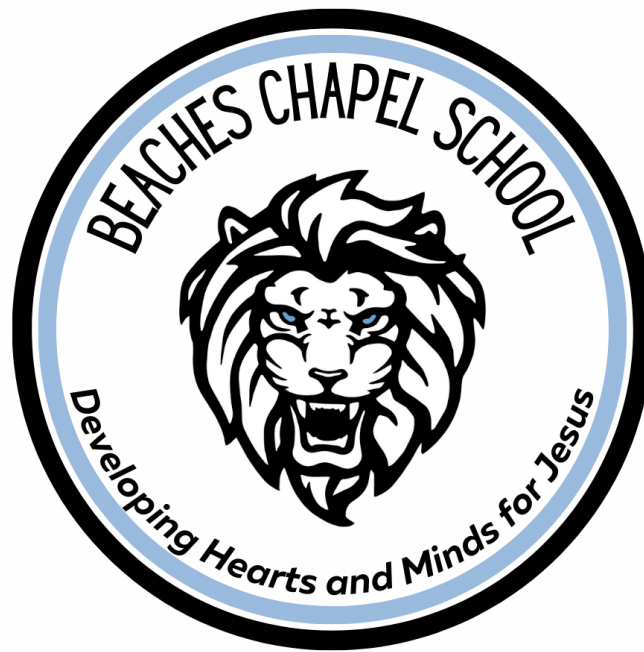


BEACHES CHAPEL HIGH SCHOOL



COURSE OFFERINGS GRADES 9 - 12 2024 – 2025

TABLE OF CONTENTS

Administration	3
About BCS	3
Mission	3
Vision	3
Enrollment & Faculty	3
Student Body	3
Membership & Accreditation	3
Class Rank	3
Beaches Chapel Graduation Requirements	4
Beaches Chapel School Academic Diploma Option	5
Beaches Chapel School Honors Diploma Option	5
Course Selection Procedures	6
Course Designations	7 - 8
Promotion Requirements	8
Beaches Chapel School Policies	9

COURSE OFFERINGS

Bible	10
Language Arts	11-13
Mathematics	14-15
Science	16-17
Social Studies	18-19
World Languages	20
Health	20
Performing/Practical Arts	21
Career & Technical Electives	22
General Electives	

ABOUT US

ADMINISTRATION

Lead Pastor: James McDonald
Principal: Allison Bass
Vice Principal: Sarah Bolin
School Counselor: Kathy McWilliams
Financial Director: Jason Myers
Director of Admissions: Jane Wilcox

ABOUT BCS

Beaches Chapel School is a private, college preparatory school founded in 1974 serving students K-12. It is located in Neptune Beach, Florida attracting students from both Duval and St. Johns County. Beaches Chapel is a small individualized academic community with one class per grade level. It provides varied levels of academic rigor and extra-curricular activities.

MISSION

Beaches Chapel School strives to build a solid academic and Christian foundation so all students can reach their full potential in spirit, mind and body.

VISION

Beaches Chapel School seeks to ensure their graduates will receive quality Christ-centered education that equips them to be a generation of Christian leaders to impact the world.

ENROLLMENT & FACULTY

Grades K-12: 241 students, Grades 9-12: 64, Grades 6-8: 54, Grades K-5: 115
The professional teaching staff totals 28 instructors and administrators, 21% holding advanced degrees.

STUDENT BODY

Beaches Chapel School's student body is 90% white, 3% biracial, 4% Hispanic, 1% African American and 1% Pacific Islander. It represents a broad range of economic, ethnic and religious backgrounds. The school welcomes all levels of academic ability, preparing each graduate to matriculate to an institution of higher education, the military or work force.

SCHOLARSHIPS

The school accepts the following scholarships: The Gardiner Scholarship, the HOPE scholarship, Step Up for Students, the Florida Tax Credit, Family Empowerment Scholarship and the FACTS scholarship.

MEMBERSHIP & ACCREDITATION

Beaches Chapel School is fully accredited by Cognia and the International League of Christian Schools. Beaches Chapel School holds athletic memberships in: Jacksonville Christian Athletic League (JCAL), Florida Christian Athletic League (FCAL), and Florida High School Athletic Association (FHSAA).

CLASS RANK

All students (9-11) are ranked at the end of their school year. All seniors are ranked at the end of 6th, 7th and 8th semesters. Weighted GPA determines rank. All Honors classes are weighted an additional .5 point. All Dual Enrollment courses are weighted one additional point.

BEACHES CHAPEL GRADUATION REQUIREMENTS

English – 4 credits

Math – 4 credits (Must include: Algebra I, Geometry, Algebra II and 1 additional math)

Science – 3 credits (Must include: Biology I and 2 physical sciences with a lab component)

Social Science – 3 credits

(Must include: World History, US History, Am Government versus comparative political ideologies which must include political ideologies, such as communism and totalitarianism, that conflict with the principles of freedom and democracy, and

Economics)

HOPE – 1 credit

Foreign Language – 2 credits (Must be consecutive in the same language)

Practical/Performing Arts – 1 credit

Elective Courses – 6 credits (May include 4 Bible credits, ½ credit in Personal Financial Literacy*)

100 Community Service hours

Unweighted GPA of no less than 2.0

g

BEACHES CHAPEL SCHOOL ACADEMIC DIPLOMA OPTION
a student must have an unweighted GPA of no less than 2.0.

Bible	4
English	4
Mathematics	4
Science	3*
Social Studies	3
HOPE	1
Performing Fine Arts	1
Foreign Language	2**
Electives	2
Personal Financial Literacy	$\frac{1}{2}$
Total Credits:	24

BEACHES CHAPEL SCHOOL HONORS DIPLOMA OPTION

(Students must have a 3.5 weighted GPA, 26 credits and have completed at least 8 Honors level or Dual Enrollment courses)

Bible	4 (count as elective)
English	4
Mathematics	4 (Algebra 1,2, Geometry and higher)
Science	4* (include Biology and Chemistry)
Social Studies	4**
HOPE	1
Performing Fine Arts	1
Foreign Language	2***
Electives	1 $\frac{1}{2}$ ****
Personal Financial Literacy	$\frac{1}{2}$ ****

Total Credits:

26

- * **including 2 lab science courses**
- ** **including American Government with Comparative Ideologies, Economics, US History, World History and any 1 additional social science course**
- *** **must include two levels of the same Foreign Language**
- **** **students entering grade 9 in 2023-2024 must earn ½ credit in Personal Financial Literacy and money management.**

COURSE SELECTION PROCEDURES

Beaches Chapel School strives to act in the best interests of their students. Beaches Chapel School believes that students should be properly placed in courses that meet the Florida State Graduation Requirements, State University System Requirements, and Bright Futures Requirements. Our goal is to have students challenge themselves while continuing to enjoy their educational experience.

