

Creekside High School

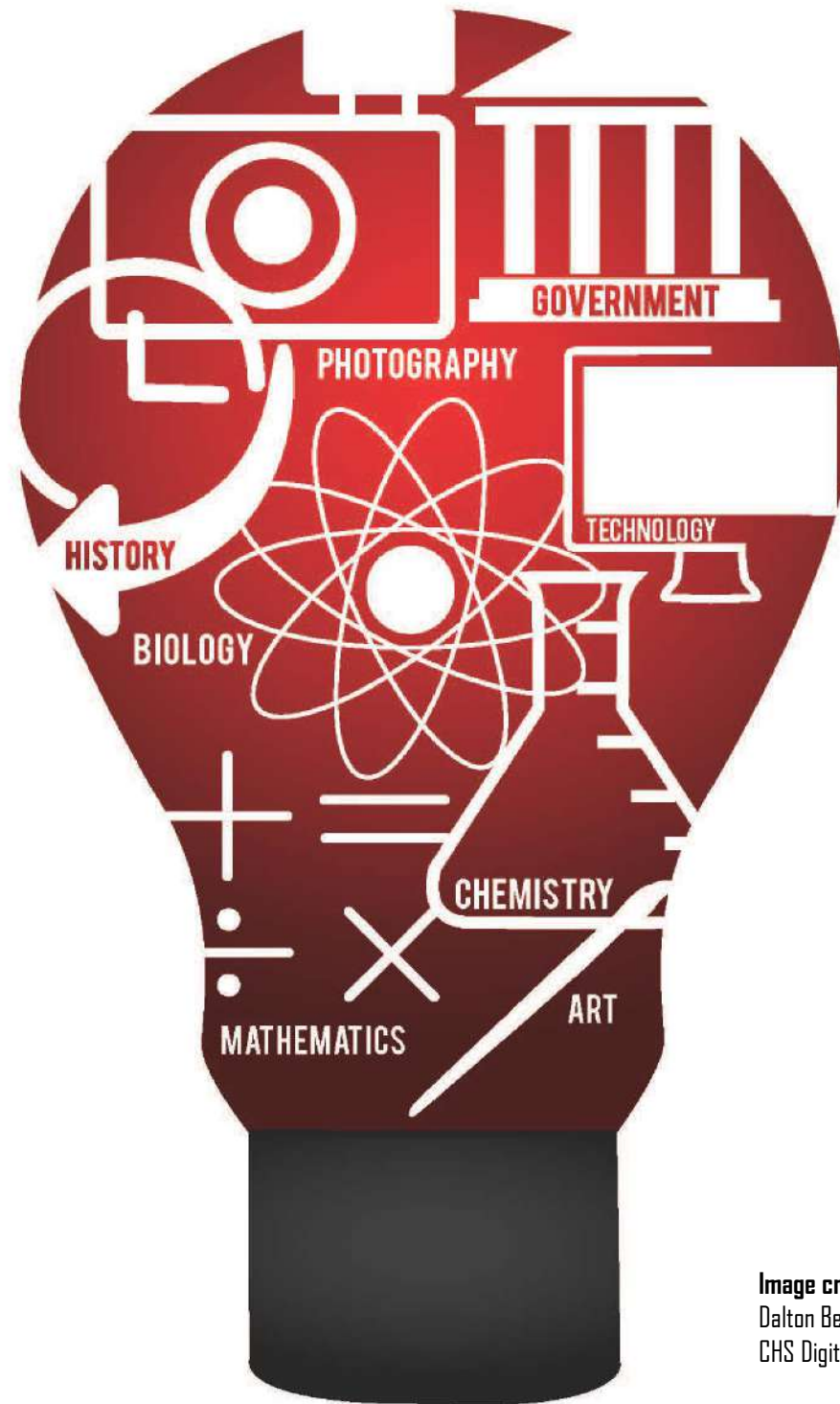


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Dalton Bell, 10th grade
CHS Digital Media 2

Course Catalog 2019-2020

100 Knights Lane, Saint Johns, FL, 32259 | 904-547-7300 | <https://www-chs.stjohns.k12.fl.us/>

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ST. JOHNS COUNTY SCHOOL DISTRICT
MASTER CALENDAR
 2019-2020 School Year
 Board Approved December 12, 2017

Friday	August 2, 2019	Optional Teacher Planning Day
Monday-Friday	August 5, 7, 8, 9, 2019	Teacher Pre-Planning
Tuesday	August 6, 2019	Teacher Inservice Day
Monday	August 12, 2019	Students Report to Class
Monday	September 2, 2019	Labor Day- Student/Teacher Holiday ✓
Friday	October 11, 2019	First Quarter Ends
Monday	October 14, 2019	Teacher Planning Day - Student Holiday
Monday	November 11, 2019	Veteran's Day - Student/Teacher Holiday ✓
Wednesday - Friday	November 27-29, 2019	Thanksgiving Break - Student/Teacher Holiday (22)✓
Friday	December 20, 2019	Second Quarter/First Semester Ends *
Monday - Friday	Dec. 23, 2019-Jan. 3, 2020	Winter Break - Student/Teacher Holiday
Friday	January 3, 2020	Teacher Planning Day-Student Holiday ✓
Monday	January 6, 2020	Classes Resume for Students/Second Semester Begins
Monday	January 20, 2020	Martin Luther King Day - Student/Teacher Holiday ✓
Friday	January 31, 2020	Teacher Inservice Day - Student Holiday ✓
Monday	February 17, 2020	Presidents Day - Student/Teacher Holiday ✓
	TBA	FSA Writing (Grades 4-10)
Thursday	March 12, 2020	Third Quarter Ends
Friday	March 13, 2020	Teacher Planning Day-Student Holiday
Monday-Friday	March 16-20, 2020	Spring Break - Student/Teacher Holiday
Monday	March 23, 2020	Classes Resume for Students
Friday, Monday	April 10 & 13, 2020	Holiday - Student/Teacher Holiday
	April, May, 2020	FSA Testing (Reading, Math & Science)
	April, May, 2020	EOCs, AP, IB, District Exams
Wednesday	May 27, 2020	Last Day for Students*Fourth Quarter Ends
Thursday	May 28, 2020	Last Day for Teachers - Teacher Planning Day
	May - TBA	Graduations (Schools/Locations TBD)

*ALL Schools will be dismissed **1 hour** early on Dec 20, 2019 and May 27, 2020

All Schools participate in a weekly early release on Wednesday: Elementary @1:50, Middle @1:00, High @ 2:45

Interims Issued: September 10, 2019	Report Cards: October 29, 2019
Interims Issued: November 15, 2019	Report Cards: January 17, 2020
Interims Issued: February 6, 2020	Report Cards: March 31, 2020
Interims Issued: April 21, 2020	Report Cards: May 27, 2020 - * Elementary only

✓ Denotes hurricane make-up days

Optional planning day may "Flex" for any Planning Day or Post Planning day as pre-approved by Principal

CHARACTER COUNTS! In St. Johns County

Pillars of the Month

August - All Pillars October - Responsibility December - All Pillars February - Caring April - All Pillars
 September - Fairness November - Citizenship January - Respect March - Trustworthiness May - Citizenship

(Emphasis on Patriotism)





School Profile



Community

St. Johns County is bordered by the Atlantic Ocean on the east, the picturesque St. Johns River on the west, metropolitan Jacksonville on the north and rapidly growing Flagler County on the south. Year round mild temperatures, miles of sandy beaches, the distinction of having America’s Oldest City (St. Augustine), and an internationally recognized sports haven, all add to the allure of the county to both residents and tourists alike. Located in the northwest quadrant of St. Johns County, Creekside High School (CHS) officially opened the doors to its first students on August 22, 2008. Creekside High School has received grade of “A” from the Florida Department of Education.

Mission Statement

The mission of Creekside High School is to provide students with an opportunity to achieve academic, athletic, fine arts and extra-curricular excellence, within a safe and secure learning environment. Creekside High school staff and students will strive to model and support the six pillars of character counts. The six pillars of character are Trustworthiness, Respect, Responsibility, Fairness, Caring, and Citizenship.

Vision Statement

The vision of Creekside High School is to inspire good character and a passion for lifelong learning in all students, creating educated and caring contributors to the world.



Knights Code of Honor

Respect others and yourself at all times.

Show good character every day.

Set goals, stay focused.

Think and act like a leader.

Strive for excellence.

Alma Mater

Mid longleaf pine and palm tree our alma mater stands, and

from her sons and daughters true unity commands. In

knowledge, truth, and wisdom, with love and loyalty, All

hail O' mighty Creekside, we sing to honor thee.

As Knight's we'll bear your colors, your honor we'll defend. And

through the years remember each true and treasured friend. Then

as we journey onward, in each echoed memory, All

hail O' mighty Creekside we'll sing to honor thee.

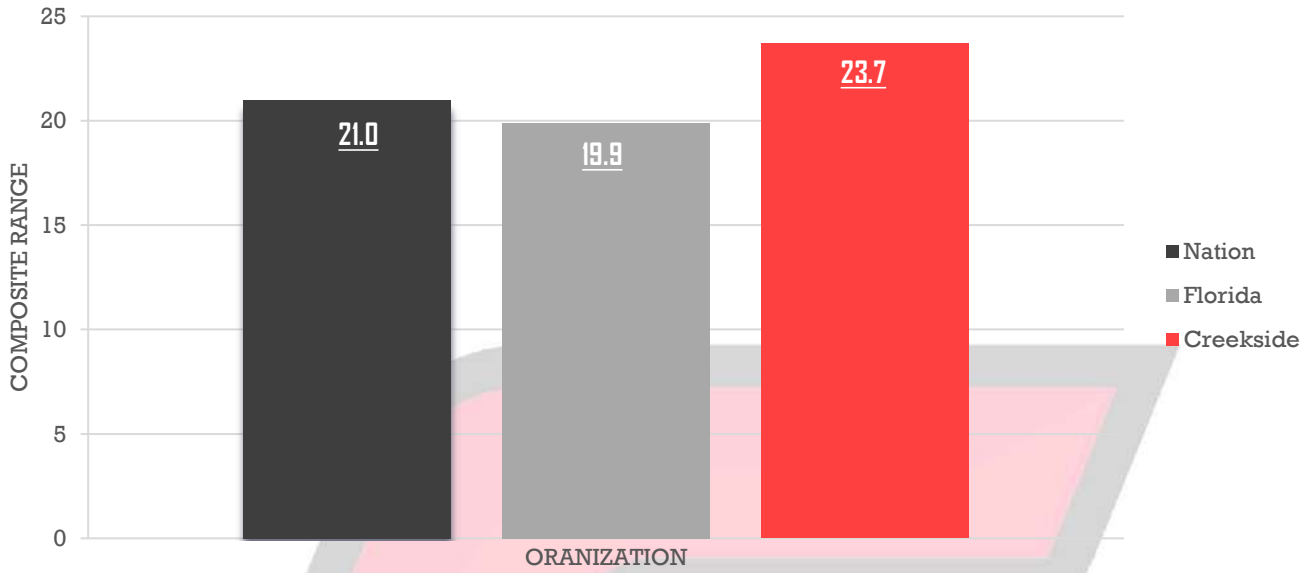
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Grade Scale

Grade	Descriptor	Standard	Honors	DE, AP
A = 90-100	Outstanding Progress	4	4.5	5
B = 80-89	Above Average Progress	3	3.5	4
C = 70-79	Average Progress	2	2.5	3
D = 60-69	Lowest Acceptable Progress	1	1.5	2
F = 59-0	Failure	0	0	0

