
GRADES: 9 – 12

Students build fundamental piano techniques while learning to read music, acquire and apply knowledge of basic music theory, and explore the role of keyboard music in history and culture. Beginning pianists develop skills in analytical listening and explore musical creativity in the form of basic improvisation and basic composition. 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.

## **CHORUS I**

CREDIT: 1.0  
LENGTH: Year  
COURSE NUMBER: 1303300  
GRADES: 9 – 12

This year-long, entry-level class, designed for students with little or no choral experience, promotes the enjoyment and appreciation of music through performance of beginning choral repertoire from a variety of times and places. Rehearsals focus on the development of critical listening skills; foundational instrumental technique and skills, music literacy, and ensemble skills; and aesthetic musical awareness culminating in periodic public performances.

## **CONCERT BAND**

CREDIT: 1.0  
LENGTH: Year  
COURSE NUMBER:  
Band III 1302320  
Band IV 1302330  
Band V 1302340  
Band VI 1302350  
GRADES: 9 – 12  
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.**

## **SYMPHONIC WIND ENSEMBLE**

CREDIT: 1.0  
LENGTH: Year  
COURSE NUMBER:  
Band III 1302320XS  
Band IV 1302330XS  
Band V 1302340XS  
Band VI 1302350XS  
GRADES: 9 – 12  
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.

## **INSTRUMENTAL TECHNIQUE (PERCUSSIONISTS)**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER:

Inst Tech I 1302420

Inst Tech II 1302430

Inst Tech III 1302440

Inst Tech IV Hon 1302450

GRADES: 9 – 12

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.

## **EURHYTHMICS (Color Guard/Flags)**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER:

Eurhythmics I 1305300

Eurhythmics II 1305310

Eurhythmics III 1305320

Eurhythmics IV 1305330

GRADES: 9 – 12

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.**

## **JAZZ BAND**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER:

Jazz Ensemble I 1302500

Jazz Ensemble II 1302510

Jazz Ensemble III 1302520

Jazz Ens IV Hon 1302530

GRADES: 9 – 12

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.**

## **VOCAL ENSEMBLE I**

CREDIT: 1.0  
LENGTH: Year  
COURSE NUMBER: 1303440  
GRADES: 9 – 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.

## **VOCAL ENSEMBLE II**

CREDIT: 1.0  
LENGTH: Year  
COURSE NUMBER: 1303450  
GRADES: 10 – 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.

## **VOCAL ENSEMBLE III**

CREDIT: 1.0  
LENGTH: Year  
COURSE NUMBER: 1303460  
GRADES: 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

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## **EMERGING TECHNOLOGY IN BUSINESS**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 8207010

GRADES: 12

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**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 8207310

GRADES: 9 – 12

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, and gain the knowledge of creating a social media campaign as well as analyzing and presenting data to address organizational issues and make appropriate business decisions.

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

## **GAME AND SIMULATION FOUNDATIONS I**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 8208110

GRADES: 10 – 12

PREREQUISITE: Digital Information Technology

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.

## **GAME AND SIMULATION DESIGN II**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 8208120

GRADES: 11 – 12

PREREQUISITE: Game & Simulation Foundations

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.

## **GAME AND SIMULATION 2D GRAPHICS III**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 8208130

GRADES: 12

PREREQUISITE: Game & Simulation Design

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.

## **GAME AND SIMULATION 3D GRAPHICS IV**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 8208140

GRADES: 12

PREREQUISITE: Game & Simulation 2D Graphic

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.

## **DIGITAL DESIGN I**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 8209510

GRADES: 10 – 12

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**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 8209520

GRADES: 11 – 12

PREREQUISITE: Digital Design I

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.

## **DIGITAL DESIGN III**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 8209530

GRADES: 12

PREREQUISITE: Digital Design II

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**

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## **CRIMINAL JUSTICE OPERATIONS I**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 8918010

GRADES: 10 – 12

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 II**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 8918020

GRADES: 11 – 12

PREREQUISITE: Criminal Justice Operations I

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 III**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 8918030

GRADES: 11 – 12

PREREQUISTE: Criminal Justice Operations II

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.

### **CERTIFIED LEGAL ASSISTANT**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 8918060

GRADES: 12

PREREQUISTE: Criminal Justice Operations III

This course prepares the student for a career as an Accredited Legal Professional (ALP). The curriculum covers comprehension and communication of legal knowledge skills, develop awareness of the ALS certification requirements, rules and guidelines and how to develop communication skills in technical reading and writing of legal documents. The student will learn about the legal office functions and responsibilities, and knowledge of legal operating systems.