STATE UNIVERSITY SYSTEMS (SUS) REQUIREMENTS

The **18 units** listed below represent the minimum **required for admission** consideration:

- 4 units of English**, at least three with writing requirements
- 4 units of Mathematics** including Algebra I, II, Geometry and higher
- 3 units of Natural Science**, at least **two with laboratory** experience
- 3 units of Social Science**
- 2 sequential units of the same World Language** or American Sign Language
- 2 elective units, preferably in the above core subject areas**

BRIGHT FUTURES SCHOLARSHIP REQUIREMENTS

16 Specific High School Core Courses

- 4 English** (3 must include substantial writing)
- 4 Math** (Algebra I and above)
- 3 Science** (2 must be lab science)
- 3 Social Science**
- 2 World Languages** (sequential, in same language)

Achieve the required **weighted grade point average** in the 16 core courses

Florida Academic Scholarship = 3.5 or higher weighted GPA

Florida Medallion Scholarship = 3.0 or higher weighted GPA

Florida Gold Seal Vocational Scholarship = 3.0 or higher weighted GPA in core courses and 3.5 unweighted GPA in 3 credits of a single career and technical program.

Achieve the required **minimum score on** either the ACT® or SAT® college entrance exam

Florida Academic Scholarship ACT/SAT required scores = 29/1330

Florida Medallion Scholarship ACT/SAT required scores = 25/1210

Florida Gold Seal Vocational Scholarship ACT/SAT required scores = Reading 19/24, Math 19/24, English 17/25

Complete the required **number of service hours**

Florida Academic Scholarship = 100 hours

Florida Medallion Scholarship = 75 hours
Florida Gold Seal Scholarship = 30 hours

COURSE DESIGNATIONS

Beaches Chapel School is preparing students for college, technical school, military and/or the world of work. Our curriculum is advanced, rigorous, and is particularly rich in its content. Beaches Chapel School uses the following designations to indicate course work level: Standard, Honors (H), Dual Enrollment (DE), and Advanced Placement (AP). Any class without an Honors or Dual Enrollment designation is not considered to be a weighted course.

STANDARD

The Standard course designation indicates that the class pace is challenging and appropriate work for a college preparatory class. The teachers of this level may take more time to explore the subject and move at a pace that meets the student's needs.

HONORS (H)

The Honors course designation indicates that the class pace is accelerated and can be more challenging and thought provoking. It is intended for advanced, ambitious students who are willing to commit to a course that compared to other high school courses may take more time, require more work, and give greater depth of material. Students enrolled in Honors (H) level courses receive an additional .5 weight towards their GPA.

ADVANCED PLACEMENT (AP)

The AP course designation indicates that the course was developed by the College Board Program. This course gives the students the opportunity to study and learn at the college level. The student must take an exam at the end of the course to earn possible college credit. Nearly all colleges and universities grant credit and/or placement using certain scores on the AP exams. Students enrolled in Advanced Placement level courses receive an additional 1.0 weight towards their GPA.

DUAL ENROLLMENT (DE)

The Dual Enrollment (DE) course designation indicates that the class pace is a rigorous learning experience giving students the opportunity to pursue college level studies either online, on the Beaches Chapel campus or on the college campus while still in secondary school. This Florida educational program allows students to earn both college credits and high school credits simultaneously. Students are creating a permanent college transcript. Students who earn a grade of "D" or "F" in one academic term will not be permitted to take Dual Enrollment classes in the subsequent term. Students will need to be self-motivated and organized.

Students must meet FSCJ's eligibility criteria for entry into this program. They must have a 3.0 unweighted GPA and passing scores on either the SAT, ACT or PERT tests.

The passing scores are as follows:

SAT Reading – 24, Math – 24, English - 25, MAC- 1105-28

PSAT Reading – 24, Math – 24, Writing - 25,

ACT Reading – 19, Math – 19, English-17, MAC1105- 23

PERT Reading 106, Math - 114, Writing – 103, MAC1105-123

Students enrolled in Dual Enrollment level courses receive an additional 1.0 weight towards their GPA. The Dual Enrollment program currently provides courses in the following areas: Communication, Humanities, Mathematics, Science and Social and Behavioral Sciences.

FLORIDA VIRTUAL SCHOOL (FLVS)

FLVS is a fully accredited online education. It allows students the flexibility to work on the selected course during a designated lab time in the school day. It provides a way for students to get ahead, stay on target, or get back on track. Students may enroll in one course at a time with counselor approval.

COURSE SELECTION:

Counselor advisory lessons will take place in 6-12 grades during Spring Semester. Students will receive important information that can be used to assist with the course selection process. Individualized *Course Selection Forms* and instructions will also be distributed at this time. Students should bring this information home to parents and discuss their post-high school goals and develop a plan of study that aligns with these goals. To complete the course request, students should select their desired coursework on the form. The counselor will be available to meet with each student individually to finalize their course selection form.

COURSE CHANGE REQUESTS:

Students may add or drop a class within approximately the first two weeks of school. Students must complete the “Drop/Add Form” which can be picked up in the Counseling Office. Parent signature is required. **NOTE:** If approved, every effort will be made to complete course change request. However, not all changes can be accommodated due to scheduling conflicts, class sizes, or a change in course offerings. Please note that every course listed in the Beaches Chapel School *Curriculum Guide* may not be offered every academic year. Course offerings for any given year are determined by the number of students requesting entrance to specific classes. Classes that have less than five students requesting entrance may not be offered.

COURSE RECOVERY POLICY:

Beaches Chapel School students who receive a D or F in a semester grade will have the opportunity to recover the grade. They may utilize Florida Virtual School (FLVS) or an approved accredited public or private summer school.

SUMMER SCHOOL POLICY:

We determine summer grade recovery eligibility, awarding of credits, and eligibility to return to Beaches Chapel School by semester averages. Though each student’s academic situation is unique, please note the following policies:

- Students will be counseled as to their individual options and what classes take precedence over another with regard to grade recovery.
- Students must successfully complete summer grade recovery if they receive an F in a core course for any semester grade.
- Students must successfully complete summer grade recovery if they receive a semester grade of D in more than two classes to maintain a graduation GPA.

PROMOTION REQUIREMENTS

The student progression from one grade to another in Upper School is based on proficiency in the core subjects, total number of credits earned and grade point average. Core subjects are language arts, mathematics, science, social studies, and world languages. Each school has specific requirements below.

PROMOTIONAL REQUIREMENTS FOR MIDDLE SCHOOL

In order to be promoted to the next grade level in middle school, the student must successfully pass all four core courses (language arts, mathematics, science and social studies) each year. If a student does not successfully pass a core course, they may recover the course during the summer through FLVS or an approved private or public summer school to meet the requirements for promotion.