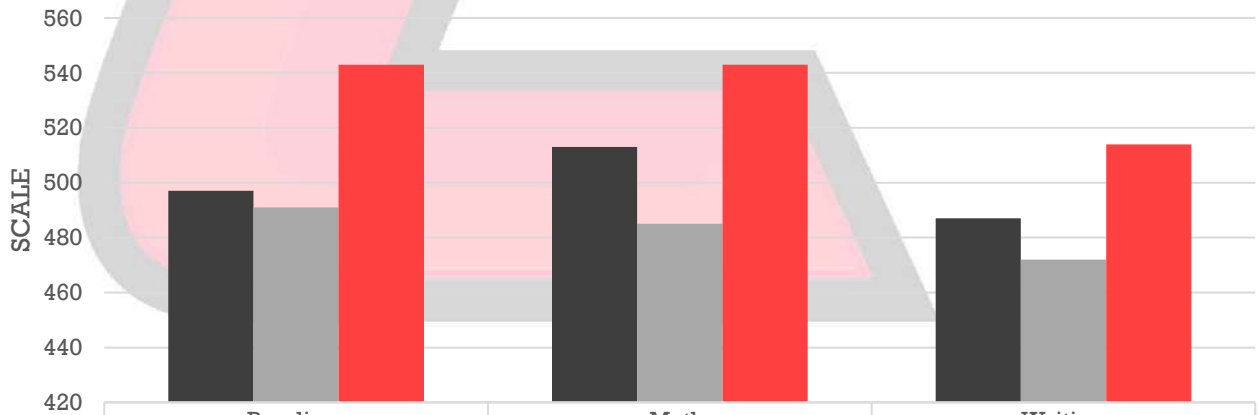
ACT SCORES

NATIONAL TEST SCORES



SAT SCORES

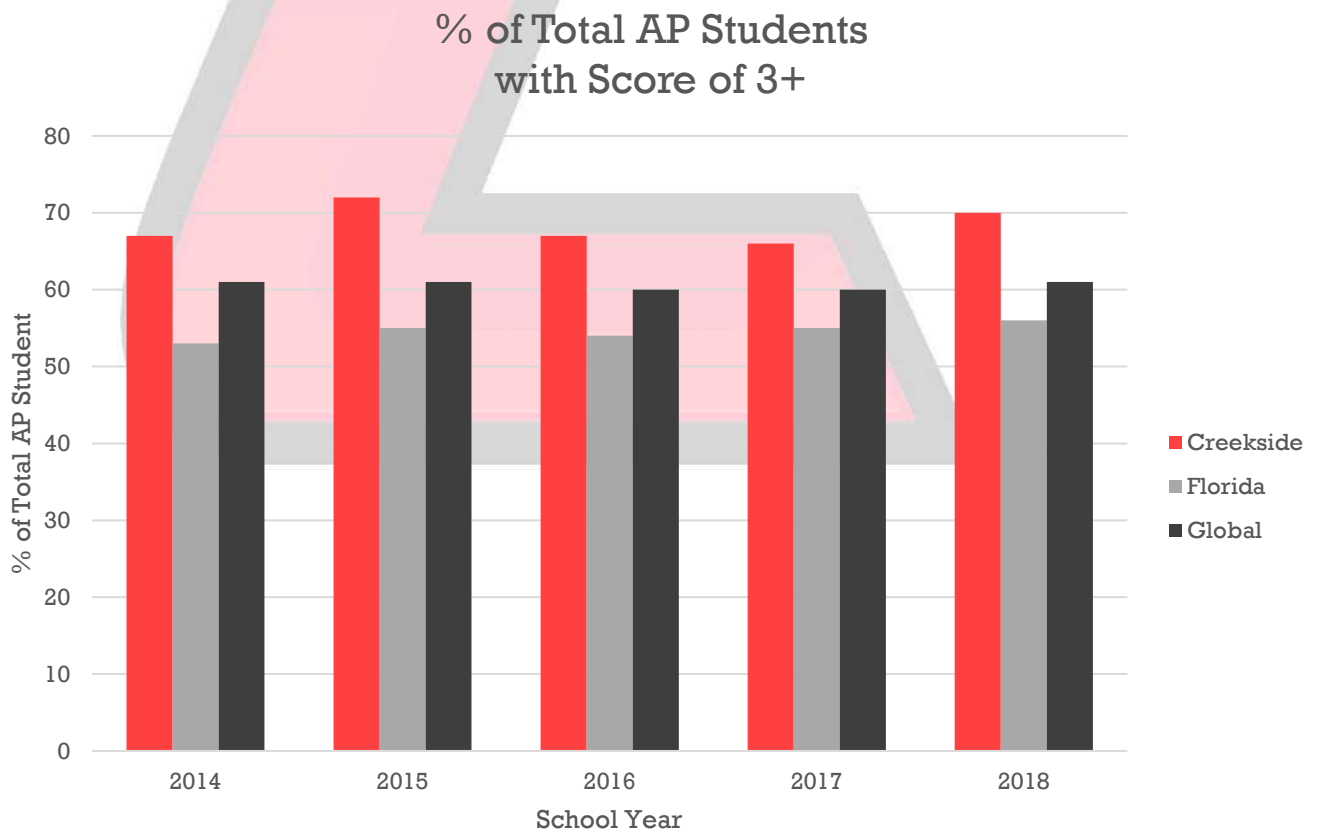
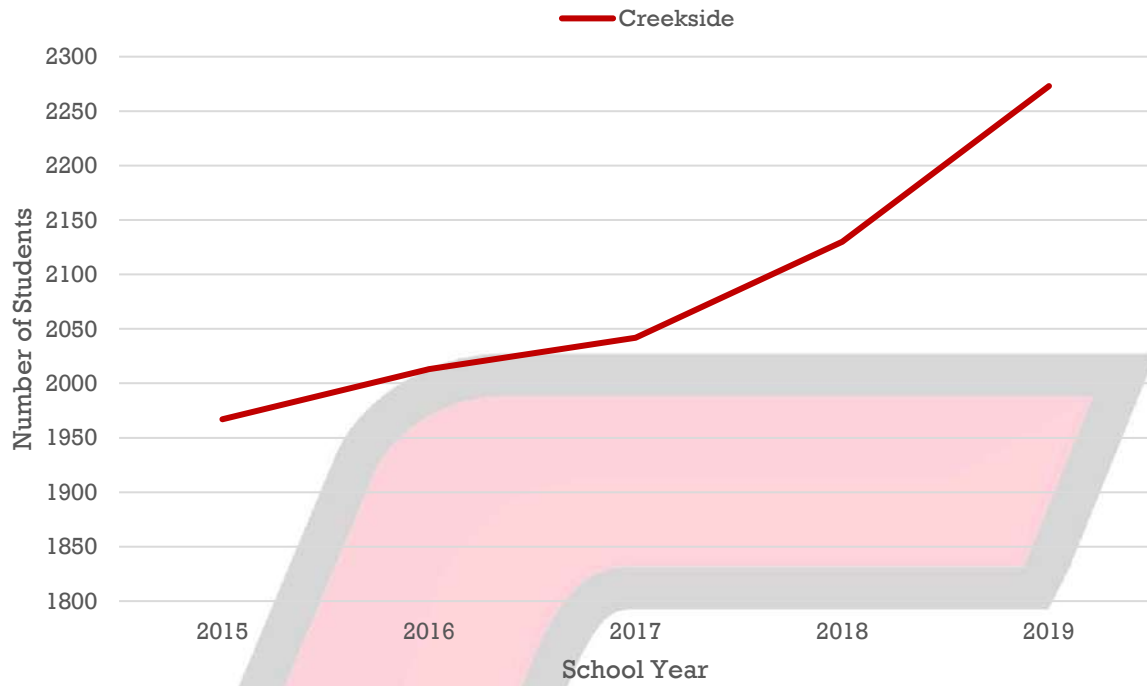
NATIONAL TEST SCORES



	Reading	Math	Writing
■ Nation	497	513	487
■ Florida	491	485	472
■ Creekside	543	543	514

Creekside High School

5 Year Enrollment Trend



SCHEDULING PROCEDURES

Schools will try to schedule all the courses selected by a student; however, the following may affect a student's final schedule:

- **If a course is not requested by a sufficient number of students, that course will not be offered. In this case every attempt will be made to select a course from the "alternate selections" list from the student's course request form.**
- **If two selected courses are only offered at the same time, the student can only be scheduled into one of them. Every attempt will be made to use one of the student's alternate selections to replace the unscheduled course.**
- **If a student chooses a course that has a prerequisite and the student's final grade in the prerequisite course is not adequate, the student's schedule will be adjusted accordingly.**

For these reasons, it is crucial that the student completes the "alternate selections" section of the course request form. Please note that if this section is not completed, the student will be scheduled for available electives.

The scheduling procedure is to fill openings in courses in a descending order with 12th graders scheduled first, 11th graders next, etc. This is done to ensure that students closest to graduation meet their graduation requirements.

Students should discuss and plan their schedule with their parents. Parents should ensure their student's planned schedule reflects the scheduling procedures and courses needed for graduation.

SCHEDULE CHANGE PROCEDURES

Please be aware of the schedule change procedure when course selections and their alternates are made. Schedule change requests must take place **DURING Orientation**. **All requests will be reviewed during the 1st five days of school**. All students who register for a full credit course are expected to remain in the course for both semesters as scheduling is done on a full year basis. **ALL schedule change requests will be denied unless they meet the following criteria:**

- A student is incorrectly scheduled because of inadequate or erroneous information
- Administrative action becomes necessary because of imbalance of class loads, loss of a teaching unit, unique or unforeseen constraints
- An additional course is needed to meet graduation requirements
- A schedule adjustment is required because a student already has received credit in a scheduled class
- Students are enrolled in a course taught by a teacher whose class they had previously failed

St. Johns County School District employs teachers certified by the Florida Department of Education. The school administration will decide the instructor for each course section. Students and parents are expected to abide by the choice of instructor. Course content is consistent in all sections with the same course number and description. **It is very important that you choose your courses carefully. The master schedule is built and teachers are assigned based on course requests. Changes once the school year has started may not be possible.**

GRADE FORGIVENESS

Grade Forgiveness of High School Credit by Middle School Students

High school level courses taken below grade 9 may be used to satisfy high school graduation requirements and Bright Futures award requirements. Middle school students who have taken high school courses may receive grade forgiveness if they have earned a grade of C, D or F or the numerical equivalent of C, D or F. In such case, the district forgiveness policy must allow the replacement of the grade with a grade of C or higher, or the numerical equivalent of a grade of C or higher, earned subsequently in the same or comparable course. For a grade of A or B the course and grade cannot be forgiven and will appear on the student's high school transcript and will be used in the calculation of high school grade point average and for Bright Futures. (Section 1003.428 (4)(d), F.S.)

Grade Forgiveness for High School Students

State law requires a cumulative 2.0 GPA to graduate. Forgiveness policies for required courses shall be limited to replacing a grade of D or F, or their numerical equivalent, with a grade of C or higher, or its numerical equivalent, earned subsequently in the same or comparable course.

Forgiveness policies for elective courses shall be limited to replacing a grade of D or F, or their equivalent, with a grade of C or higher, or its equivalent, earned subsequently in another course. These restrictions on forgiveness do not apply to students below grade 9 taking high school courses.

Any course credit not replaced according to the district's forgiveness policy shall be included in the calculation of the cumulative GPA required for graduation. All courses and grades must be included on the student's transcript. Schools may not count the best 24 credits for all courses taken to meet the cumulative GPA for graduation requirements.

The district's forgiveness policy is for the express purpose of assisting students in meeting the requirement to attain a minimum grade point average necessary to graduate from high school. Schools do not have the authority to purge a student record to delete the first grade of D or F. Student records cannot be altered at any time unless it has been determined that the information is inaccurate or a violation of the privacy or other rights of the student.

If an "F" is received in a course required for graduation, the student is strongly encouraged to repeat the course as soon as possible. Please note that failure to earn a full credit in a year-long course required for graduation may keep a student from going on to a higher course in that subject area. See your Guidance Counselor for more information on retaking a course.

A student is cautioned NOT to repeat courses for which credit has already been received. No credit will be awarded the second time. Courses in which one earns a C or higher may NOT be retaken to improve a grade.

The district's Student Progression Plan contains updated information on grade forgiveness. The document can be accessed at <http://www.stjohns.k12.fl.us/cs/wp-content/uploads/sites/29/2015/02/SPP-HIGH-SCHOOL-SPP-2017-2018.pdf>

ACADEMIC RECOVERY LABS

A review of student academic and attendance records will be conducted prior to the start of school and at the end of each semester. Students meeting the criteria listed below shall be considered for an opportunity to participate in the Academic Recovery Labs. These labs are an option, not a requirement for students:

- who are not on schedule to graduate with their cohort – short in credits,
- with a GPA below a 2.0 – in danger of not graduating, or
- who meet one or more of the grade forgiveness criteria.

Students should move through the correct progression of the curriculum before the academic grade recovery lab is allowed when the GPA is above a 2.0. Students must receive a grade of D or F in order to retake a class.

