



Florida SouthWestern Collegiate High School-Charlotte

Course Catalog

FSWC-Charlotte is a free, public charter high school affiliated with Florida SouthWestern State College.

English

English I Honors-1001320 (1.0)

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 should include, but not be limited to, using reading strategies to construct meaning from informative, technical, and literary texts; acquiring an extensive vocabulary through reading, discussion, listening, and systematic word study; using process writing strategies, student inquiry, and self-monitoring techniques; using speaking, listening, and viewing strategies in formal presentations and informal discussions; understanding and responding to a variety of literary forms; understanding and using language successfully to impact readers, writers, listeners, speakers, and viewers.

English II Honors-1001350 (1.0)

This course will build on the skills learned in English I with a focus on preparing students for their college English classes through writing and literary analysis.

English III Honors-1001380 (1.0)

This course will build on the skills learned in English II Honors with a continued focus on preparing students for their college English classes through writing and literary analysis. Students in the honors course will critically analyze different genres of literature frequently.

English III-1001370 (1.0)

This course will build on the skills learned in English II Honors with a continued focus on preparing students for their college English classes through writing and literary analysis.

English IV-1001400 (1.0)

This is a survey of various genres of World and American Literature.

Speech-1007300 (0.5)

The purpose of this course is to enable students to develop fundamental skills in formal and informal oral communication through various speaking techniques. Students will perform several speeches throughout the semester in a variety of styles.

Speech II-1007310 (0.5)

The purpose of this course is for students to deepen their understanding and development in formal and informal oral communication through various speaking techniques. Students will perform several speeches throughout the semester in a variety of styles.

Comprehensive Theatre-0400450 (1.0)

The purpose of this course is to enable students to develop and synthesize fundamental elements of theatre arts into final production using varied media, techniques, and processes.

Digital Publishing-1006300 (1.0) (Yearbook) (Must apply)

The purpose of this course is to advance the students skills in the production of print or electronic journalistic media and create the school yearbook while using photography and creative writing.

Writing for College Success-1009370 (0.5)

This course is devised as a writing workshop and will explore writing in various forms such as: film analysis, personal profiles and narratives, persuasive, narrative, descriptive, and definition style essays.

According to William Stafford, “A writer is not so much someone who has something to say as he is someone who has found a process that will bring about new things he would not have thought of if he had not started to say them.” Together we will find and refine that process so we can begin saying what we think and believe – in *writing*.

Creative Writing-1009320 (0.5)

Creative writing is designed for students who want to expand their writing abilities as well as be able to use their creative license. The students write daily in their Creative Journals as well as trying their hand at different writing genres such as realistic fiction, historical fiction, horror writing, fantasy/science fiction etc. Goals will be met throughout the semester through their daily writing, creating story outlines, peer editing, re-writing, critiquing, and reading well-known and not so well-known authors.

Intensive Reading-1000410 (1.0-2.0-FCAT Levels 1 and 2)

The purpose of this course is to provide instruction that enables students to develop and strengthen reading skills and develop independent reading endurance.

Social Studies

East/West Heritage Honors-2100460 (1.0)

The purpose of this course is to enable students to understand the development of the world community within the context of history by examining connections to the past to prepare for the future as participating members of a global society.

World History Honors-2109320 (1.0)

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.

U.S. History Honors-2100320 (1.0)

The content of the United States History course primarily consists of United States history from Reconstruction to the present day. Students will be exposed to the historical, geographic, political, economic, and sociological events which influenced the development of the United States and the resulting impact on world history. So that students can clearly see the relationship between cause and effect in historical events, students will also have the opportunity to review the fundamental ideas and events which occurred before the end of Reconstruction.

U.S. History-2100310 (1.0)

The U.S. History Honors course offers scaffolded learning opportunities for students to develop the critical skills of analysis, synthesis, and evaluation in a more rigorous and reflective academic setting from Reconstruction to the present day.

Economics-2102310 (0.5)

This course will prepare students to master fundamental economic concepts, applying the tools (graphs, statistics, equations) from other subject areas to the understanding of operations and institutions of economic systems. Students will study the basic economic principles of micro and macroeconomics, international economics, comparative economics systems, measurement and methods.

American Government-2106310 (0.5)

This course focuses on the United States' founding principles and beliefs. Students will study the

structure, functions, and powers of government at the national, state, and local levels. Content will include factors that influence U.S. Government. This course prepares students to become responsible/aware members of American society.

International Relations-2106440 (0.5)

This course is designed with a focus on current events. Students also learn to function effectively in a global community, understanding the nature of the modern national state, national goals, and how nations communicate and negotiate to facilitate these goals.