At the **end of the 8th grade**, each student must have passed a **total of 12 core courses** to be promoted to high school.

PROMOTIONAL REQUIREMENTS FOR HIGH SCHOOL

Each year, a high school student will be promoted to the next grade level if they successfully have earned the following credits and grade point average (GPA):

5 credits (including 1 English and 1 Math credit) will promote from **9th grade to 10th grade**

12 credits (including 2 English and 2 Math credits) will promote from **10th grade to 11th grade**

18 credits (including 3 English and 3 Math credits) and a 1.8 GPA will promote from **11th grade to 12th grade**

If a high school student needs to recover a course for either credit or improving grade point average, they may use FLVS with guidance approval or attendance approved public or private summer school.

BEACHES CHAPEL SCHOOL POLICIES

BEACHES CHAPEL SCHOOL'S SEMESTER SYSTEM OF GRADING & GRADING SCALE

Following the lead of many colleges and college prep high schools, Beaches Chapel School calculates GPA by Semester 1 and Semester 2 grades rather than by the year end average. This is a more accurate way to determine GPA and a better representation of our students' performance.

Beaches Chapel School grading scale is as follows:

A = 90-100

B = 80-89

C = 70-79

D = 60-69

F = Below 60

THE WEIGHT OF BEACHES CHAPEL SCHOOL'S COURSE OFFERINGS

Beaches Chapel School currently weights their courses in the following way: Honors +.5, AP +1.0, and Dual Enrollment +1.0 and standard courses have no additional weight. **Please note colleges, universities, and other entities evaluating grades will have their own weighting system and will recalculate your GPA.**

TRANSFERRING COURSEWORK

In the event that a student transfers from Beaches Chapel School to a Florida public school during their middle or high school tenure, the student will be required to take the following End of Course (EOC) assessments at their new public school in order to obtain credit for these courses: Algebra I, Biology I, Geometry, Algebra II, and U.S. History. EOC assessments are computer-based, criterion-referenced assessments that measure the Florida Standards (FS). For more information, please visit the assessments page on the Florida Department of Education website.

BEACHES CHAPEL PLAGIARISM AND CHEATING POLICY

Beaches Chapel School educates all high school students in appropriate conduct and discipline policies. At the beginning of each school year, the Dean of Students reviews the Student/Faculty Handbook and discusses the Plagiarism and Cheating Policy. All students and their parents must sign an Acknowledgement Form that they have read and understand all policies. Cheating, plagiarism, dishonesty and lying may result in prolonged suspension or dismissal.

COMMUNITY SERVICE GUIDELINES

Beaches Chapel School requires 100 documented community service hours for graduation. It is advised that Juniors have 75 hours documented through the school counseling office by the end of their junior year. Parents will be notified if their student has not met this benchmark. Any student who does not have 100 documented community service hours by May 1st of their senior year, will be in danger of not walking at commencement ceremonies. Please come to the Guidance Office for community service guidelines regarding acceptable forms of service.

BIBLE

BIBLE I: – 1 Bible Credit – Year Course

The purpose of this course is for the student to come to know and understand the life of Jesus and why He created us and the desire He has for us to live in a relationship with Him. This course will make God's word come alive, be a good experience and become effective in the student's everyday life.

BIBLE II: – 1 Bible Credit – Year Course

The purpose of this course is to give a new perspective to the Bible. The course will debate the viewpoint of the Bible being boring and outdated. It will take in depth looks at major characters in the Old and New Testament. These true accounts will come alive in a way that students have never experienced before. It is a discussion based class so a participation grade is important.

BIBLE III: – 1 Bible Credit – Year Course

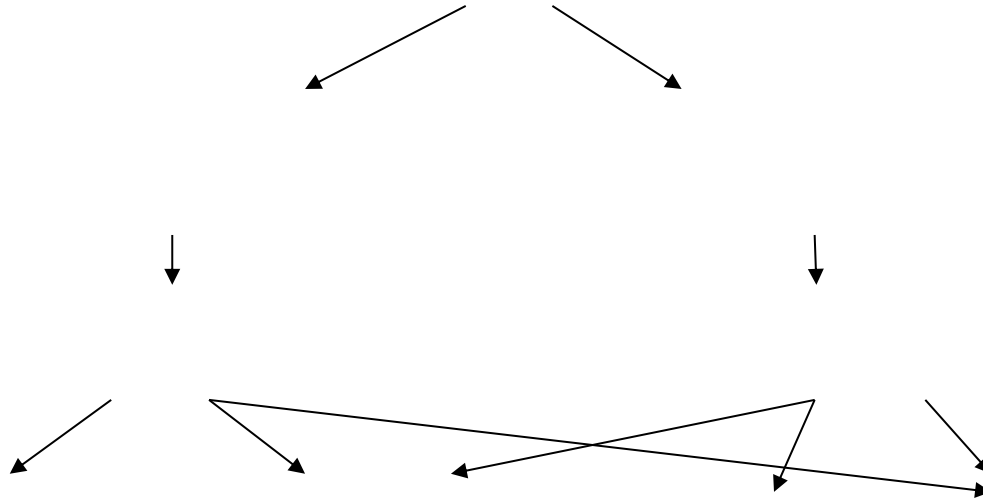
Semester 1 - The purpose of this course is twofold: First, to prepare each student to enter adulthood with a solid understanding of the life and character of Jesus Christ and His desire for a personal relationship with each of them. And secondly, to give them an understanding of how His life and teaching provide the foundational principles of Christianity and a Christian worldview. While much of the course will rely on New Testament scriptures, study of Old Testament verses will be essential for a complete understanding of the New Testament church.

BIBLE IV: – 1 Bible Credit – Year Course

Bible III is divided into two different topics, Apologetics and Worldview. The first semester discusses Christian Apologetics and will provide students with evidence for the existence of God and the Christian Faith. Armed with this evidence students will have objective reasons for belief in the truths in the Bible and our Lord Jesus Christ. In addition, students will be able to respond to objection and skepticism pertaining to Christianity. In the Second Semester– Christian Worldview, a survey of competing worldviews: Christianity, Islam, New Spirituality, Secularism, Marxism, and Post Modernism is taught. Students will study and evaluate these competing worldviews to determine which one is true to the exclusion of all others.

English I
English I (H)

LANGUAGE ARTS



ENGLISH I: – 1 English Credit – Year Course

This course focuses on the concept of coming of age and presenting a traditional genre study. Units begin with introductions to the idea of coming of age, then follow this topic within the genres of short stories, poetry, drama, film, nonfiction, and a novel that presents incidents that are significant milestones in young readers’ lives. Specific elements of genre study and writing skills are emphasized. Students are expected to learn and apply reading, writing, oral, and collaborative strategies that align to the Language Arts Florida Standards in their own learning styles, strengths, and weaknesses.