Due to National Collegiate Athletic Association (NCAA) eligibility requirements, academic recovery lab courses are not recommended for prospective NCAA Division I and II athletes. For additional information, see: <http://www.ncaa.org/> or http://web1.ncaa.org/ECWR2/NCAA_EMS/NCAA.html

SJVS/FLVS GUIDELINES FOR HIGH SCHOOL

- Learning Labs have been established at each high school to assist in student access to virtual courses. Students enrolled in these labs will be held to daily class attendance requirements even if course is completed prior to the end of the enrolled semester.
- It is recommended that students have a 2.0 or higher GPA OR score a level 3 or higher on the FSA in reading unless the student has medical or behavior issues that may limit success in the traditional classroom.
- Students must meet with school counselor to determine if placement in a SJVS/FLVS is academically appropriate for the student based on course prerequisites, the student's academic history and age and appropriateness of the course for the student's Customized Learning Path (CLP). ALL courses must be approved by the counselor.
- For students with disabilities, an IEP or 504 meeting will be held prior to determining whether placement in a SJVS/FLVS course is appropriate based on their individual needs.
- Once a semester has begun, a student may not withdraw from a school course to enroll in the same course online without administrative approval.
- Students may not simultaneously be placed in the same course concurrently at a district high school and at SJVS/FLVS.

COURSE WEIGHTING

*An additional weight of .5 is added to Honors courses for grade point average (GPA) calculation.

**An additional weight of 1.0 is added to Advanced Placement and Dual Enrollment courses for GPA calculation.

HONORS CRITERIA

Students who meet AT LEAST ONE of the criteria listed below can take an Honors or AP level course.

- **Norm Referenced Test - Stanine of 7, 8, or 9 on an appropriate assessment.**
 - Math for mathematics and science honors class placement
 - Reading for English, social studies and foreign language honors class placement
- **Grades – A grade of “C” or better in the previous honors course.** Students earning an “A” in a previous standard class, may be recommended for Honors or AP.
- **FSA – Level 4 or 5 in appropriate area and not less than a level 3 in any area**
- **PSAT – A score of 48 or higher on an appropriate assessment.**
- **PLAN – A score of 170 (English), 210 (Math), or higher on the appropriate assessment.**

FSA Reading scores will be used for placement in English and Social Studies courses and FSA Math scores will be used for Math and Science courses.

DROPPING HONORS OR ADVANCED COURSES

If a student is enrolled in an honors or AP full-credit course, the student may only drop the course within the first five class meetings, or he/she may NOT drop the course until the end of the semester and only if the following conditions exist:

- a grade of D or F,
- completion of a parent conference during each grading period,
- demonstration of the student seeking consistent academic assistance, and
- space available in a comparable course.

If a student is enrolled in an honors or AP half-credit course, the student may only drop the course after the end of the first nine weeks grading period and only if the following conditions exist:

- a grade of D or F,
- completion of a parent conference,
- demonstration of the student seeking consistent academic assistance, or
- space available in a comparable course.

Withdrawing from an honors or AP course is denoted with the WP or WF designation, but cannot be done until after the midpoint of the course. In the case of extenuating circumstances, a petition may be made on a case-by case basis to the principal (or designee) for review of criteria to ensure proper course placement.

After 21 days, the grade earned in the honors/AP class follows the student to the next course, but teachers have flexibility to adjust the transfer grade based on demonstrated mastery of standards in the new course. Note – withdrawing from dual enrollment courses is governed by the college deadlines, not school policy

***Please choose your classes very carefully!!!**

DUAL ENROLLMENT CRITERIA

St. Johns River State College

Students wishing to enroll as dual enrollment students (AA or AS degrees) at St. Johns River State College must first meet St. Johns County School District Honors Criteria. In addition, students must meet the following requirements:

- *Students must first meet district qualifications for honors course placement to be considered for dual enrollment.
- *Be seeking a vocational certificate, a college credit vocational/technical certificate, an associate in science college degree, or an associate in arts college degree.
- *Demonstrate readiness for college or career level course work
- * Students must have a 3.0 unweighted GPA
- *Have a counselor and principal's approval
- *Be limited to 10 hours of college credit enrollment per college semester
- *Maintain a "C" or better in each class to remain in the dual enrollment program
- *Be aware that receiving a "W", "D" or an "F" for any course results in ineligibility to remain in the dual enrollment program
- *Provide acceptable results from the American College Test (ACT), the Scholastic Aptitude Test (SAT), the Post-Secondary Readiness Test (PERT) or another standardized placement test for college level English and math:

Test	All DE courses except for Math	MAC 1105 and STA 2023
SAT	<ul style="list-style-type: none"> • 24 – Reading Subscore & • 25 – Writing Subscore 	<ul style="list-style-type: none"> • 25 – Math Subscore
ACT	<ul style="list-style-type: none"> • 19 – Reading Section & • 17 – English Section 	<ul style="list-style-type: none"> • 21 – Math Section
PERT	<ul style="list-style-type: none"> • 106 Reading Section & • 103 Writing Section 	<ul style="list-style-type: none"> • 123 – Math Section

First Coast Technical College (FCTC)

Students wishing to be placed in dual enrollment classes at First Coast Technical College must fulfill the following requirements:

- Have a 2.0 or higher GPA upon entry
- Complete the dual enrollment/registration form including all required signatures
- Complete assessment testing within six weeks of program entry (if not completed, as recommended, prior to entry)
- Maintain a "C" or above average in selected dual enrollment program(s)

GRADUATION REQUIREMENTS

Graduation Requirements	Standard Diploma	Scholar Designation	Merit Designation
English Credits	<ul style="list-style-type: none"> • 4 credits of English • Must take and pass 10th grade FSA Reading and Writing 	<ul style="list-style-type: none"> • Same as standard 	<ul style="list-style-type: none"> • Same as standard
Math Credits	<ul style="list-style-type: none"> • 4 credits of Math • 1 credit in Algebra, EOC 30% • 1 credit in Geometry, EOC 30% • All students MP Algebra 1 EOC 	<ul style="list-style-type: none"> • C/O 2018 and beyond MP Geometry EOC • Algebra 2, C/O 2018 and beyond • Statistics (or equally rigorous course) 	<ul style="list-style-type: none"> • Same as standard
Science Credits	<ul style="list-style-type: none"> • 3 credits of Science • 1 credit in Biology 1, EOC 30% • 2 credits in an equally rigorous course • 1 credit may be substituted with allowable industry certification that leads to college credit 	<ul style="list-style-type: none"> • Biology 1, MP EOC • 1 credit in Chemistry or Physics • 1 credit in a course equally rigorous to chemistry or physics 	<ul style="list-style-type: none"> • Same as standard
Social Studies Credits	<ul style="list-style-type: none"> • 3 credits of Social Studies • World History • US History, EOC 30% • Government and Economics 	<ul style="list-style-type: none"> • US History, MP EOC 	<ul style="list-style-type: none"> • Same as standard
Performing/Practical Fine Arts	<ul style="list-style-type: none"> • 1 credit 	<ul style="list-style-type: none"> • Same as standard 	<ul style="list-style-type: none"> • Same as standard
Foreign Language	<ul style="list-style-type: none"> • None 	<ul style="list-style-type: none"> • 2 credits of same foreign language 	<ul style="list-style-type: none"> • Same as standard
Physical Education w/ Health	<ul style="list-style-type: none"> • 1 credit of HOPE 	<ul style="list-style-type: none"> • Same as standard 	<ul style="list-style-type: none"> • Same as standard
Electives/Other	<ul style="list-style-type: none"> • 8 credits of electives 	<ul style="list-style-type: none"> • 8 credits of electives - Must earn one AP, IB, AICE, or dual enrollment course credit 	<ul style="list-style-type: none"> • 8 credits of electives - students must use electives to attain one or more industry certifications
Online Course Requirement	<ul style="list-style-type: none"> • 1 entire course 	<ul style="list-style-type: none"> • Same as standard 	<ul style="list-style-type: none"> • Same as standard
Total Credits	<ul style="list-style-type: none"> • 24 credits 	<ul style="list-style-type: none"> • 24 credits 	<ul style="list-style-type: none"> • 24 credits
	<ul style="list-style-type: none"> • 24 credits may be earned through equivalent, applied, or integrated or career education courses, including work related internships • 2.0 cumulative GPA on a 4.0 scale 	<ul style="list-style-type: none"> • 2.0 cumulative GPA on a 4.0 scale 	<ul style="list-style-type: none"> • 24 credits may be earned through equivalent, applied, or integrated or career education courses, including work related internships • 2.0 cumulative GPA on a 4.0 scale

CREEKSIDE ADVANCED SCHOLAR PROGRESSION

The Creekside Advanced Scholar Progression is a rigorous program of study designed to meet the needs of the most highly motivated students. Students following the Advanced Scholar Progression will be taking the most rigorous course in each subject area, including Honors, Advanced Placement and Dual Enrollment courses. Students who successfully complete the Advanced Scholar Progression will have a transcript that is competitive for the college admissions process and the Bright Futures Scholarship program. Additionally, students completing the Advanced Scholar Progression have the opportunity to earn college credit in a variety of subject areas. Applications are not necessary to be a part of the program, but school counselors are available to help advise students who are pursuing this track.

Students completing the Advanced Scholar Progression also have the opportunity to earn recognition from Creekside High School, in conjunction with the College Board, as an AP Scholar, AP Scholar with Honor, AP Scholar with Distinction or a National AP Scholar. Please see the requirements below:

AP Scholar	Granted to students who receive a score of 3 or higher on three or more AP Exams
AP Scholar w/Honors	Granted to students who receive an average score of at least 3.25 on all AP Exams taken, and scores of 3 or higher on four or more of these exams.
AP Scholar w/Distinction	Granted to students who receive an average score of at least 3.5 on all AP Exams taken, and scores of 3 or higher on five or more of these exams.
National AP Scholar	Granted to students in the U.S. who receive an average score of at least 4 on all AP Exams taken, and scores of 4 or higher on eight or more of these exams.

AP CAPSTONE AND THE AP INTERNATIONAL DIPLOMA

Some students completing the Advanced Scholar Progression might also qualify for the Advanced Placement International Diploma (APID) or the AP Capstone Diploma, issued by the College Board upon graduating from Creekside High School. These are not substitutes for a high school diploma, but provide additional certification of academic excellence.

The AP Capstone Diploma can be earned by any student who earns a score of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing. Students who earn scores of 3 or higher on both AP Seminar and AP Research but not on four additional AP Exams receive the AP Seminar and Research Certificate.

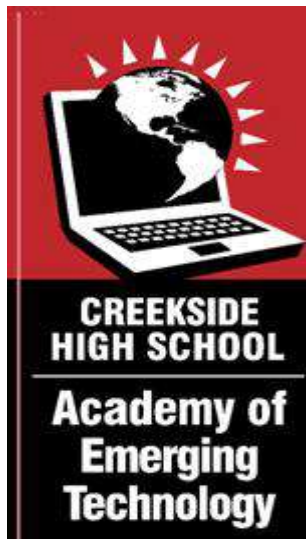
The AP International Diploma (APID) is a globally recognized certificate awarded to students who display exceptional achievement across a variety of disciplines. For more information and the requirements of the AP International Diploma, visit <https://apcentral.collegeboard.org/score-reports-data/awards/international-diploma>

CREEKSIDE ADVANCED SCHOLAR PROGRESSION COURSES

	9 th	10 th	11 th	12 th
English	English 1 Honors	English 2 Honors	AP English Language or DE Composition I	AP English Literature or DE Composition II
Math	Algebra 1 Honors (or higher)	Geometry Honors (or higher)	Algebra 2 Honors (or Higher)	Pre-Calculus or AP Calculus AB or AP Calculus BC or AP Statistics or DE Math
Science	Physical Science Honors or Biology Honors	Biology Honors or Chemistry Honors	Chemistry Honors or Physics Honors or AP Science or DE Science	AP Biology or AP Chemistry or AP Physics 1, 2 or C or AP Env. Science or DE Biology or DE Anatomy & Phys.
Social Studies	AP Human Geography	AP World History	AP U.S. History or DE U.S. History	AP Government or DE Government AND AP Economics (Micro & Macro)
World Language	Spanish 1 (or higher) or ASL 1	Spanish 2 (or higher) or ASL 2	Spanish 3 (or higher) or ASL 3 or DE Spanish	AP Spanish Language or AP Spanish Literature or ASL 4 or DE Spanish
Elective Options		AP Psychology AP European History	AP Seminar AP Psychology AP European History AP Computer Sci. Principles AP Art History AP Studio Art	AP Research AP Psychology AP European History AP Computer Sci. Principles AP Art History AP Studio Art

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CREEKSIDE CAREER ACADEMIES



Students participate in a program that focuses on two strands: Digital Media Technology or Cybersecurity. Digital Media Technology is designed to offer a broad foundation of knowledge and skills to prepare students for employment in digital media, new media, and multimedia positions using Adobe products. Students may obtain industry certifications in Photoshop, Illustrator, In Design, Premiere Pro, and Dreamweaver. The Cybersecurity STEM program offers a curriculum in the growing and critical field of Cybersecurity. Students will receive instruction and hands-on experience in computer and network security, security vulnerabilities, attack mechanisms and techniques, cryptographic systems as well as other security technology. Students will be given the opportunity to obtain the Microsoft Security Certification and the CompTIA Security + Certification.