## **CULINARY ARTS**

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### **CULINARY ARTS I**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 8800510

GRADES: 9 – 11

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**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER:

Culinary Arts II                    8800520                    1<sup>st</sup> Semester

Culinary Arts III                    8800530                    2<sup>nd</sup> Semester

GRADES: 10 – 12

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 IV/HOSPITALITY & TOURISM DIRECTED STUDY BLOCK**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER:

Culinary Arts IV                    8800540                    1<sup>st</sup> Semester

Hosp & Tour Direct Study        8801000                    2<sup>nd</sup> Semester

GRADES: 11 – 12

PREREQUISITE: Culinary Arts II/III

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

# **DIGITAL VIDEO TECHNOLOGY**

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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 II/III BLOCK**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER:

Digital Video Technology II        8201420                    1<sup>st</sup> Semester

Digital Video Technology III        8201430                    2<sup>nd</sup> Semester

GRADES: 10 – 12

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 IV/V BLOCK**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER:

Digital Video Technology IV 8201440 1<sup>st</sup> Semester

Digital Video Production V 8201450 2<sup>nd</sup> Semester

GRADES: 11 – 12

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.

## **DRAMA**

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### **THEATRE I**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 0400310

GRADES: 9 – 12

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.

### **THEATRE IMPROVISATION**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 0400620

GRADES: 9 – 12

Students learn to communicate effectively, both verbally and non-verbally; develop and build critical listening and collaborative skills and think and solve problems quickly and appropriately on the spot. Through collaboration, communication, and performance activities, students engage in improvisation as a stand-alone art form and as an acting methodology. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

### **ACTING I**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 0400370

GRADES: 9 – 12

PREREQUISITE: Audition/Director Approval for Acting I

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.**

## **ACTING II**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 0400380

GRADES: 10 – 12

PREREQUISTE: Acting I & Director Approval

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.**

## **ACTING III**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 0400390

GRADES: 11 – 12

PREREQUISTE: Acting II & Director Approval

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.**

## **ACTING IV**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 0400400

GRADES: 12

PREREQUISTE: Acting III & Director Approval

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**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 0400700

GRADES: 9 – 12

PREREQUISTE: Audition/Director's Approval

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.

## **MUSICAL THEATRE II**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 0400710

GRADES: 10 – 12

PREREQUISTE: Musical Theatre I

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.

## **MUSICAL THEATRE III**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 0400720

GRADES: 11 – 12

PREREQUISTE: Musical Theatre II

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**

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## **STUDENT SUCCESS**

CREDIT: 0.5

LENGTH: Semester

COURSE NUMBER: SLS1101

GRADES: 9

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**

CREDIT: 0.5

LENGTH: Semester

COURSE NUMBER: MAT1033

GRADES: 11 – 12

PREREQUISTE: 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**

CREDIT: 1.0

LENGTH: Semester

COURSE NUMBER: MAC1105

GRADES: 11 – 12

PREREQUISTE: 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**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: MAC1140

GRADES: 12

PREREQUISTE: 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**

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## **EARLY CHILDHOOD I**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 8405110

GRADES: 9 – 12

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**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 8405120

GRADES: 10 – 12

PREREQUISTE: 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**

CREDIT: 1.0

LENGTH: Semester

COURSE NUMBER:

Early Childhood III 8405130 1<sup>st</sup> Semester

Early Childhood IV 8405140 2<sup>nd</sup> Semester

GRADES: 11 – 12

PREREQUISTE: 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.

## **PRINCIPLES OF TEACHING**

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### **INTRODUCTION TO THE TEACHING PROFESSION**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 8909010

GRADES: 9 – 10

This course is designed to focus on the profession of teaching and related careers – history, purposes, issues, ethics, laws and regulations, roles, and qualifications. Emphasis is placed on identifying the current, historical, philosophical and social perspectives of American education, including trends and issues. During the course students will participate in guided observations and field experiences in multiple settings to help them assess their personal interest in pursuing careers in this field and to identify effective learning environments. Students will begin the development of a working portfolio to be assembled upon completion of the program. The course is also designed for students to learn about leadership and skill opportunities afforded through participation in CTSO activities.