ENGLISH I HONORS: – 1 English Credit – Year Course

The English I Honors program is intended for those students who are highly motivated and exhibit exceptional talent in the English Language Arts. While the content included in the Honors level curriculum follows the Language Arts Florida Standards, the level, depth, and breath of performance is significantly increased. To better prepare students for future Language and Literature classes, additional novels and non-fiction pieces are read and annotated for literary merit. Aligning with the Language Arts Florida Standards, emphasis is placed on writing instruction, reading strategies, and vocabulary development, as well as computer and technology skills. Honors students are also assigned outside novels to be read independently. Students are tested on these novels, and work is submitted for evaluation.

ENGLISH II: – 1 English Credit – Year Course

Prerequisite: English I

The units focus on world literature to broaden the high school student's literary landscape. Units that align with the Language Arts Florida Standards begin with an investigation of culture, working towards a definition and understanding of similarities and differences among human culture as represented in literature, media, and nonfiction from around the world. Students read widely and deeply and are asked to write about and research ways cultures communicate and conflicts that sometimes arise between cultures.

ENGLISH II HONORS: – 1 English Credit – Year Course

Prerequisite: English I

While the content in the English II Honors curriculum may appear similar in the areas of reading, writing, speaking and listening, the curriculum is elevated to include reading and interpretation of classical novels and critical and analytical written literary responses as well as non-fiction (informational) texts. Honors students are also assigned outside novels to be read independently. Students are tested on these novels, and work is submitted for evaluation.

ENGLISH III: – 1 English Credit – Year Course

Prerequisite: English II

The units center on the investigation of the American dream and align with the Language Arts Florida Standards. Students read and think about important questions presented in American literature – questions about freedom and justice and the pursuit of happiness. Students read longer works of fiction and non-fiction, honing their skills of analysis, synthesis and evaluation. Academic writing and analysis grows out of the reading and thinking about ideas presented in the units. Students move toward creating assessment portfolios that emphasize self-assessment in relation to standards and growth in skills.

ENGLISH III HONORS: – 1 English Credit – Year Course

The purpose of this course is to provide integrated educational experiences in the language arts strands of reading, writing, listening, viewing, speaking, language, and literature. The content that aligns with the Language Arts Florida Standards includes: using writing processes for various purposes with attention to style and format, using the research process and individual inquiry to locate, analyze, and evaluate information, using effective listening, speaking, and viewing strategies in informal and formal situations, and understanding and analyzing of literary texts. Honors students are also assigned outside novels to be read independently. Students are tested on these novels, and work is submitted for evaluation.

ENGLISH IV: – 1 English Credit – Year Course

Prerequisite: English III

Units introduce and explore literary theories and multiple perspectives. Throughout the year, students are introduced to archetypal, historical, reader response, and cultural criticism. Applying new perspectives to both familiar and unfamiliar texts enables students to consider carefully the concept of truth as it is presented in literature, film, nonfiction texts, and drama.

ENGLISH IV HONORS: –1 English Credit – Year Course

While the content included in the Honors Level curriculum follows the Language Arts Florida Standards, the level, depth, and breath of performance is significantly increased. Units introduce and explore literary theories and multiple perspectives. Throughout the year, students are introduced to archetypal, historical, reader response, and cultural criticism. Applying new perspectives to both familiar and unfamiliar texts enables students to consider carefully the concept of truth as it is presented in literature, film, nonfiction texts, and drama.

Honors students are also assigned outside novels to be read independently. Students are tested on these novels, and work is submitted for evaluation.

ENC 1101 – ENGLISH COMPOSITION Dual Enrollment – 1 Credit – Semester Course

Prerequisite: Must meet criteria for eligibility for FSCJ Dual Enrollment Program (Satisfactory score on SAT, ACT, PERT, and/or Accuplacer and Cumulative unweighted GPA of 3.0)

This course embodies the fundamentals of effective expression with emphasis on the various forms of expository writing, logical and imaginative thinking, and reading for understanding. The course provides instruction in sentence structure, diction, organization of short essays and correct usage of standard American English. An APA research paper is required. Three college credits may be earned. This course may be offered on the FSCJ campus.

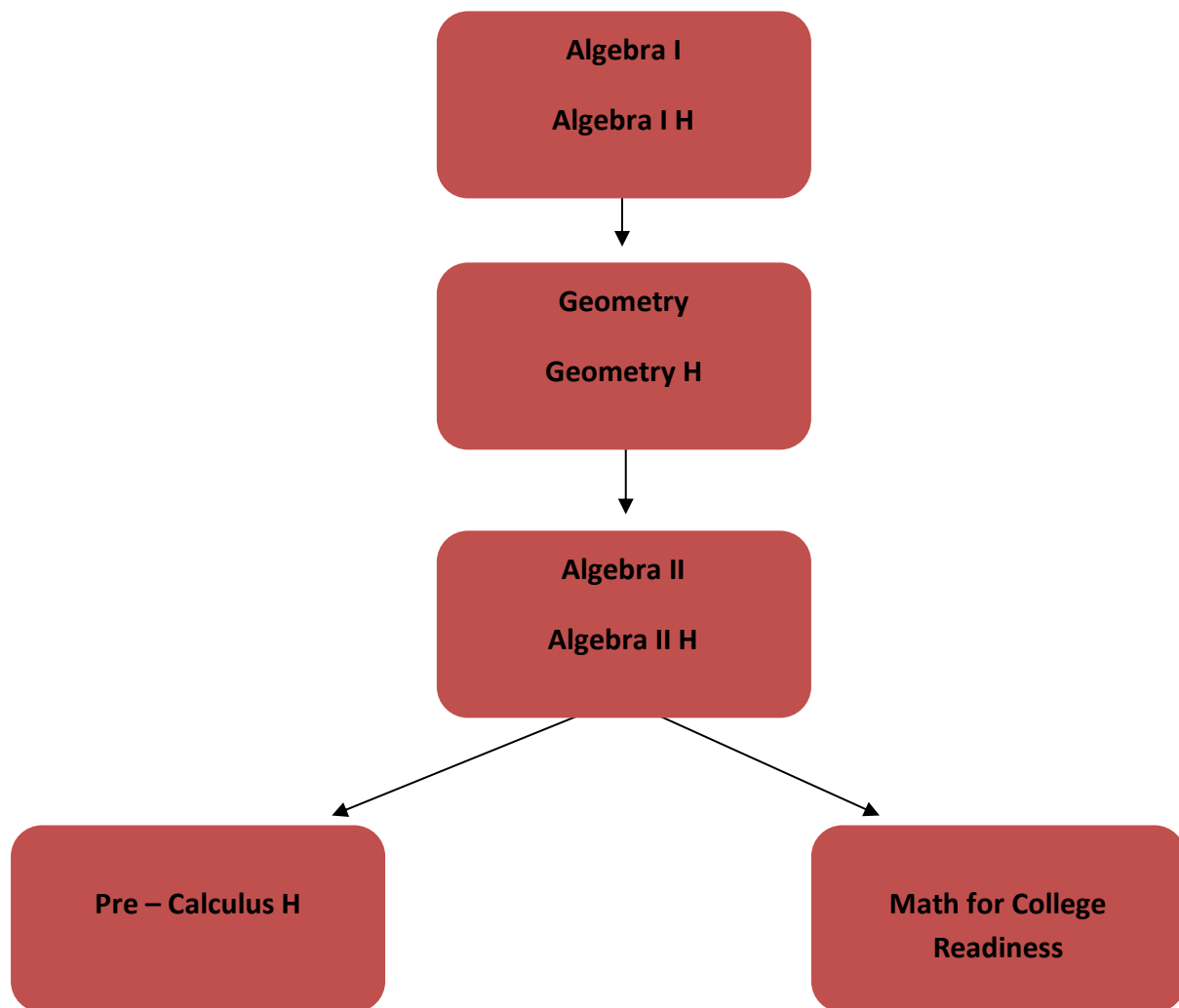
LIT 2000 – INTRODUCTION TO LITERATURE: Writing about Fiction Dual Enrollment