Students participate in a STEM program that focuses on two strands: Engineering and Environmental Science. The focus of the Engineering program is for students to learn the skills and software needed to invent, innovate, design, manage, and build structures or machines. The content includes, but is not limited to, basic mathematical, scientific, or technical aspects of civil engineering or urban planning; and beginning surveying, including mapping natural terrain; and drafting. Students have an opportunity to earn industry certification in multiple Autodesk programs. The Environmental Sciences program focuses on the knowledge of federal, state, and local regulations; ecosystem awareness; water quality issues; air quality issues; managing hazardous materials; managing forests, wetlands, fisheries, and wildlife; planning and administering land use; protecting resources; conducting site assessments; sampling procedures; safety procedures; compliance monitoring and quality assurance procedures; and instruction in GIS/GPS technology and green building initiatives..

ACADEMY

Environmental Science

Intro to Natural Resources 2

Course No.: 8006220 Credit: 1.0*

Prerequisite: None

The purpose of this course is to prepare students for employment or advanced training in the environmental industry. Upon completion, the students will be prepared to enter advanced training and education in specialized fields of environmental science or environmental business.

Natural Resource Technology 3

Course No.: 8006230 Credit: 1.0*

Prerequisite: Intro to Natural Resources 2

This course is designed to develop competencies in the areas of water treatment, storm water systems, Geographic Informational and Global Positioning Systems, environmental standards and regulations, career opportunities; scientific and research concepts; principles of leadership; and employability, and human relations skills. Laboratory-based activities are an integral part of this course. These include the safe use and application of appropriate technology, scientific testing and observation equipment.

Natural Resource Management 4

Course No.: 8006240 Credit: 1.0*

Prerequisite: Natural Resource Technology 3

This course is designed to develop competencies in the areas of land management, weather systems, wildlife programs, commodity and non-commodity resources, sustainable agriculture and environmental research.

Natural Resource Management 5

Course No.: 8006240 Credit: 1.0*

Prerequisite: Natural Resource Technology 4

This course is designed to develop competencies in the management of pests and ecosystems, planning and administering land usage, ecology restoration, career opportunities; scientific and research concepts; principles of leadership; and employability,

and human relations skills. Laboratory-based activities are an integral part of this course. These include the safe use and application of appropriate technology, scientific testing and observation equipment.

Engineering

Civil Engineering 2

Course No.: 8915020 Credit: 1.0

Prerequisite: Civil Engineering 1

This course provides instruction in beginning photography, drainage and geological concepts. Students will be introduced to the use of the computer in civil engineering. Practical application of concepts will be demonstrated through model building.

Civil Engineering 3

Course No.: 8915030 Credit: 1.0*

Prerequisite: Civil Engineering 2

This course provides laboratory experiences and begins preparing students for the practicum. Instruction in beginning surveying, drafting, and business related skills are included.

Civil Engineering 4

Course No.: 8915040 Credit: 1.0*

Prerequisite: Civil Engineering 3

This course provides practical experience in the civil engineering industry. Students will demonstrate employability skills. It is a practicum that covers all aspects of Civil Engineering Aide employment.

Applied Engineering 1

Course No.: 8401110 Credit: 1.0*

Prerequisite: Civil Engineering 1

This course helps students understand the field of engineering/engineering technology and prepares them for postsecondary engineering programs by developing a more in-depth mastery of the associated mathematics, science, and technology knowledge and skills, as well as concerns about the social and political implications of technological change.

Applied Engineering 2

Course No.: 8401120 Credit: 1.0*

Prerequisite: Applied Engineering 1

This course provides students with opportunities to further their mastery of engineering-related math and science principles to design solutions to real world problems. The course also includes a more in-depth look into the relationship between technology and design.

Applied Engineering 3

Course No.: 8401130 Credit: 1.0*

Prerequisite: Applied Engineering 2

This course provides opportunities for students to apply their acquired knowledge and skills in engineering scenarios. The course features multiple options for providing context-based projects oriented to specific fields of engineering. This feature enables instruction in complex projects involving multi-faceted project teams by providing instruction oriented to four key engineering disciplines: mechanical, electrical, civil, and environmental.

Cybersecurity

IT Principles

Course No.:9003510 Credit: 1.0*

This course prepares students for installing computer hardware and software and troubleshooting and repairing computers.

Computer and Network Security Fundamentals

Course No.:9001320 Credit: 1.0*

Prerequisite: IT Principles

This course introduces students to cybersecurity and provides them with essential computer and networking knowledge and skills, particularly those related to cybersecurity.

Cybersecurity Essentials

Course No.: 9001330 Credit: 1.0*

Prerequisite: Computer and Network Security Fundamentals

This course provides students with insight into the many variations of vulnerabilities, attack mechanisms, intrusion detection systems, and some methods to mitigate cybersecurity risks, including certificate services and cryptographic systems.

Operational Cybersecurity

Course No.: 9001340 Credit: 1.0*

Prerequisite: Cybersecurity Essentials

This course provides students with insight into the many ways in which computer systems can be secured, countermeasures implemented, and risk assessment performed.

Web Security

Course No.: 9001380 Credit: 1.0*

Prerequisite: Operational Cybersecurity

This course addresses the creation of secure websites and authentication applications, including identifying the vulnerabilities and mitigation strategies.

Foundations of Programming

Course No.: 9007210 Credit: 1.0*

This course introduces concepts, techniques, and processes associated with computer programming and software development. After Successful completion of Programming, students will have met Occupational Completion Point B, Computer Programmer Assistant, SOC Code 15-1131.

Digital Media

Digital Media/Multimedia Foundations 1

Course No.: 8201210 Credit: 1.0

This course provides competencies in presentation production issues, basic computer knowledge, illustration software, digital still photography, and photo editing software, such as Adobe Photoshop and Adobe Illustrator.

Digital Media/Multimedia Foundations 2

Course No.: 8201220 Credit: 1.0

Pre-requisite: Digital Media 3

This course is an extension of Digital Media/Multimedia Foundations 1, but also includes competencies in advanced design, color modes, and fonts using Adobe InDesign. Students will build a

print portfolio that includes business cards, posters, billboards, magazines, brochures, etc.

Digital Media/Multimedia Foundations 3

Course No.: 8201230 Credit: 1.0*

Pre-requisite: Digital Media 3

This course covers competencies using design layout software with Adobe InDesign. Students will also learn to use Adobe Premiere Pro and Adobe After Effects, video editing software programs.

Digital Media/Multimedia Foundations 4

Course No.: 8201240 Credit: 1.0*

Pre-requisite: Digital Media 3

This course covers competencies in web page design, HTML and CSS, and software authoring for webpage design, such as Adobe Dreamweaver. Students will create an electronic portfolio incorporating projects from all four years of the Academy program.



Academy Elective

AP Computer Science Principles

Course No.: 0200335 Credit: 1.0**

AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions

ART

AP Art History

Course No.: 0100300 Credit: 1.0**

Prerequisite: Meet Honors Criteria and Teacher Recommendation

This course offers the serious student the opportunity to explore the history of art from ancient times to the present. The purpose of this course is to introduce students to the appreciation of works of art, the intelligent examination of works of art, and to the major forms of artistic expression in Western art from 1400 to the present. **Students are expected to take a final AP exam.**

AP Art: Drawing Portfolio

Course No.: 0104300 Credit: 1.0**

Prerequisite: Teacher Recommendation

AP Studio Art Drawing is offered to serious students who are interested in the in-depth investigation and practical experience of art, who wish to develop mastery in concept, composition and execution of their ideas. This high level, rigorous course is based on independent work with the goal of producing a portfolio of work to be submitted to the College Board for AP credit. The course requires investigation of Quality, Concentration, and Breadth of work. Emphasis on drawing and mark-making through a variety of media. Students must have teacher recommendation and successful completion of first 2 levels of previous coursework. (with Mrs. Bak) **Students are expected to take a final AP exam.**

AP Studio Art: 2-D Design or Drawing Portfolio

Course No.: 109350 Credit: 1.0**

Prerequisite: Meet Honors Criteria, Teacher Recommendation.

Advanced Placement 2D art is a course intended to address a very broad interpretation of two-dimensional (2-D) design issues. This type of design involves purposeful decision-making about how to use the elements and principles of art in an integrative way. It is for the advanced student who wishes to seek AP credit through submitting a Portfolio of work for consideration by the College

Board. Students will work in either 2D art (Draw/Paint with Mrs. Bak) or Photography (with Mrs. Provisero). Students must have teacher recommendation and successful completion of first 2 levels of previous coursework. **Students are expected to take a final AP exam.**

AP Studio Art: 3-D Design Portfolio

Course No.: 0109360 Credit: 1.0**

Prerequisite: Meets Honors Criteria, Teacher Recommendation,

The AP Studio Art 3D course is offered to students who are interested in the in-depth investigation of the experience and mastery of 3D art. This high level, rigorous course is based on independent work with the goal of producing a portfolio of work to be submitted to the College Board for AP credit. The course requires investigation of Quality, Concentration, and Breadth of work. Students are expected to work independently to demonstrate the elements of art and principles of design within 3D design. **Students are expected to take a final AP exam.**

2-D Studio Art I

Course No.: 0101300 Credit: 1.0

This Fine Arts class 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 more. Focus is on the elements of art and the principles of design used to create work that is inspired by works from Art History. Students will analyze and discuss other's works. Analytical and problem-solving skills used to improve work and that of their peers, self-diagnosing and experimenting with potential solutions to art challenges based on their foundational structural, historical, and cultural knowledge. *Art supplies may need to be purchased*

2-D Studio Art II

Course No.: 0101310 Credit: 1.0

Prerequisite: 2-D Studio Art I

Students develop and refine technical skills and create 2-D compositions with a variety of media in

drawing, painting, printmaking, collage, and/or design. Student artist's 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. Through the critique process, students evaluate and respond to their own work and that of their peers. *Additional art supplies may need to be purchased.*

2-D Studio Art III

Course No.: 0101320 Credit: 1.0

Prerequisite: 2-D Studio Art II

Students demonstrate proficiency in the conceptual development of content in drawing, painting, printmaking, collage, and/or design to create self-directed or collaborative 2-D artwork suitable for inclusion in a portfolio. Students produce works that show evidence of developing craftsmanship and quality in the composition. Through the critique process, students evaluate and respond to their own work and that of their peers. Through a focused investigation of traditional techniques, historical and cultural models, and individual expressive goals, students begin to develop a personal art style.

3-D Studio Art I

Course No.: 0101330 Credit: 1.0

Prerequisite: None

In this, entry-level class, students experiment with the media and techniques used to design and construct three-dimensional (3-D) artworks, including sketching, carving, modeling, and assembling in such media as clay wire, wood, paper maché, and found objects. Students use analytical and problem-solving skills to improve their work and that of their peers, self-diagnosing and experimenting with potential solutions to art challenges based on their foundational structural, historical, and cultural knowledge.

3-D Studio Art II

Course No.: 0101340 Credit: 1.0

Prerequisite: 3-D Studio Art I

In this course students strengthen their use of media and techniques used to design and construct three-dimensional (3-D) artworks, including sketching, carving, modeling, and assembling in such media as clay, wire, wood, paper maché, and found objects.

Students reflect on aesthetics and issues related to art and reinforce knowledge of the elements of art and principles of design. They use sophisticated oral and written analytical and problem-solving skills to improve their work and that of their peers.

3-D Studio Art III

Course No.: 0101350 Credit: 1.0*

Prerequisite: 3-D Studio Art II

In this course students refine their use of media and techniques to create primarily self-directed, three-dimensional (3D) artworks at high levels of proficiency and independence. Students regularly reflect on aesthetics and art issues individually and as a group, and manipulate the structural elements of art and organizational principles of design to create works of art that are progressively more innovative and representative of the student's artistic and cognitive growth.