# FOREIGN LANGUAGES

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## **SPANISH I**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 0708340

GRADES: 9 – 12

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**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 0708350

GRADES: 9 – 12

PREREQUISITE: Spanish I

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/II BLOCK**

**Intensive instruction - class meets every day and will result in 2 credits at the end of the year) Instructor/administrative approval.**

CREDIT: 1.0

LENGTH: Semester

COURSE NUMBER:

Spanish I                    0708340                    1<sup>st</sup> Semester

Spanish II                    0708350                    2<sup>nd</sup> Semester

GRADES: 9 – 12

**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 III HONORS**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 0708360

GRADES: 10 – 12

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**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 0701320

GRADES: 9 – 12

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**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 0701330

GRADES: 10 – 12

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.

# **LEADERSHIP TECHNIQUES**

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## **LEADERSHIP TECHNIQUES (FRESHMEN SEMINAR)**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 2400310

GRADES: 9

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

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## **PSYCHOLOGY I**

CREDIT: 0.5  
LENGTH: Semester  
COURSE NUMBER: 2107300  
GRADES: 9 – 12

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.

## **PSYCHOLOGY II**

CREDIT: 0.5  
LENGTH: Semester  
COURSE NUMBER: 2107310  
GRADES: 9 – 12  
PREREQUISITE: Psychology I

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**

CREDIT: 0.5  
LENGTH: Semester  
COURSE NUMBER: 2108300  
GRADES: 9 – 12

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

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## **INTENSIVE READING I**

CREDIT: 1.0  
LENGTH: Year  
COURSE NUMBER: 1000412  
GRADES: 9  
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.  
9 – 10: prepares students for Statewide Reading Assessments

## **INTENSIVE READING II**

CREDIT: 1.0  
LENGTH: Year  
COURSE NUMBER: 1000414  
GRADES: 10  
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.  
9 – 10: prepares students for Statewide Reading Assessments

## **INTENSIVE READING III**

CREDIT: 1.0  
LENGTH: Year  
COURSE NUMBER: 1000416  
GRADES: 11  
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.  
11 – 12: prepares students for SAT and ACT Assessments.

## **INTENSIVE READING IV**

CREDIT: 1.0  
LENGTH: Year  
COURSE NUMBER: 1000418  
GRADES: 12  
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.  
11 – 12: prepares students for SAT and ACT Assessments.

# LANGUAGE ARTS

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## **ENGLISH I and ENGLISH I HONORS**

CREDIT: 1.0  
LENGTH: Year  
COURSE NUMBER:  
English I 1001310  
English I Honors 1001320  
GRADES: 9

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**

CREDIT: 1.0  
LENGTH: Year  
COURSE NUMBER:  
English II 1001340  
English II Honors 1001350  
GRADES: 10  
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**

CREDIT: 1.0  
LENGTH: Year  
COURSE NUMBER:  
English III 1001370  
English III Honors 1001380  
GRADES: 11  
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**

CREDIT: 1.0  
LENGTH: Year  
COURSE NUMBER:  
English IV College Prep 1001405  
English IV Honors 1001410  
GRADES: 12  
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.

### **SPEECH I**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 1007300

GRADES: 9 – 12

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.

### **DEBATE I**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 1007330

GRADES: 9 – 12

This course is focused on the use of correct and effective language and organizational skills in preparing, delivering, and evaluating argument and debate. Students will critique debates, paying attention to content, organization, language, and delivery style, and produce and present well-structured, developed arguments, applying oral communication concepts and strategies for public debate in a variety of given settings.

### **CREATIVE WRITING I**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 1009320

GRADES: 9 – 12

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 II**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 1009330

GRADES: 9 – 12

PREREQUISITE: Creative Writing I

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



## **SOCIAL MEDIA I**

CREDIT: 0.5

LENGTH: Semester

COURSE NUMBER: 1006375

GRADES: 9 – 12

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 SKILLS DEVELOPMENT**

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## **LEADERSHIP SKILLS DEVELOPMENT**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 2400300

GRADES: 10 – 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.

## **PCSD II (LEADERSHIP SKILLS DEVELOPMENT II)**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 0500510

GRADES: 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.

### **PCSD III (LEADERSHIP SKILLS DEVELOPMENT III)**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 0500520

GRADES: 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**

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### **PCSD IV (MEDIA SERVICES)**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 0500530

GRADES: 11 – 12

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**

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### **ALGEBRA I and ALGEBRA I HONORS**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER:

Algebra I 1200310

Algebra I Honors 1200320

GRADES: 9

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.

## **GEOMETRY and GEOMETRY HONORS**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER:

Geometry 1206310

Geometry Honors 1206320

GRADES: 9 – 10

PREREQUISITE: Algebra I

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.