1 Credit – Semester Course

Prerequisite: ENC 1101 with a grade of “C” or better.

This course is designed to enhance personal appreciation of literature, hone critical thinking skills, and provide instruction in the MLA research paper. Introduction to Literature: Writing About Fiction presents the major literary forms, skills in reading and writing about literature, their distinctive characteristics and conventions, principal literary themes, and different critical approaches. This introductory course prepares students for further literary study. This course includes reading, speaking and writing competencies. An MLA research paper is required Three college credits may be earned. This course may be offered on the FSCJ campus.

MATHEMATICS



ALGEBRA I: The fundamental purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. The critical areas, called topics, deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions.

ALGEBRA I HONORS: The fundamental purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. The critical areas, called topics, deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. Honors students will be solving more complex problems than would be expected of a student in the standard course as well as covering topics not included in the standard course content.

GEOMETRY: The fundamental purpose of the course in Geometry is to formalize and extend students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. The course stresses continuous use of algebraic skills with attention to the concept of proofs dealing with points, lines, planes, and angles.

GEOMETRY HONORS: The fundamental purpose of the course in Geometry is to formalize and extend students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. The course stresses continuous use of algebraic skills with attention to the concept of proofs dealing with points, lines, planes, and angles. Honors students will be solving more complex problems than would be expected of a student in the standard course as well as covering topics not included in the standard course content.

ALGEBRA II: Building on their work with linear, quadratic, and exponential functions, students extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms.

ALGEBRA II HONORS: Building on their work with linear, quadratic, and exponential functions, students extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. Honors students will be solving more complex problems than would be expected of a student in the standard course as well as covering topics not included in the standard course content.

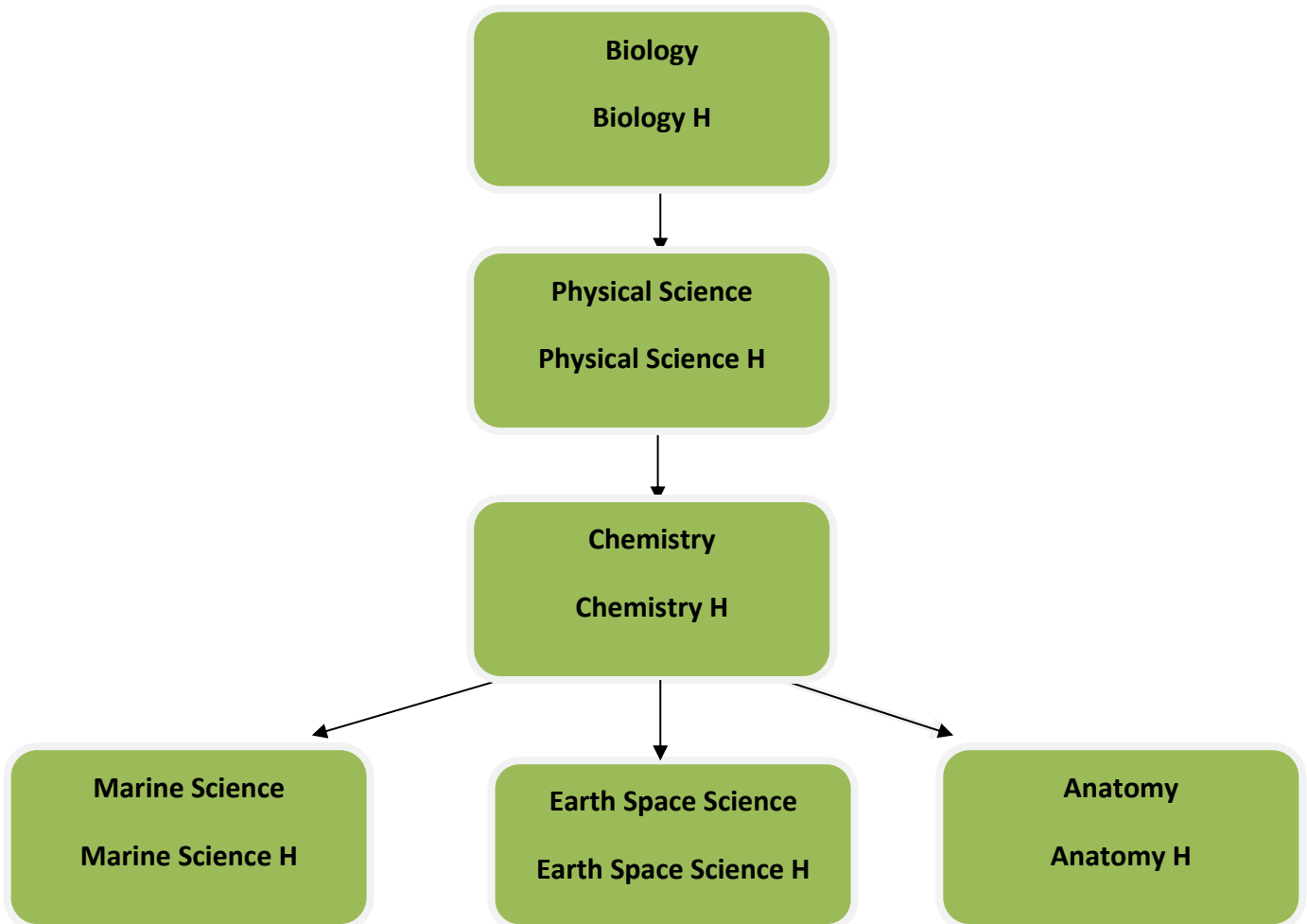
MATH FOR COLLEGE READINESS – 1 Math Credit – Year Course

The first weeks build the skill assessed in the Florida PERT assessment (FSCJ post-secondary entrance test). This course incorporates the Florida Standards for Mathematical Content: Expressions and Equations, the Number

System, Functions, Algebra, Geometry, Number and Quantity, Statistics and Probability, and the Florida Standards for High School Modeling. The benchmarks reflect the Florida College Competencies necessary for entry level college courses.