Creative Photography I

Course No.: 0108310 Credit: 1.0

Prerequisite: None

This course includes the study of production techniques of digital and black and white film photography; critical discussion of art and photography processes and criteria for judging photographs and justifying opinions about the quality and craftsmanship of photographs. Students will be able to make judgments and critical analysis of photographs by major photographers as well as their own work both in written form and verbally. Students will use proper presentation skills. Classroom time is spent studying digital and black and white photography processes, techniques, alternative photographic processes along with lab time to create projects.

Creative Photography II

Course No.: 0108320 Credit: 1.0

Prerequisite: Creative Photography I

This course includes the production of digital and black and white photography with particular subject matter, lighting techniques, variations of printing, alternative processes and mixed media. Students will be able to make judgments and critical analysis of major photographers' works as well as their own work. Formal critiques will be conducted to practice

verbal and written analysis. Students will use proper presentation skills, increasing the quality of their work. *Owning a 35mm camera and/or a digital camera is recommended.*

Creative Photography III

Course No.: 0108330 Credit: 1.0*

Prerequisite: Creative Photography II

This course is for the dedicated Photo student who has successfully completed Photo 1 and Photo 2. This course includes investigation into alternative techniques of film and digital photography as well as historical alternative photographic techniques. Shooting assignments are off campus. Formal critiques will be conducted to practice verbal and written analysis of self, peer and professional photography. Students will utilize proper presentation skills, improving the quality of their work as well as complete an artist statement describing their artistic intent. *Student is recommended to have either a 35 mm camera, a 10 mega pixel (or higher) digital camera with manual settings.*

Portfolio I, II, or III

Course No.: 0109310 Credit: 1.0*

Prerequisite: 2D Studio Art, 3D Studio Art, Creative Photo III or Teacher Recommendation

This Fine Arts course allows the independent and highly motivated art student to develop a portfolio of work showing a range of individual projects to include quality, breadth and concentration. Students are experimenting with a variety of media and risk taking in their art. Most Portfolio students are preparing to enroll in Advanced Placement Art (AP) the following year and are building a body of work in preparation for the AP course or for submission to a post-secondary institution to study Art. Teacher recommendation is necessary. *Additional art supplies may need to be purchased*

Digital Video Technology

Digital Video Technology 1

Course No.: 8201410 Credit: 1.0

Prerequisites: None

This course provides students with an introduction to the digital video production process; content includes safe work practices, planning a production set, designing lighting plans, camera operation, and audio/video recording, mixing, and editing. This is a level 3 Course, Honors Weighting.

Digital Video Technology 2

Course No.: 8201420 Credit: 1.0

Prerequisites: Digital Video Technology 1

This course provides students with intermediate level instruction in the digital video production process. This is a level 3 Course, Honors Weighting.

Digital Video Technology 3

Course No.: 8201430 Credit: 1.0*

Prerequisites: Digital Video Technology 2

Students will participate in the digital video preproduction, production, and post-production processes. This is a level 3 Course, Honors Weighting.

Digital Video Technology 4

Course No.: 8201440 Credit: 1.0*

Prerequisites: Digital Technology 3

Students will demonstrate proficiency in all phases of the digital video production process (pre-production, production, post-production). This is a level 3 Course, Honors Weighting

TM

EXCEPTIONAL EDUCATION

Access courses are intended only for students with a significant cognitive disability. Access courses are designed to provide students with access to the general curriculum. Access points reflect increasing levels of complexity and depth of knowledge aligned with grade-level expectations. The access points included in access courses are intentionally designed to foster high expectations for students with significant cognitive disabilities.

Access points in the subject areas of science, social studies, art, dance, physical education, theatre, and health provide tiered access to the general curriculum through three levels of access points (Participatory, Supported, and Independent). Access points in English language arts and mathematics do not contain these tiers, but contain Essential Understandings (or EUs). EUs consist of skills at varying levels of complexity and are a resource when planning for instruction.

Access Biology I

Course No.: 7920015

Access Earth/Space Science

Course No.: 7920020

Access Integrated Science

Course No.: 7920025

Access Hope

Course No.: 7915015

Access Liberal Arts Math

Course No.: 7912070

Access Algebra 1A

Course No.: 7912080

Access Algebra IB

Course No.: 7912090

Access Geometry

Course No.: 7912065

Access English 1 & 2

Course No.: 7910111

Access English 3 & 4

Course No.: 7910112

Access World History

Course No.: 7921027

Access US History

Course No.: 7921015

Access Government

Course: 7921015

Access Economics

Course: 7921022

Preparation for Post-school Adult Living

Course No.: 7963010 Credit: Multiple

The purpose of this course is to enable students with disabilities to acquire the knowledge and skills needed to prepare for post-school adult living.

Career Preparation

Course No.: 7980110 Credit: Multiple

The purpose of this course is to enable students with disabilities to acquire the career knowledge and skills necessary to identify career options, obtain community resources and develop work-related behaviors. The course will provide a foundation for further progress toward achieving the student's desired post-school outcomes related to a career.

Career Experiences

Course No.: 7980120 Credit: Multiple

The purpose of this course is to enable students with disabilities to further develop the career knowledge and skills necessary to identify career options, access community resources, and practice work-related behaviors. The course will provide guided practice and experiences in school and community work situations aimed at further progress toward

achieving the student's desired post-school outcomes related to a career.

Career Placement

Course No.: 7980130 Credit: Multiple

The purpose of this course is to enable students with disabilities to use the career knowledge and skills necessary to identify career options, access community resources and apply work-related behaviors. The course will provide placement in a job in the community aimed at further progress toward achieving the student's desired post-school outcomes related to a career.

Specially Designed Physical Education

Course No.: 7915010 Credit: Multiple

The purpose of this course is to provide opportunities for students with disabilities to develop motor skills and to participate in various physical activities that may be modified to meet individual needs.

Visual and Performing Arts

Course No.: 7967010 Credit: Multiple

The purpose of this course is to enable students with disabilities to develop a knowledge and appreciation of the visual and performing arts. There will be particular emphasis on the visual arts.

Learning Strategies

Course No.: 7963080 Credit: Multiple
The purpose of this course is to provide instruction that enables students with disabilities to acquire and use strategies and skills to enhance their independence as learners in educational and community settings.

EXPERIENTIAL EDUCATION

Executive Internship I

Course No.: 0500300 Credit: 1
Prerequisite: SENIORS ONLY!
The purpose of this course is to provide a practical introduction to the work environment through direct contact with professionals in the community. Students must currently have a job and work a minimum of 25 hours per month. This course is offered during the first period or the last period of the day and students must have their own transportation to leave during the class period they are scheduled into this course. The instructor will meet a minimum of once a month with the students during their scheduled class time for a required meeting and class discussion. Students will be required to sign in/out when they arrive/leave campus for their course and turn in each month: weekly journal of reflections from their workplace, pay stubs to verify the hours per month the student is working and an understanding of appropriate business attire.

Executive Internship II

Course No.: 0500310 Credit: 1
Prerequisite: SENIORS ONLY!
The purpose of this course is to supplement the existing curriculum by providing community internships. Students apply textbook learning, leadership skills and understanding in challenging and creative professional areas. Students must currently have a job and work a minimum of 25

hours per month. This course is offered during the first period or the last period of the day and students must have their own transportation to leave during the class period they are scheduled into this course. The instructor will meet a minimum of once a month with the students during their scheduled class time for a required meeting and class discussion. Students will be required to sign in/out when they arrive/leave campus for their course and turn in each month: weekly journal of reflections from their workplace, pay stubs to verify the hours per month the student is working and an understanding of appropriate business attire.

Voluntary Public Service

Course No.: 0500370 Credit: 0.5 OR
17.5 Service Hours
Prerequisite: SENIORS ONLY! The purpose of this course is to develop an appreciation of the concept of service to the community and to develop skills necessary to evaluate the impact of service to others. Entrance into this course is by **APPLICATION ONLY**. Requirements include having a 3.0 GPA, Less than 5 days of unexcused absence during the school year, and no discipline infractions. There will be a limited number of seats available per period based the schools requests. A lottery may be used to select students if seats are limited.

Interdisciplinary

AP Capstone Seminar

Course No.: 1700500 Credit: 1.0**
AP Seminar is a foundational course that engages student in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances.

AP Capstone Research

Course No.: 1700510 Credit: 1.0**
Prerequisite: AP Capstone Seminar and Teacher Recommendation.

AP Research allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan and conduct a year-long research-based investigation to address a research question.

Language Arts

English 1

Course No.: 1001310 Credit: 1.0

Prerequisite: None

The purpose of this course is to build upon previous years' language arts experiences, emphasizing a survey of literary genres, the writing process, reading strategies, study skills and vocabulary development.

English Honors I

Course No.: 1001320 Credit: 1.0*

Prerequisite: Meet Honors Criteria

The purpose of this course is to build upon previous years' language arts experiences through accelerated, in depth studies emphasizing a survey of literary genres, writing process, reading strategies, study skills and vocabulary development.

English II

Course No.: 1001340 Credit: 1.0

Prerequisite: English I

The purpose of this course is to build upon previous years' language arts experiences emphasizing a survey of world literature, advanced reading strategies, modes of writing including expository, persuasive, narrative and descriptive.

English Honors II

Course No.: 1001350 Credit: 1.0*

Prerequisite: English I and Meet Honors Criteria

The purpose of this course is to build upon previous years' language arts experiences through accelerated, in-depth studies emphasizing a survey of world literature, advanced reading strategies, modes of writing including expository, persuasive, narrative and descriptive.

English III

Course No.: 1001370 Credit: 1.0

Prerequisite: English II

The purpose of this course is to build upon previous years' language arts experiences and to emphasize the research process and a survey of American literature.

English Honors III

Course No.: 1001380 Credit: 1.0*

Prerequisite: English II and Meet Honors Criteria

The purpose of this course is built upon previous years' language arts experiences through accelerated, in-depth studies emphasizing the research process and a survey of American literature.

AP English Language and Composition

Course No.: 1001420 Credit: 1.0**

Prerequisite: Meet Honors Criteria

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.

Students are expected to take a final AP exam.

English IV

Course No.: 1001400 Credit: 1.0

Prerequisite: English III

The purpose of this course is to build upon previous years' language arts experiences and to emphasize a survey of British literature and post-secondary writing applications.

English Honors IV

Course No.: 1001410 Credit: 1.0*

Prerequisite: English III and Meet Honors Criteria

The purpose of this course is to build upon previous years' language arts experiences through accelerated, in-depth studies emphasizing a survey of British literature and post-secondary writing applications.

AP English Literature and Composition

Course No.: 1001430 Credit: 1.0**

Prerequisite: Meet Honors Criteria

The purpose of this course is to study and practice writing and to study literature. Students will learn to use the modes of discourse and recognize the assumptions underlying various rhetorical strategies. Students will also acquire an understanding of the resources of the language and of the writer's craft. They will develop critical standards for the appreciation of any literary work and increase their sensitivity to literature as shared experience.

Students are expected to take a final AP exam.

DUAL ENROLLMENT

Composition I (3 College Credits- 3 Hours)

Course No.: ENC1101 Credit: 1.0**

Prerequisite: Meet Honors and Dual Enrollment Criteria (See page 6)

ENC 1101 is a course in paragraph and essay writing, incorporating some review of basic grammar. Students will learn to write essays that are unified, coherent and grammatically correct. An exit grade of "C" or higher is required. Composition I fulfills the junior year English requirement.

Technical and Professional Writing (3 College Credits- 3 Hours)

Course No.: ENC2210 Credit: 0.5**

Prerequisite: ENC1101 with a grade of C or higher.

A study and practice of the writing and design of documents in technical and professional discourse communities. Students will produce documents representing a number of technical genres: correspondence, reports, a proposal, a real-world project, and a final portfolio. These assignments will be taken from real-world situations and will present students with a set of rhetorical consideration constraints. This course will approach technical writing rhetorically, discussing such topics as organizational conventions, visual design, and style in the context of specific rhetorical situations. ENC 2210 is a Gordon Rule writing course as defined by SBE Rule 6A-10.030. **If you choose to take ENC1101,**

ENC2210 will be taken concurrently. ENC1101 will be taken 1st semester and ENC2210 will be taken 2nd semester.