## **MATH FOR COLLEGE LIB ARTS**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 1207350

GRADES: 9 – 12

PREREQUISITE: Algebra 1/Geometry I/Counselor Placement

In Mathematics for College Liberal Arts, instructional time will emphasize five areas: (1) analyzing and applying linear and exponential functions within a real-world context; (2) utilizing geometric concepts to solve real-world problems; (3) extending understanding of probability theory; (4) representing and interpreting univariate and bivariate data and (5) developing understanding of logic and set theory.

## **MATH FOR DATA AND FINANCIAL LITERACY and MATH FOR DATA AND FINANCIAL LITERACY HONORS**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER:

Math for Data and Financial Literacy 1200387

Math for Data and Financial Literacy Honors 1200388

GRADES: 9 – 12

PREREQUISITE: Algebra 1/Geometry I/Counselor Placement

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

## **ALGEBRA II and ALGEBRA II HONORS**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER:

Algebra II 1200330

Algebra II Honors 1200340

GRADES: 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.

## **MATH FOR COLLEGE ALGEBRA**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 1200700

GRADES: 10 – 12

PREREQUISITE: Algebra 1/Geometry I/Counselor Placement

In Mathematics for College Algebra, instructional time will emphasize five areas: (1) developing fluency with the Laws of Exponents with numerical and algebraic expressions;(2) extending arithmetic operations with algebraic expressions to include rational and polynomial expressions;(3)solving one-variable exponential, logarithmic, radical and rational equations and interpreting the viability of solutions in real-world contexts;(4) modeling with and applying linear, quadratic, absolute value, exponential, logarithmic and piecewise functions and systems of linear equations and inequalities;(5)extending knowledge of functions to include inverse and composition

## **PRE-CALCULUS HONORS**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 1202340

GRADES: 10 – 12

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 HONORS**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 1210300

GRADES: 11 – 12

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.**

## **ADVANCED PLACEMENT PRECALCULUS**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER:

GRADES: 10 – 12

PREREQUISITE: Algebra II; Instructor/Administrator Approval

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 AB**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 1202310

GRADES: 11 – 12

PREREQUISITE: Pre-calculus; 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**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 1202320

GRADES: 12

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.

## **MATH ELECTIVE – does not count as a math credit**

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### **MATH FOR ACT / SAT**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 1209315

GRADES: 11 – 12

PREREQUISITE: Counselor Placement

This course is designed as an elective to provide necessary skills for ACT and SAT assessments.

# NAVY JROTC

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## NAVY JROTC

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER:

Naval Science I 1802300

Naval Science II 1802310

Naval Science III 1802320

Naval Science IV 1802330

GRADES: 9 – 12

PREREQUISITE: Must complete the previous level prior to enrolling in the next level; only one NJROTC class may be taken at a time. \*Afterschool participation required

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.

# OUTBOARD MARINE SERVICE

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## OUTBOARD MARINE SERVICE I

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 9504210

GRADES: 9 – 12

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 II

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 9504220

GRADES: 10 – 12

PREREQUISITE: Outboard Marine Service I

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 III/IV BLOCK**

CREDIT: 1.0

LENGTH: Semester

COURSE NUMBER:

Outboard Marine Service III 9504230 1<sup>st</sup> Semester

Outboard Marine Service IV 9504240 2<sup>nd</sup> Semester

GRADES: 11 – 12

PREREQUISTE: 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.

# **PHYSICAL EDUCATION**

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## **WEIGHT TRAINING I, II, III**

CREDIT: 0.5

LENGTH: Semester

COURSE NUMBER:

Weight Training I 1501340

Weight Training II 1501350

Weight Training III 1501360

GRADES: 10 – 12

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.

## **TEAM SPORTS I, II**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER:

Team Sports I 1503350

Team Sports II 1500360

GRADES: 10 – 12

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 I, II**

CREDIT: 0.5

LENGTH: Semester

COURSE NUMBER:

Volleyball I 1505500

Volleyball II 1505510

GRADES: 10 – 12

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.

## **SOCCER**

CREDIT: 0.5

LENGTH: Semester

COURSE NUMBER: 1503320

GRADES: 10 – 12

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**

CREDIT: 0.5

LENGTH: Semester

COURSE NUMBER: 1503310

GRADES: 10 – 12

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 I, II**

CREDIT: 0.5

LENGTH: Semester

COURSE NUMBER:

Tennis I 1504500

Tennis II 1504510

GRADES: 9 – 12

The purpose of this course is to enable students to develop knowledge and skills in tennis and to maintain or improve health-related fitness.