PRE-CALCULUS HONORS: This course focuses on the mastery of critical skills acquired in algebra and geometry and exposure to new skills necessary for success in subsequent math courses. Topics include linear, quadratic, exponential, logarithmic, radical, polynomial, and rational functions; systems of equations; conic sections; trigonometric ratios and functions; inverse trigonometric functions; applications of trigonometry, including vectors and laws of cosine and sine; polar functions and notation; the arithmetic of complex numbers; and an introduction to limits.

SCIENCE



BIOLOGY I – 1 Science Credit – Year Course

This is the introductory course in Biology with an in-depth study of living things. Topics that are covered include: introductory organic and biochemistry, cell biology, photosynthesis and respirations, DNA, RNA and protein synthesis, mitosis and meiosis, classical and molecular genetics, ecology, taxonomy, and surveys of major plant and animal groups, and studies of human body systems. An extensive laboratory component accompanies the study topics and focuses on observation skills, collection and analysis of data and use of laboratory equipment, especially the microscope. This course lays a good foundation that will prepare the student for further science studies in high school or college.

BIOLOGY I HONORS– 1 Science Credit – Year Course

This is the Honors course in Biology with an in-depth study of living things that cover the topics listed in Biology I. This is an advanced version of the course that features more rigorous assessment and requires a research project or paper .

PHYSICAL SCIENCE– 1 Science Credit – Year Course

This course introduces the student to the basic principles of Physics and Chemistry. It covers the foundational understanding of the world of matter, energy and the natural world science that is behind technologies that are a part of our daily lives. Topics include: motion, force, work, energy, waves, matter, atoms, electricity, and magnetism.

PHYSICAL SCIENCE HONORS– 1 Science Credit – Year Course

This is the Honors course in Physical Science with an in-depth study of Physics and Chemistry. This is an advanced course requiring a project or paper also. These students take more rigorous assessments than the standard students.

CHEMISTRY I – 1 Science Credit – Year Course

Course material requires application of well-developed analytical skills. This course is designed to provide a foundation in Chemistry knowledge and skill.

CHEMISTRY I HONORS – 1 Science Credit – Year Course

Course requires application of well-developed analytical skills. This advanced course requiring a project or paper is designed to provide a foundation in chemistry knowledge and skills. A Science project is required.

MARINE SCIENCE – 1 Science Credit – Year Course

This course provides a comprehensive survey of the physical, chemical, geological, and biological aspects of the oceans. The study of the oceans incorporates elements from a wide variety of disciplines – geography, geology, chemistry, physics, astronomy, meteorology, ecology, biology, botany and zoology. Laboratory and field activities allow students to engage in scientific inquiry involving observation, recording and analysis of data and the development of skills in using experimental procedures and scientific equipment. There will also be an emphasis on the observation and identification of local flora and fauna.

MARINE SCIENCE 1 HONORS– 1 Science Credit – Year Course

The Honors course in Marine Science includes all of the topics described in Marine Science I along with more rigorous assessment and a research paper or project.

ANATOMY AND PHYSIOLOGY – 1 Science Credit – Year Course

This course in Human Anatomy and Physiology is an in-depth study of the organs and systems of the human body and their functions. This course will provide a solid foundation of essential knowledge for students who are planning to pursue a career in any medical field. This course will also be beneficial for students who go on to further study in any other branch of biological science. Topics of study include anatomical terminology, basic organic and biochemistry, cell biology, metabolic pathways, tissues, and the body's major organ systems. There is an emphasis

on hands on laboratory activities through the extensive use of microscopes for investigating cells and tissues and the use of models and dissections for the study of macroscopic structures.

ANATOMY HONORS – 1 Science Credit – Year Course

This Honors course includes all of the topics described in Anatomy and Physiology along with more rigorous assessment and the completion of a research project.

EARTH SPACE SCIENCE- 1 science credit- This course will explore earth space science concepts.

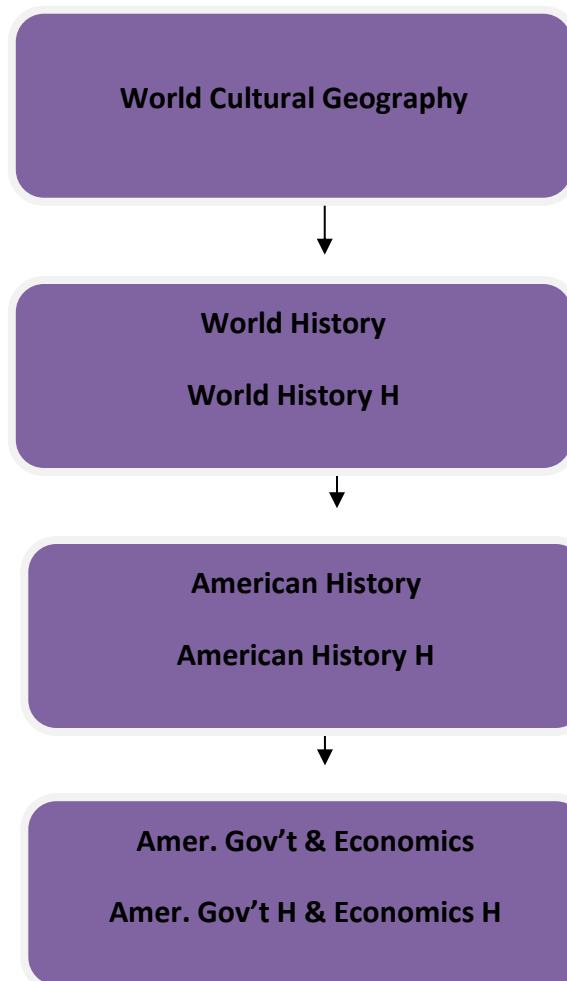
Laboratory investigations will include the use of scientific inquiry, research, measurement, problem solving.

Laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course.