Composition II (3 College Credits- 3 Hours)

Course No.: ENC1102 Credit: 1.0**

Prerequisite: ENC1101 and ENC2210 with a grade of C or higher

The course includes detailed training in the methods and applications of expository writing and the process of logical thinking. Emphasis is placed on descriptive, persuasive and argumentative writing. Students will write a documented research paper. An exit grade of "C" or higher is required. Composition II fulfills the senior year English requirement

American Literature 2 (3 College Credits- 3 Hours)

Course No.: AML2020 Credit: 1.0**

Prerequisite: ENC1102 with a grade of C or higher
AML 2020 is a study of selected American writers and literary trends from mid-19th century to the present. AML 2020 is a Gordon rule writing course as defined by SBE Rule 6A-10.030. **If you choose to take ENC1102, AML2020 will be taken concurrently. ENC1102 will be taken 1st semester and AML2020 will be taken 2nd semester**

Intensive Reading

Course No.: 1000410 Credit: Multiple

Prerequisite: Administrative Placement

The purpose of this course is to provide remedial instruction and practice in reading skills for students reading below grade level.

Journalism 1-6 (Yearbook)

Course No.: 1006300-1006340 Credit: 1.0

Prerequisite: Teacher Recommendation, Application Approval

The purpose of this course is to provide instruction in basic aspects of journalism and workshop experiences in journalistic production. Students serve on the yearbook committee.

Creative Writing 1

Course No.: 1009320 Credit: 0.5

The purpose of this course is to develop writing and language skills needed for individual expression in literary forms.

Creative Writing 2

Course No.: 1009330 Credit: 0.5

The purpose of this course is to extend the development of the writing and language skills needed for individual expression in the literary forms as introduced in Creative Writing I.

If you choose to take Creative Writing I, Creative Writing 2 will be taken concurrently. Creative Writing 1 will be taken 1st semester and Creative Writing 2 will be taken 2nd semester.

Creative Writing 3

Course No.: 1009331 Credit: 1.0*

Prerequisite: Creative Writing 2 and permission of the teacher

The purpose of the course is to develop writing and language skills needed for individual expression in traditional poetic forms.

MATHEMATICS

Algebra I

Course No.: 1200310 Credit: 1.0

Prerequisite: None

This course, or its equivalent, is a required course for graduation. Topics include number systems, polynomial operations, solving linear equations and inequalities, coordinate graphing, solving simultaneous linear equations, factoring, exponents, square roots and simple radical equations.

Algebra I Honors

Course No.: 1200320 Credit: 1.0*

Prerequisite: Meet Honors Criteria and Teacher Recommendation

This course is a rigorous study designed for the student who excels in both ability and performance in mathematics. Topics include enriched and extended study of number systems, polynomial operations, solving linear equations and inequalities, coordinate graphing, solving systems of equations, factoring, exponents, square roots and simple radical equations.

Liberal Arts Math 1

Course No.: 1207300 Credit: 1.0

Prerequisite: Algebra I

This course is designed to strengthen student skills in mathematics before continuing study in the academic sequence. Students will solve a variety of problems as described by the Sunshine State Standards.

Geometry

Course No.: 1206310 Credit: 1.0

Prerequisite: Algebra I and Teacher Recommendation

Geometry is a course designed for college bound students. The course introduces the basic concepts of Euclidean geometry and illustrates basic logic and its use in problem solving. Topics include congruence, similarity, perpendicularity, parallelism, circles and quadrilaterals, proof writing, Pythagorean Theorem and areas of polygons. This course emphasizes the relationship between algebra and geometry in preparation for Algebra II.

Geometry Honors

Course No.: 1206320 Credit: 1.0*

Prerequisite: Meet Honors Criteria, Algebra I or Algebra I Honors

This course is designed for the student who excels in both ability and performance in college preparatory mathematics. This is a rigorous study of the concepts of Euclidean geometry and illustrates basic logic and its use in problem solving. Extensive out-of-class preparation is required. This course emphasizes the relationship between algebra and geometry in preparation for Algebra II.

Liberal Arts Math 2

Course No.: 1207310 Credit: 1.0

Prerequisite: Geometry

This course is designed to strengthen student skills in mathematics before continuing study in the academic sequence. Students will solve a variety of problems as described by the Sunshine State Standards.

Algebra II

Course No.: 1200330 Credit: 1.0

Prerequisite: Algebra I, Geometry, and Teacher Recommendation

This second course in algebra is designed for college bound students. Topics include number systems, polynomials and factoring, rational expressions, solving rational equations, radicals, logarithmic functions and conic sections.

Algebra II Honors

Course No.: 1200340 Credit: 1.0*

Prerequisite: Geometry or Geometry Honors, Meet Honors Criteria, Teacher Recommendation

This course is designed for the student who excels both in ability and performance in college preparatory mathematics. Algebra II Honors is a rigorous study of polynomials and rational algebraic expressions, matrices, irrational numbers, complex numbers and polynomial functions, logarithms and quadratics.

Math for College Readiness

Course No.: 1200700 Credit: 1.0

Prerequisite: 3 credits in math, This course is recommended for 12th graders who do not meet the “college ready” scores on the state approved assessments (CPT, ACT, SAT).

Pre-Calculus

Course No.: 1202340 Credit: 1.0*

Prerequisite: Meet Honors Criteria, Algebra II Honors, Teacher Recommendation

This course is designed for the student who excels both in ability and performance in college preparatory mathematics and strengthens the student’s skill in preparation for calculus. Topics include extension of polynomial functions, exponential and logarithmic functions, sequences and series, trigonometry, mathematical induction, matrix algebra, elementary functions and limits.

Probability & Statistics with Applications

Course No.: 1210300 Credit: 1.0*

Prerequisite: Meet Honors Criteria
The purpose of this course is to introduce students to the fundamentals of descriptive and inferential statistics with a pronounced emphasis on inference.

Advanced Placement (AP) Statistics

Course No.: 1210320 Credit: 1.0**

Prerequisite: Algebra II Std or Honors, Meet Honors Criteria

The course will include, but will not be limited to, the following: exploratory data, observing patterns and departures from patterns, planning a study, deciding what and how to measure, anticipating patterns in advance, producing models using probability and simulation, statistical inference, confirming models.

Students are expected to take a final AP exam.

Advanced Placement (AP) Calculus AB

Course No.: 1202310 Credit: 1.0**

Prerequisite: Pre-Calculus, Meet Honors Criteria, Teacher Recommendation

This course is designed for the student considering a math and/or science major at a four-year college. Topics include anti-derivatives, definite integrals and applications of the integral. Extensive out of class preparation is required. **Students are expected to take a final AP exam.**

Advanced Placement (AP) Calculus BC

Course No.: 1298310 Credit: 1.0**

Prerequisite: AP Calculus AB, Meet Honors Criteria, Teacher Recommendation

The purpose of this course is to provide an extensive study of the general theory and techniques of calculus. Students are expected to take a final AP exam.

DUAL ENROLLMENT

TM

College Algebra (3 College Credits - 3 Hours)

Course No.: MAC1105 Credit: 1.0**

Prerequisite: Meet Honors and Dual Enrollment Criteria

Topics include lines, parabolas, circles, functions and their graphs, polynomial functions, rational functions, exponential functions, logarithmic functions and systems of equations and inequalities. It is recommended to have pre-calculus prior to taking this course.

Elementary Statistics (3 College Credits – 3 Hours)

Course No.: STA 2023

Credit: 1.0** Prerequisite: MAC1105 with a C or higher.

This course is an introduction to the fundamental concepts and methods of statistics and probability. Topics include graphs and numerical measures, probability, distributions, confidence intervals and hypothesis testing, correlation and regression and nonparametric methods.

If you choose to take MAC1105, STA2023 will be taken concurrently. MAC1105 will be taken 1st semester and STA2023 will be taken 2nd semester.

PERFORMING ARTS

Theatre I

Course No.: 0400310 Credit: 1.0

Prerequisite: None

The purpose of this course is to enable students to develop fundamental skills in the multiple elements of theatre as a collaborative art. Movement, voice projection, body language, concentration, improvisation and expression will be combined with creative drama activities in experiential exercises. Daily class participation is required. The content includes an overview of the history of theatre. Students will perform in group projects.

Theatre II

Course No.: 0400320 Credit: 1.0

Prerequisite: Theatre I

The purpose of this course is to enable students to develop basic skills in the multiple elements of theatre as a collaborative art. Students will enhance basic acting skills and develop production expertise. Memorized monologue and scene work will be required. More challenging improvisation work will be developed.

Theatre III

Course No.: 0400330 Credit: 1.0*

Prerequisite: Meet Honors Criteria, Theatre II

The purpose of this course is to enable students to develop intermediate-level skills in the multiple

elements of theatre as a collaborative art. Elements of stagecraft will be incorporated.

Theatre IV

Course No.: 0400340 Credit: 1.0*

Prerequisite: Meet Honors Criteria, Theatre III

The purpose of this course is to enable students to develop advanced skills in the multiple elements of theatre as a collaborative art. Advanced stagecraft will be incorporated.

Theatre Tech: Design and Production 2-4

Course No.: 0400410 Credit: 1.0

Prerequisite: Teacher Recommendation and Theater I

The purpose of this course is to enable students to develop fundamental skills in stagecraft and apply them through practical experiences. Students will learn practical, hands-on skills in scene design and set construction. This will include designing sets for theatre production. Aspects of scenery construction, costuming, make-up, lighting, sound and set design will be taught.

Theatre, Cinema, & Film Production

Course No.: 0400660 Credit: 1.0

Prerequisite: None

The purpose of this course is to provide an introduction to all of the many aspects, roles, and careers associated with the film and entertainment industries.

BAND

Band I

Course No.: 1302300 Credit: 1.0

Prerequisite: None

The purpose of this course is to enable students to develop basic technical skills on wind or percussion instruments through the refinement and performance of high school band literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance and critical listening. Students enrolled in this course are members of the Marching Band. This course includes after school and weekend activities.



Band II

Course No.: 1302310 Credit: 1.0

Prerequisite: Band I and Band Director's approval

The purpose of this course is to enable students to develop intermediate-level technical skills on wind or percussion instruments through the refinement and performance of high school band literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance and critical listening. Students enrolled in this course are members of the Marching Band. This course includes after school and weekend activities.

Band III

Course No.: 1302320 Credit: 1.0

Prerequisite: Band II and Band Director's approval

The purpose of this course is to enable students to develop proficient technical skills on wind or percussion instruments through the refinement and performance of high school band literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance and critical listening. Students enrolled in this course are members of the Marching Band. This course includes after school and weekend activities.

Band IV

Course No.: 1302330 Credit: 1.0*

Prerequisite: Band III and Band Director's approval

The purpose of this course is to enable students to develop consistently proficient technical skills on wind or percussion instruments through the refinement and performance of high school band literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance, critical listening and aesthetic response. Students enrolled in this course are members of the Marching Band. This course includes after school and weekend activities.

Band V

Course No.: 1302340 Credit: 1.0*

Prerequisite: Meet Honors Criteria, Band IV, and Band Director's approval

The purpose of this course is to enable students to develop consistently proficient technical skills on wind or percussion instruments through the refinement and performance of high school band literature. This literature is of the utmost difficulty. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance, critical listening and aesthetic response. Students enrolled in this course are members of the Marching Band. This course includes after school and weekend activities.

Band VI

Course No.: 1302350 Credit: 1.0*

Prerequisite: Meet Honors Criteria, Band V and Band Director's approval

The purpose of this course is to enable students to develop consistently proficient technical skills on wind or percussion instruments through the refinement and performance of high school band literature. This literature is of the utmost difficulty. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance, critical listening and aesthetic response. Students enrolled in this course are members of the Marching Band. This course includes after school and weekend activities.

Jazz Ensemble I

Course No.: 1302510 Credit: 1.0

Prerequisite: Band (any)

The purpose of this course is to enable students to develop intermediate-level skills in jazz performance through knowledge of styles and performance techniques of varied jazz and contemporary literature. Students must also be enrolled in a Band class as well as Jazz. This course includes after school and weekend activities.

Jazz Ensemble II

Course No.: 1302510 Credit: 1.0

Prerequisite: Band I, Directors Approval

The purpose of this course is to enable students to develop intermediate-level skills in jazz performance through knowledge of styles and performance techniques of varied jazz and contemporary literature. Students must also be enrolled in a Band class as well as Jazz. This course includes after school and weekend activities.