## **INDIVIDUAL AND DUAL SPORTS I, II**

CREDIT: 0.5

LENGTH: Semester

COURSE NUMBER:

Individual and Dual Sports I 1502410

Individual and Dual Sports II 1502420

GRADES: 10 – 12



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.

## **HOPE**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 3026010

GRADES: 9 – 12

\*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

# **SCIENCE**

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## **FORENSIC SCIENCE I**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 2002480

GRADES: 11 – 12

PREREQUISITES: Biology

Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. The National Science Teachers Association (NSTA) recommends that at the high school level, all students should be in the science lab or field, collecting data every week. School laboratory investigations (labs) are defined by the National Research Council (NRC) as an experience in the laboratory, classroom, or the field that provides students with opportunities to interact directly with natural phenomena or with data collected by others using tools, materials, data collection techniques, and models (NRC, 2006, p. 3). Laboratory investigations in the high school classroom should help all students develop a growing understanding of the complexity and ambiguity of empirical work, as well as the skills to calibrate and troubleshoot equipment used to make observations. Learners should understand measurement error; and have the skills to aggregate, interpret, and present the resulting data (National Research Council, 2006, p.77; NSTA, 2007).

## **BIOLOGY I and BIOLOGY I HONORS**

CREDIT: 1.0  
LENGTH: Year  
COURSE NUMBER:  
Biology 2000310  
Biology Honors 200320  
GRADES: 9 – 12 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**

CREDIT: 1.0  
LENGTH: Year  
COURSE NUMBER: 2000340  
GRADES: 11 – 12  
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**

CREDIT: 1.0  
LENGTH: Year  
COURSE NUMBER:  
Chemistry I 2003340  
Chemistry I Honors 2003350  
GRADES: 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**

CREDIT: 1.0  
LENGTH: Year  
COURSE NUMBER: 2003390  
GRADES: 11 – 12  
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 I**

CREDIT: 1.0  
LENGTH: Year  
COURSE NUMBER: 2003421  
GRADES: 11 – 12  
PREREQUISITE: Geometry/Algebra II concurrently

**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.

### **ENVIRONMENTAL SCIENCE**

CREDIT: 1.0  
LENGTH: Year  
COURSE NUMBER: 2001340  
GRADES: 9

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**

CREDIT: 1.0  
LENGTH: Year  
COURSE NUMBER: 2000360  
GRADES: 11 – 12

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 HONORS**

CREDIT: 1.0  
LENGTH: Year  
COURSE NUMBER:  
Marine Science 2002500  
Marine Science Honors 2002510  
GRADES: 11 – 12  
10 – 12 Honors

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**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER:

Earth Space Science 2001310

Earth Space Science Honors 2001320

GRADES: 11 – 12

10 – 12 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.

## **SOCIAL STUDIES**

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### **WORLD HISTORY and WORLD HISTORY HONORS**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER: 2109310

World History 2109310

World History Honors 2109320

GRADES: 10 – 12

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.

### **US HISTORY and US HISTORY HONORS**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER:

US History 2100310

US History Honors 2100310

GRADES: 11 – 12

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**

CREDIT: 0.5

LENGTH: Semester

COURSE NUMBER:

Economics with Financial Literacy 2102335

Economics with Financial Literacy Honors 2102345

GRADES: 12

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**

CREDIT: 0.5

LENGTH: Semester

COURSE NUMBER:

US Government 2106310

US Government Honors 2106320

GRADES: 12

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.

### **AFRICAN-AMERICAN HISTORY and AFRICAN-AMERICAN HISTORY HONORS**

CREDIT: 1.0

LENGTH: Year

COURSE NUMBER:

African American History 2100335

African American History Honors 2100336

GRADES: 9 – 12

This course consists of the following content area strands: World History, United States History, Geography, Humanities, Civics and Government. The primary content emphasis for this course pertains to the study of the chronological development of African-Americans by examining the political, economic, social, religious, military and cultural events that affected the cultural group. Content will include, but is not limited to, West African heritage, the Middle Passage and Triangular Trade, the African Diaspora, significant turning points and trends in the development of African-American culture and institutions, enslavement and emancipation, the Abolition, Black Nationalist, and Civil Rights movements, major historical figures and events in African-American history, and contemporary African-American affairs.

## **PERSONAL FINANCIAL LITERACY**

CREDIT: 0.5

LENGTH: Semester

COURSE NUMBER: 2102372

GRADES: 9 – 12

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.