EARTH SPACE SCIENCE HONORS -1 Science Credit Year Course

While the content focus of this course is consistent with the Earth Space Science course; students will explore these concepts in greater depth. The academic pace and rigor will be greatly increased for honors-level course work

SOCIAL STUDIES



WORLD CULTURAL GEOGRAPHY -1 Social Studies Credit – Year Course

This course is designed to enable the student the opportunity to understand the interrelationships between world and human geography through a Christian perspective. A variety of assessments will be utilized including testing, homework, group/individual presentations/projects along with oral and written assignments.

WORLD HISTORY -1 Social Studies Credit – Year Course

This required course is designed to provide both an understanding and appreciation of the present, in terms of the past, from ancient civilizations to modern times. Students should have the opportunity to study the history of mankind: the written record of what the human race has done with the time God has given it. A variety of assessments will be utilized including testing, current events, homework, group/ individual presentations/projects along with oral and written assignments.

WORLD HISTORY HONORS - 1 Social Studies Credit – Year Course

This required course is designed to provide both an understanding and appreciation of the present in terms of the past from ancient civilizations to modern times. Students should have the opportunity to study the history of mankind: the written record of what the human race has done with the time God has given them it. A variety of assessments will be utilized including testing, current events, homework, group/individual presentations/projects along with oral and written assignments. The honors student will analyze, synthesize, and evaluate primary and secondary historical sources at times and have a more rigorous curriculum.

AMERICAN HISTORY - 1 Social Studies Credit – Year Course

This required course will focus on the events, times, and people who developed the United States of America. They will learn the constant pulls of cause and effect in historical events, and how they affect future events.

AMERICAN HISTORY HONORS - 1 Social Studies Credit – Year Course

This required course will focus on the events, times, and people who developed the United States of America. They will learn the constant pulls of cause and effect in historical events and how they affect future events. The honors student will have a more rigorous curriculum in terms of examinations, written assignments, outside readings, and projects. The honors student will analyze, synthesize, and evaluate primary and secondary historical sources at times.

AMERICAN GOVERNMENT - ½ Social Studies Credit – Semester Course

This course is designed to provide the student with a history of the founding and framework of the American Republic, a general understanding of the U.S. Constitution, and the knowledge of the responsibilities of citizens as they are called in service to others, their nation, and themselves.

AMERICAN GOVERNMENT HONORS- ½ Social Studies Credit – Semester Course

This course is designed to provide the student with a history of the founding and framework of the American Republic, a general understanding of the U.S. Constitution, and the knowledge of the responsibilities of citizens as

they are called in service to others, their nation, and themselves. The honors student will have a more rigorous curriculum in terms of examinations, written assignments, outside readings, and projects.

ECONOMICS WITH FINANCIAL LITERACY - ½ Social Studies Credit – Semester Course

This course provides students with the opportunity to acquire an understanding of the way in which society organizes its limited resources to satisfy unlimited wants. Both microeconomics and macroeconomics are presented. Personal financial principles are taught along with the coursework.

ECONOMICS WITH FINANCIAL LITERACY HONORS - ½ Social Studies Credit – Semester Course

This course is an honors level course that provides students with the opportunity to acquire an understanding of the way in which society organizes its limited resources to satisfy unlimited wants. Personal financial principles are taught along with the coursework. The honors student will have a more rigorous curriculum in terms of examinations, written assignments, outside readings, and projects.

WORLD LANGUAGE

SPANISH I – 1 World Language Credit – Year Course

An introductory course organized primarily for teaching students to understand, read, and speak Spanish through good pronunciation, a solid vocabulary, and exposure to native speakers in authentic cultural settings.

SPANISH II – 1 World Language Credit – Year Course

Prerequisite: Spanish 1

This course continues to place primary emphasis upon the development of listening, speaking, reading, and writing Spanish. Cultural events are detailed and celebrated and provide meaningful understanding. Adequate communicative skills and proper use of grammar are heavily emphasized and enhanced through the use of various on-line instruction.

SPANISH III HONORS – 1 World Language Credit – Year Course

Prerequisite: Spanish 2

The purpose of this course is to enable students to become proficient in listening, speaking, reading, and writing, as well as Spanish Grammar skills. Students are exposed to a variety of Spanish literary genres and authors from a variety of cultural sources.

HEALTH

HEALTH OPPORTUNITIES THROUGH PHYSICAL EDUCATION (HOPE)

1 Elective Credit – Year Course

The purpose of this required course is to relate the health education components to physical education activities. The course includes health education and physical education. The course is designed to develop and enhance healthy behaviors that enhance lifestyle choices to promote health and fitness.

PERFORMING ARTS ELECTIVES

CREATING 2 DIMENSIONAL ART - ½ Practical Arts Credit

Students investigate a wide range of media and techniques, from both an historical and contemporary perspective, as they engage in the art-making processes of creating two-dimensional works, which may include drawing, painting, printmaking, and/or collage. Student artists reflect on their own artwork and that of others through critical analysis to achieve artistic goals related to craftsmanship, technique, and application of 21st-century skills. This course incorporates hands-on activities and consumption of art materials.

CREATING 3 DIMENSIONAL ART ½ Performing Fine Art Credit

Students investigate a wide range of media and techniques, from both an historical and contemporary perspective, as they engage in the art-making processes of creating 3-D artworks, which may include sculpture, assemblage, and/or ceramics. Student artists reflect on their own artwork and that of others through critical analysis to achieve artistic goals related to craftsmanship, technique, and application of 21st-century skills. This course incorporates hands-on activities and consumption of art materials.

INTRO TO ART HISTORY – ½ Performing Fine Art Credit

Students take an inquiry-based approach to exploring, researching, and analyzing works of art across time and cultures. In developing art-specific vocabulary, students explore how the structural elements of art and organizational principles of design have been used to solve artistic challenges and create meaning. Students learn to identify the functions, forms, media, styles of art, cultural ideas, and themes related to time periods and geographical places. Career options related to art history and criticism are also explored. This course incorporates hands-on activities and consumption of art materials.

ART IN WORLD CULTURE – ½ Performing Fine Art Credit

Students' survey selected works of art, utilitarian artworks, and architecture from around the world. Students explore both the traditional forms and contemporary interpretations, including analysis of purpose, theme, cultural and historical context, formal qualities, symbols, and media. Students explore and compare various cultural responses to universal themes, as evidenced in their art. Students also consider the value of preserving these works in today's

museums and other public buildings, private collections, and in digital format. This course may incorporate hands-on activities and consumption of art materials.