Jazz Ensemble III

Course No.: 1302520 Credit: 1.0

Prerequisite: Jazz Ensemble II

The purpose of this course is to develop the ability to apply the knowledge of styles and techniques of varied contemporary, popular and jazz literature. Students must also be enrolled in a Band class as well as Jazz. This course includes after school and weekend activities.

Jazz Ensemble IV

Course No.: 1302530 Credit: 1.0*

Prerequisite: Meet Honors Criteria, Jazz Ensemble III

The purpose of this course is to develop independence in knowledge of styles and performance techniques of varied contemporary music and jazz literature. Students must also be enrolled in a Band class as well as Jazz. This course includes after school and weekend activities.

Instrumental Techniques I

Course No.: 1302420 Credit: 1.0

Prerequisite: None

The purpose of this course is to enable students to develop basic technical skills on percussion instruments through the refinement and performance of high school band literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance and critical listening. Students enrolled in this course are members of the Marching Band. This course includes after school and weekend activities.

Instrumental Techniques II

Course No.: 1302430 Credit: 1.0

Prerequisite: Inst. Tech I

The purpose of this course is to enable students to develop basic technical skills on percussion instruments through the refinement and performance of high school band literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance and critical listening. Students enrolled in this course are members of the Marching Band. This course includes after school and weekend activities.

Instrumental Techniques III

Course No.: 1302440 Credit: 1.0

Prerequisite: Inst. Tech II

The purpose of this course is to enable students to develop basic technical skills on percussion instruments through the refinement and performance of high school band literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance and critical listening. Students enrolled in this course are members of the Marching Band. This course includes after school and weekend activities.

Instrumental Techniques IV

Course No.: 1302450 Credit: 1.0*

Prerequisite: Meet Honor Criteria, Inst. Tech III

The purpose of this course is to enable students to develop basic technical skills on percussion instruments through the refinement and performance of high school band literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance and critical listening. Students enrolled in this course are members of the Marching Band. This course includes after school and weekend activities.

CHORUS

Chorus I

Course No.: 1303300 Credit: 1.0

Prerequisite: None

The purpose of this course is to enable students to develop basic individual and ensemble skills in choral performance through preparation of varied high

school literature. Emphasis will be placed on healthy and expressive singing, accurate interpretation of notation, and development of critical and aesthetic response to music. This course includes after school and weekend activities.

Chorus II

Course No.: 1303310 Credit: 1.0

Prerequisite: Chorus I

The purpose of this course is to enable students to develop intermediate-level individual and ensemble skills in choral performance through preparation of varied high school literature. Emphasis will be placed on healthy and expressive singing, accurate interpretation of notation and development of critical and aesthetic response to music. This course includes after school and weekend activities.

Chorus III

Course No.: 1303320 Credit: 1.0

Prerequisite: Chorus II

The purpose of this course is to enable students to develop proficient individual and ensemble skills in choral performance through preparation of varied high school literature. Emphasis will be placed on healthy and expressive singing, accurate interpretation of notation and development of critical and aesthetic response to music. This course includes after school and weekend activities.

Chorus IV

Course No.: 1303330 Credit: 1.0

Prerequisite: Chorus III

The purpose of this course is to enable students to develop consistently proficient individual and ensemble skills in choral performance through preparation of varied high school literature. Emphasis will be placed on healthy and expressive singing, accurate interpretation of notation and development of critical and aesthetic response to music. This course includes after school and weekend activities.

Chorus V

Course No.: 1303330 Credit: 1.0*

Prerequisite: Meet Honors Criteria, Audition

The purpose of this course is to enable students to develop advanced individual and ensemble skills in choral performance through preparation of varied high school literature. Emphasis will be placed on healthy and expressive singing, accurate interpretation of notation and development of critical and aesthetic response to music. This course includes after school and weekend activities.

Vocal Ensemble II

Course No.: 1303450 Credit: 1.0

Prerequisite: Chorus I, Directors Approval

The purpose of this course is to enable students to develop intermediate-level 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.

Vocal Ensemble III

Course No.: 1303460 Credit: 1.0

Prerequisite: Vocal Ensemble II, Directors Approval

The purpose of this course is to develop creativity and refine performance techniques in vocal ensembles through the study of widely varied and appropriate choral literature. This course includes after school and weekend activities.

Vocal Ensemble IV

Course No.: 1303460 Credit: 1.0*

Prerequisite: Vocal Ensemble III, Meet Honors Criteria, Directors Approval

The purpose of this course is to foster creative performances in ensembles through the study of appropriate and highly varied literature and to provide students with opportunities for leadership. This course includes after school and weekend activities.

GUITAR

Guitar I

Course No.: 1301320 Credit: 1.0

Prerequisite: None

The purpose of this course is to enable students to develop basic skills in guitar performance, including

interpretation of notation and performance in varied styles. *Student must provide their own guitar.*

Guitar II

Course No.: 1301330 Credit: 1.0

Prerequisite: Guitar I and Director's Approval

The purpose of this course is to provide instruction in guitar using varied performance techniques. *Student must provide their own guitar.*

Guitar III

No.: 1301340 Credit: 1.0* Course

Prerequisite: Guitar II and Director's Approval

The purpose of this course is to provide instruction in the development of musicianship and technical skills through the study of varied guitar literature. *Student must provide their own guitar.*

Guitar IV Honors

Course No.: 1301350 Credit: 1.0*

Prerequisite: Meet Honors Criteria Guitar III and Director's Approval

The purpose of this course is to provide advanced instruction in individual guitar performance. *Student must provide their own guitar.*

ADDITIONAL MUSIC COURSE

AP Music Theory

Course No.: 1300330 Credit: 1.0 **

Prerequisite: Meet Honors Criteria

The purpose of this course is to develop the student's ability to recognize and understand the basic materials and processes in any music that is heard or read in score. Students are expected to take a final AP exam.

PHYSICAL EDUCATION

HOPE (Health Opportunities through Physical Education)

Course No.: 3026010 Credit: 1.0

Prerequisite: None

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

Volleyball 3

Course No.: 1505520 Credit: 0.5

Prerequisite: None

The purpose of this course is to enable students to continue knowledge of and skills in volleyball at the advanced level.

Softball

Prerequisite: None

Course No.: 1503330 Credit: 0.5

The purpose of this course is to enable students to develop knowledge and skills in softball. ***If you choose to take Volleyball 3, Softball will be taken concurrently.***

Volleyball 3 will be taken 1st semester and Softball will be taken 2nd semester.

Power Weight Training 1

Course No.: 1501410 Credit: 0.5

Prerequisite: None

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

Comprehensive Fitness

Course No.:1501390 Credit: 0.5

Prerequisite: None

This course is designed to help students develop an optimal level of health-related fitness and acquire additional knowledge of fitness concepts. ***If you choose to take Power Weight Training 1, Comprehensive Fitness will be taken concurrently. Power Weight Training will be taken 1st semester and Comprehensive Fitness will be taken 2nd semester.***

SCIENCE

Environmental Science

Course No.: 2001340 Credit: 1.0

Prerequisite: None

The purpose of this course is for students to conduct 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.

Physical Science Honors

Course No.: 2003310 Credit: 1.0*

Prerequisite: Honors Criteria

The purpose of this course is to provide students with the introductory concepts of physics and chemistry. This course includes some rigorous standards that are not part of the standard course.

Biology I

Course No.: 2000310 Credit: 1.0

Prerequisite: None

The course provides information and activities in the life sciences. Among the topics covered are: Molecular and cellular biology, classification, heredity and evolution, populations and ecosystems. Students who complete this course will take the state end of course exam.

Biology I Honors

Course No.: 2000320 Credit: 1.0*

Prerequisite: Meets Honors Criteria, Teacher Recommendation (9th graders)

This course provides greater depth of topic and faster pace than Biology 1. Among topics covered are: Molecular and cellular biology, classification, heredity and evolution, ecosystems. Students who complete this course will take the state end of course exam.

AP Biology

Course No.: 2000340 Credit: 1.0**

Prerequisite: Complete Biology Honors with a grade of C, Meet Honors Criteria

This course is a college level course that focuses on principles and concepts of the big ideas in biological science, including: cellular processes, genetics and information transfer, evolution, and interactions.

Students completing this course are expected to take the AP examination.

Earth/Space Science

Course No.: 2001310 Credit: 1.0

Prerequisite: 2 science credits

The purpose of this course is to develop and apply concepts basic to the Earth, its materials, processes, history and environment, and, to learn concepts about our universe.

Chemistry I

Course No.: 2003340 Credit: 1.0

Prerequisite: Algebra I with a grade of C or better, One Science Credit, Teacher Recommendation

Co-requisite: Algebra II

This rigorous course studies the composition and changes associated with matter. Math is an integral part of the course.

Chemistry I Honors

Course No.: 2003350 Credit: 1.0*

Prerequisite: Algebra I Honors with a grade of 'C' or better, Meet Honors Criteria, and Teacher recommendation

Co-requisite: Algebra II Honors

This rigorous course studies the composition and changes associated with matter. Math is an integral part of the course. This course includes some rigorous standards that are not part of the standard course.

AP Chemistry

Course No.: 2003370 Credit: 1.0**

Prerequisite: Chemistry I Honors, Meet Honors Criteria, and Teacher Recommendation

Co-Requisite: Algebra II

A rigorous, college level course that will immerse students in sophisticated chemical principles and concepts and fundamental laboratory technique. This is a synthesis/application course that covers these "big ideas": atoms, reactions and stoichiometry, chemical energy and thermodynamics, gases and intermolecular forces, kinetics, solubility equilibrium, acid-base equilibrium. **Students are expected to take a final AP exam.**

Physics 1 Honors

Course No.: 2003390 Credit: 1.0*

Prerequisite: Algebra I Honors with a grade of 'C' or better, Meet Honors Criteria, and Teacher recommendation

Co-requisite: Algebra II Honors

The purpose of this course is to provide students with rigorous introductory study of the theories and laws governing the interaction of matter, energy and the forces of nature. The content includes kinematics, dynamics, energy, work, thermodynamics, waves, light, electricity, magnetism and sound. Students who intend to take the AP Physics course should enroll in this course.

AP Physics 1

Course No.: 2003421 Credit: 1.0**

Prerequisite: Teacher Recommendation, completion of Algebra 2

Co-Requisite: Pre-Calculus

This is a rigorous, college level course. It delves into the main principles of physics and emphasizes conceptual understanding with problem-solving using algebra and some trigonometry. Topics include: Kinematics, Newtonian Mechanics, work, energy and power, Mechanical Waves and sound, introduction to electrostatics. **Students are expected to take a final AP exam.**

AP Physics 2

Course No.: 2003422 Credit: 1.0**

Prerequisite: Teacher Recommendation, AP Physics 1, Pre-Calculus

This is equivalent to a second semester college course in algebra based physics. The course covers Fluid mechanics, Thermodynamics, electricity and magnetism, Circuitry, Optics, Quantum, Atomic, and Nuclear physics. **Students are expected to take a final AP exam.**

AP Physics C Mechanics

Course No.: 2003430

Prerequisite: Meet Honors Criteria, Physics Honors

Co-requisite: AP Calculus BC

Credit: 1.0**

A rigorous, college level course, AP Physics C is typically the second part of the college sequence that is foundational for students who wish to major in the physical sciences or engineering. Strong emphasis on problem solving with calculus. Topics include: kinematics, forces, energy, momentum, circular motion/rotation, oscillations and gravitation. **Students are expected to take a final AP exam.**

AP Environmental Science

Course No.: 2001380 Credit: 1.0**

Prerequisite: Meet Honors Criteria, Biology, and Teacher Recommendation.

Co-requisite: Chemistry

A rigorous, college level course, AP Environmental Science is an excellent option for any interested student who has completed two years of high school laboratory science. The course is intended to provide students with the principles, concepts and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental issues, evaluate risks associated with the problems, and to examine alternative solutions for resolving or preventing them.

Topics include: Earth systems and resources, The Living World, Population, Land and Water Use, Energy Resources and Consumption, Pollution, Global Change. Laboratory and field investigation activities are part of the course. **Students are expected to take a final AP exam.**

Anatomy and Physiology Honors

Course No.: 2000360 Credit: 1.0*

Prerequisite: Meet Honors Criteria, Biology with a grade of C, and Teacher Recommendation

This course provides greater depth of topic on the structure and functions of the human body. The content includes anatomical terminology, histology, systems of the body, organization and development of living things, genetics and disease processes.

Marine Science I

Course No.: 2003390 Credit: 1.0

Prerequisite: Two science Credits

The purpose of this course is to provide an overview of the marine environment. The course content includes formations of the oceans, marine systems, interrelationships between man and the ocean environment.

Dual Enrollment

General Biology and Lab (*4 College Credits – 4 Hours*)

Course No.: BSC 1005 Credit: 1.0**



Prerequisite: Meet Honors and Dual Enrollment Criteria and Teacher Recommendation
An introduction to and application of fundamental biological concepts for non-science majors. The emphasis will be on major biological concepts such as cell structure and function, biochemistry and metabolism, genetics and the interrelationships among organisms.

Human Biology and Lab (4 College Credits – 4Hours)

Course No.: BSC 1020 Credit: 1.0**

Prerequisite: BSC1005 with a C or higher

This course is designed for students not majoring in biology. It includes the study of the human body's major organ systems and processes. Human diseases, their prevention, treatment and the bioethical issues they raise will be considered. ***If you choose to take BSC1050, BSC1020 will be taken concurrently. BSC1050 will be taken 1st semester and BSC1020 will be taken 2nd semester***

SOCIAL STUDIES

World Cultural Geography

Course No.: 2103300 Credit: 1.0

Prerequisite: None

Students develop multicultural understanding and use geographical concepts and skills to acquire information and systematically apply decision-making processes to real-life situations. They will acquire an understanding of interrelationships between people and the environment.

AP Human Geography

Course No.: 2103400 Credit: 1.0**

Prerequisite: Meet Honors Criteria and Teacher Recommendation

The purpose of this course is to enable students to develop higher levels of concepts and skills related to human geography. **Students are expected to take a final AP exam.**

World History

Course No.: 2109310 Credit: 1.0

Prerequisite: None

The purpose of this course is to enable students to understand their connections to the development of

civilizations by examining the past to prepare for their future as participating members of a global community. Students will 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.

World History Honors

Course No.: 2109320 Credit: 1.0*

Prerequisite: Meets Honors Criteria and Teacher Recommendation

The purpose of this more rigorous course is to enable students to understand their connections to the development of civilizations by examining the past to prepare for their future as participating members of a global community. Students will 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.

AP World History

Course No.: 2109420 Credit: 1.0**

Prerequisite: Meet Honors Criteria

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. **Students are expected to take a final AP exam.**

TM

United States History

Course No.: 2100310 Credit: 1.0

Prerequisite: None

The purpose of this course is to enable students to understand the development of the United States within the context of history with a major focus on the post-Reconstruction period. Students will 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.

United States History Honors

Course No.: 2100320 Credit: 1.0*

Prerequisite: Meet Honors Criteria and Teacher Recommendation

The purpose of this more rigorous course is to enable students to understand the development of the United States within the context of history with a major focus on the post-Reconstruction period.

Students will 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.

AP United States History

Course No.: 2100330 Credit: 1.0**

Prerequisite: Meet Honors Criteria, Teacher Recommendation

Students study the development of the United States within the context of history by examining connections to the past to prepare for the future.

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. **Students are expected to take a final AP exam.**

AP European History

Course No.: 2109380 Credit: 1.0**

Prerequisite: Meet Honors Criteria and Teacher Recommendation

Students will develop an understanding 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 will 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. **Students are expected to take a final AP exam.**

American Government

Course No.: 2106310 Credit: 0.5

Prerequisite: None

The purpose of this course is to enable students to gain an understanding of American government and political behavior that is essential for effective citizenship and active involvement in a democratic American society.

AP American Government and Politics

Course No.: 2106430 Credit: 0.5**

Prerequisite: Meet Honors Criteria and Teacher Recommendation

Students acquire a critical perspective of politics and government in the United States. They learn general concepts used to interpret American politics and analyze specific case studies. Students also become familiar with the various institutions, groups, beliefs and ideas that constitute the American political perspective. **Students are expected to take a final AP exam.**

AP Comparative Government and Politics

Course No.: 2106430

Credit: 0.5**

Prerequisite: Meet Honors Criteria and Teacher Recommendation

Students gain knowledge of the world's diverse political structures and practices through the study of government and politics in Great Britain, France, the Commonwealth of Independent States, China and developing nations. Emphasis is placed on general concepts used to interpret key political relationships found in national politics. **Students are expected to take two final AP exams. If you choose to take AP Comparative Government and Politics you will also take AP American Government and Politics concurrently.**

AP Psychology

Course No.: 2107350 Credit: 1.0**

Prerequisite: Meet Honors Criteria

Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavior interaction and the progressive development of individuals. This course prepares students to understand their own behavior and the

behavior of others. **Students are expected to take a final AP exam**

Economics with Financial Literacy

Course No.: 2102335 Credit: 0.5

Prerequisite: None

The primary content emphasis for this course pertains to the study of the concepts and processes of the national and international economic systems. Content should include, but is not limited to, currency, banking, and monetary policy, the fundamental concepts relevant to the major economic systems, the global market and economy, major economic theories and economists, the role and influence of the government and fiscal policies, economic measurements, tools, and methodology, financial and investment markets, and the business cycle.

Economics with Financial Literacy Honors

Course No.: 2102345 Credit: 0.5*

Prerequisite: Meet Honors Criteria, Teacher Recommendation

The primary content emphasis for this course pertains to the study of the concepts and processes of the national and international economic systems. Content should include, but is not limited to, currency, banking, and monetary policy, the fundamental concepts relevant to the major economic systems, the global market and economy, major economic theories and economists, the role and influence of the government and fiscal policies, economic measurements, tools, and methodology, financial and investment markets, and the business cycle.

AP Microeconomics

Course No.: 2102360 Credit: 0.5**

Prerequisite: Meet Honors Criteria, Teacher Recommendation

The purpose of this course is to have students learn about the factors that influence the economic system.

Students are expected to take a final AP exam.

AP Macroeconomics

Course No.: 2102370 Credit: 0.5**

Prerequisite: Meet Honors Criteria, Algebra II, Teacher Recommendation

Students study the choices they must make as producers, consumers, investors and taxpayers. The study of economics provides students with the knowledge and decision-making tools necessary for understanding how a society must organize its limited resources to satisfy its unlimited wants.

Students are expected to take a final AP exam.

Sociology

Course No.: 2108300 Credit: 0.5

Through the study of sociology, students acquire an understanding of group interaction and its impact on individuals in order that they may have a greater awareness of the beliefs, values and behavior patterns of others. In an increasingly interdependent world, students need to recognize how group behavior affects both the individual and society.

Psychology 1

Course No.: 2107300 Credit: 0.5

Prerequisite: 1.5 Credits in Social Science

Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavior interaction and the progressive development of individuals. This course prepares students to understand their own behavior and the behavior of others.

If you choose to take Sociology, Psychology 1 will be taken concurrently. Sociology will be taken 1st semester and Psychology 1 will be taken 2nd semester.

Dual Enrollment

United States Federal Government (3 College Credits – 3 Hours)

Course No.: POS 1041 Credit: 0.5**

Prerequisite: Meet Honors and Dual Enrollment Criteria

Basic aspects of the Federal Government are studied. Emphasis is placed on content and interpretation of the Constitution, Federalism, the Congress, the Presidency, and the Federal Court System as related to current problems in civil rights, economics, and foreign policy. The input of mechanisms and institutions such as voters, public opinion, interest groups and political parties are analyzed.

United States State and Local Government (3

College Credits – 3 Hours)

Course No.: POS1112 Credit: 0.5**

Prerequisite: POS1041 with a C or higher

Activities and functions of state, regional, county, city, and special district governments are studied.

Florida's constitution and structure, parties, politics, elections, interest/ethnic groups, public opinion and governmental services are examined and compared with those of other states in the US. Important environmental and growth management problems are analyzed. **If you choose to take POS1041,**

POS1112 will be taken concurrently. POS1041 will be taken 1st semester and POS1112 will be taken 2nd semester

College Success Skills (3 College Credits- 3 Hours)

Course No.: SLS1101 Credit: 0.5** A

course designed to teach students the behaviors consistent with success in academic settings.

Opportunity is provided via lecture, individual and group activities, and tests for learning and practicing effective ways of coping with the demands of college life. Topics include note and test-taking strategies, active listening skills, reading strategies, mnemonics, proper management of time and money, goal setting, awareness of resources, and positive attitude development

Life and Career Development (3 College Credits- 3 Hours)

Course No.: SLS1301 Credit: 0.5** A

course designed to teach students the behaviors consistent with success in academic settings.

Opportunity is provided via lecture, individual and group activities, and tests for learning and practicing effective ways of coping with the demands of college life. Topics include note and test-taking strategies, active listening skills, reading strategies, mnemonics, proper management of time and money, goal setting, awareness of resources, and positive attitude development. This course may not be used for social science credit. **If you choose to take SLS1101, SLS1301 will be taken concurrently. SLS1101 will**

be taken 1st semester and SLS1301 will be taken 2nd semester

World Language

American Sign Language I

Course No.: 0717300 Credit: 1.0

Prerequisite: Middle School Teacher Recommendation or Successful Completion of English 1.

The purpose of this course is to teach hearing students basic conversational skills an American Sign Language (ASL) and awareness of various aspects of deafness. ASL I may be substituted for the foreign language university requirement.

American Sign Language 2

Course No.: 0717310 Credit: 1.0

Prerequisite: ASL I and Teacher Recommendation.

The purpose of this course is to further develop students' knowledge of American Sign Language (ASL). ASL II may be substituted for the foreign language university requirement.

American Sign Language III Honors

Course No.: 0717312 Credit: 1.0*

Prerequisite: ASL II and Teacher Recommendation.

The purpose of this course is to prepare a hearing student, who has successfully completed ASL I and II, with information and advanced skill development in ASL. This new information and advanced skill will prepare the student to sit for the State of Florida Quality Assurance (QA) exam. The content shall include specialized vocabulary (medical, legal, education, etc.), grammatical features of ASL, receptive and expressive skill development.

American Sign Language IV Honors

Course No.: 0717314 Credit: 1.0*

Prerequisite: ASL III and Teacher Recommendation.

The purpose of this course is to enable student to further develop advanced skills in American Sign Language through a linguistic, communicative, and cultural approach to language acquisition. Emphasis is placed on receptive and expressive signing, applied

grammar, cross-cultural understanding, and real-life applications.

Spanish I

Course No.: 0708340 Credit: 1.0

Prerequisite: Middle School Teacher Recommendation or Successful Completion of English 1.

The purpose of this course is to enable students to begin to acquire proficiency in Spanish through a linguistic, communicative and cultural approach to language learning. Emphasis is placed on the development of listening, speaking, reading and writing skills and on acquisition of the fundamentals of applied grammar. Cross-cultural understanding is fostered, and real-life applications are emphasized throughout the course.

Spanish II

Course No.: 0708350 Credit: 1.0

Prerequisite: Spanish I and Teacher Recommendation

The purpose of this course is to enable students to enhance proficiency in Spanish through a linguistic, communicative and cultural approach to language learning. There is continued emphasis on the development of listening, speaking, reading and writing skills and on acquisition of the fundamentals of applied grammar. Cross-cultural understanding is fostered, and real-life applications are emphasized throughout the course.

Spanish III Honors

Course No.: 0708360 Credit: 1.0*

Prerequisite: Spanish II and Teacher Recommendation

The purpose of this course is to strengthen the student's proficiency in Spanish through a linguistic, communicative and cultural approach to language learning. There is continued emphasis on the development of listening, speaking, reading and writing skills. Emphasis is placed on oral proficiency. Experiences with Spanish literature are broadened. Cross-cultural understanding is fostered,

and real-life applications are emphasized throughout the course.

Spanish IV Honors

Course No.: 0708380 Credit: 1.0*

Prerequisite: Spanish III and Teacher Recommendation

Spanish 4 expands the skills acquired by the students in Spanish 3. Specific content includes, but is not limited to, more advanced language structures and idiomatic expressions, with emphasis on conversational skills. There is additional growth in vocabulary for practical purposes, including writing. Reading selections are varied and taken from the target language newspapers, magazines, and literary works.

AP Spanish Language and Culture

Course No.: 0708400 Credit: 1.0**

This course emphasizes communication (understanding and being understood by others) by applying the interpersonal, interpretive, and presentational modes of communication in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness

TM