MUSIC OF THE WORLD – 1 Performing Fine Art

Students explore the musical traditions of 20th- and 21st-century American and global communities around the world through study of current trends, focusing on the function of music within various cultures. Students examine and report on human activities involving music, technology- and culture-related influences on music, and the sounds and structures of music composition. Public performances may serve as a resource for specific instructional goals. Students are required to attend one or more performances outside the school day to support, extend, and assess learning in the classroom.

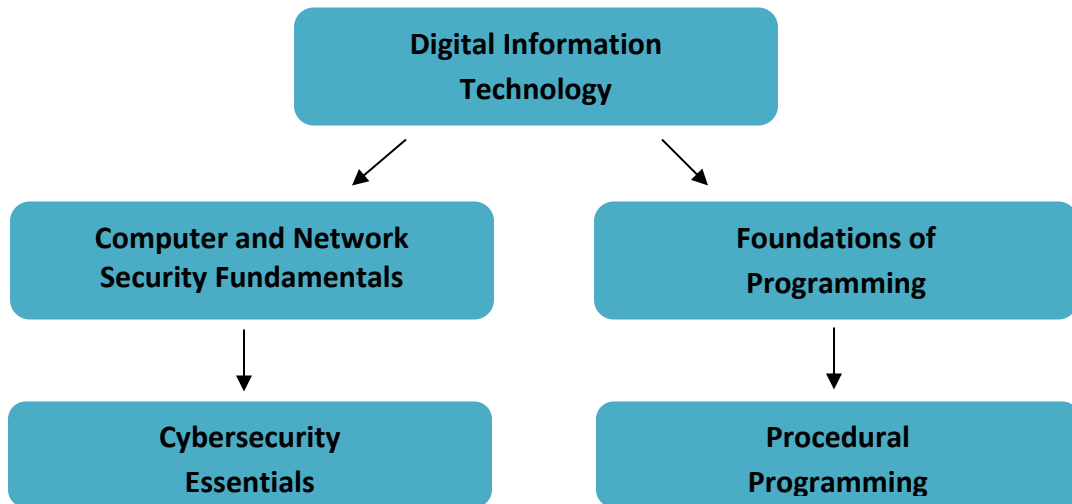
MUSIC ENSEMBLE I – 1 Performing Fine Art Credit

Students with little or no experience in a vocal or instrumental ensemble develop basic musicianship and ensemble performance skills. Student musicians focus on building foundational music techniques, literacy, listening skills, and aesthetic awareness. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend rehearsals.

MUSIC ENSEMBLE II – 1 Performing Fine Art Credit

Students develop a more advanced musicianship and ensemble performance skills. Student musicians focus on building foundational music techniques, literacy, listening skills, and aesthetic awareness. Performances may serve as a culmination of specific instructional goals. Student may be required to attend rehearsals.

CAREER AND TECHNICAL ELECTIVES



DIGITAL INFORMATION TECHNOLOGY- FLVS - 1 Practical Art Credit

This exciting course is the foundational skills needed for future careers in a variety of technological fields. You'll explore emerging technologies, digital design, Microsoft Office online applications, operating systems, and much more! This course provides practical art requirement for high school graduation, and serves as a prerequisite to and/or the Cybersecurity CTE Program of Study that can achieve a Gold Seal Scholarship.

COMPUTER & NETWORK SECURITY FUNDAMENTALS – FLVS - 1 Practical Art Credit

This course covers the fundamentals of computer safety, network security, and prevention of digital attacks. Experience a hands-on approach to security strategies and explore employment opportunities in one of the fastest-growing industries: Cybersecurity. This course provides honors-level elective credit. Digital Information

Technology, Computer Networking & Security Fundamentals, and Cybersecurity Essentials make up the Applied Cybersecurity Program of Study for the Gold Seal Scholarship. Algebra I completion is required.

CYBERSECURITY ESSENTIALS – FLVS –1 Practical Art Credit

Have you or someone you know ever had personal information compromised? This inspiring course covers defensive strategies for computer, mobile device, and network security. You'll experience a hands-on approach to security strategies, expand your computer and networking security techniques, and improve your problem-solving skills. You will also explore numerous employment opportunities and prepare for one of the fastest-growing industries: cybersecurity. This is the final course needed for the Cybersecurity Program of Study for the Gold Seal Scholarship.

FOUNDATIONS OF PROGRAMMING – FLVS – 1 Practical Art Credit –Learn the skills required to be competitive in today's high-tech workforce. This course covers the fundamentals of programming using the computer language Python. It provides you with the concepts, techniques, and processes associated with computer programming and software development. This course provides honors-level elective credit and serves as a second course in the Programming CTE Program of Study and Gold Seal Scholarship. Algebra I completion is required.

PROCEDURAL PROGRAMMING – FLVS - 1 Practical Art Credit

Do you want to learn higher-level coding skills? This course teaches advanced programming concepts using the computer language Python. You will learn techniques and processes associated with computer programming and software development. This course provides honors-level elective credit. This course is the third course needed to earn the Programming CTE Program of Study and Gold Seal Scholarship.

GENERAL ELECTIVES

SAT PREP - ½ elective credit– Semester Course – Grade 11 & 12

This course is designed to aid the students in improving their critical thinking and problem solving skills. Students will be using the College Board SAT Prep book as well as various online resources (extra in class practice and written explanations of topics covered on the SAT). Students will be given the opportunity to prepare for the PSAT given in October and will be introduced to the ACT and Accuplacer tests. These skills will also help students in other courses.

SPEECH I - ½ elective credit – Semester Course – Grade 11 & 12

The purpose of this course is to develop students' beginning awareness, understanding, and application of language arts as it applies to oral communication concepts and strategies in a variety of given settings. The content should include learning and practicing a variety of speech formats while demonstrating appropriate formal and informal public speaking techniques for audience purposes.

JOURNALISM I & II – ½ Practical Art Credit

The purpose of this course is to enable students to develop fundamental skills in the production of journalism across print, multimedia, web, and broadcast/radio platforms and develop knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media.

INTERNSHIP - ½ Elective credit – Semester Course

The purpose of this course is to provide a practical introduction to the work environment through the direct contact with professionals in the community or school setting. The content should include, but is not limited to, the following: discussion of professional job requirements, awareness and knowledge of career opportunities, building vocabulary appropriate to the area of professional interest, development of decision-making skills, development of personal and education job-related skills. **Application is required.**

BCS ONLINE LAB – 1 class period – Semester – credit earned through FLVS or DE

Student utilize this period of time to complete work for online classes for students who are registered with FLVS or in a college online dual enrollment (DE) course at FSCJ. This gives the student time during the day to complete their online class work.

SLS 1103 – STUDENT LIFE SKILLS – DUAL ENROLLMENT –½ Credit - Semester Course

This is a mandatory course for those advanced students who are interested in the FSCJ Dual Enrollment Program. All students must take this course within the first two semesters.