Law Studies-2106350 (0.5)

Students learn that the American legal system is the foundation of American society. In order to function effectively, students examine those laws which have an impact on citizens' lives and are provided with an introduction to fundamental civil and criminal justice procedures.

Psychology-2107300 (0.5)

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 will better prepare them to understand their own behavior and the behavior of others.

Global Studies-2104320 (0.5)

Global Studies provides students with interdisciplinary knowledge, skills and attitudes necessary to meet responsibilities as citizens of their community, state and nation and prepares them to live in an increasingly interdependent and complex global society. The course will also delve into the many areas of Human Geography.

Sociology-2108300 (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.

Mathematics

Algebra I Honors-1200320 (1.0)

This course examines the basic structure of real numbers, algebraic expressions, and functions. The topics studied are linear equations, inequalities, functions and systems, quadratic equations and functions, polynomial expressions, data analysis, probability, and the elementary properties of functions.

Geometry Honors-1206320 (1.0)

Students study Geometry as a mathematical system through the deductive development of relationships in the plane and space developed intuitively in previous years. Students study congruent segments and angles, circle chords, secants and tangent segments, parallel and perpendicular lines, angle measure in triangles, direct and indirect triangle congruence and similarity, proofs, solids of revolution, logic, similar triangles, transformations, the Pythagorean Theorem, geometric constructions, coordinate geometry, and surface area and volume of solids.

Algebra II Honors-1200340 (1.0)

Algebra II with Analysis is an intensive, accelerated course intended to prepare students for advanced mathematics courses. Algebra 2 with Analysis focuses on the use of technology and data analysis to

develop students' thinking, problem-solving, and communication skills. Properties, applications, algebra, and parametric representation of functions; matrix algorithms; and linear, quadratic, radical, exponential, logarithmic, polynomial, and rational functions are studied. Data analysis techniques include the use of re-expression and residuals to find and verify best-fit rules. Applications as well as the properties relevant to advanced mathematics also are studied.

Advanced Algebra with Financial Applications-1200500 (1.0)

This course is designed to provide students with an opportunity to utilize advanced algebraic concepts when solving problems involving real-world applications in the area of finance. Topics include: linear and exponential relationships, recursive and iterative thinking, presenting, interpreting and analyzing data.

Math for College Readiness-1200700 (1.0)

This course incorporates the Common Core Standards for Mathematical Practices as well as the following Common Core Standards for Mathematical Content: Expressions and Equations, The Number System, Functions, Algebra, Geometry, Number and Quantity, Statistics and Probability, and the Common Core Standards for High School Modeling. The standards align with the Mathematics Postsecondary Readiness Competencies deemed necessary for entry-level college courses.

Science

Biology I Honors-2000320 (1.0)

The purpose of this course is to provide opportunities to explore the life sciences through classroom and laboratory activities and careful observation of the living world around us, leading to a better understanding of our own bodies, other living organisms, and the relationships among living organisms and their environment.

Chemistry I Honors-2003350 (1.0)

The purpose of this course is to study the composition, properties, and changes associated with matter, and their applications. Laboratory investigations, which include the use of scientific methods, measurement, laboratory apparatus, and safety procedures, are an integral part of this course. This course also includes the use of mathematical processes, graphical representation, and data analysis.

Marine Science Honors-2002510 (1.0)

The purpose of this rigorous, multidisciplinary course is to introduce students to the marine and estuarine environments. Students will learn how the geological processes influence and shape the marine environment and how chemical and physical processes affect living organisms within this vast environment.

Anatomy and Physiology Honors-2000360 (1.0)

This course explores the relationships between the human body's structures and function. Students will gain knowledge of the major organ systems, cells, and tissues through classroom lecture, discussion, projects, and lab activities. Laboratory activities will include dissections of non-mammalian and mammalian (fetal pigs) tissues, organs, or full specimens. Alternative activities, including virtual dissections, will be offered to those choosing to do so. This honors-level course will include more in-depth physiological lab activities, analyses, and reports.

Astronomy Solar/Galactic Honors-2020910 (0.5)

This is a course that will investigate the basic aspects of astronomy, including the universe, the solar system, gravity, light etc. It will also look at major milestones and discovery's of outer space.

Physics Honors-2003390 (0.5)

Modeling Physics is a laboratory based investigations which include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course

World Languages

Spanish I-07083400

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-07083500

The purpose of this course is to continue improving the skills learned in Spanish I.

Health/Physical Education

Health Opportunities through Physical Education-HOPE-1506320 (1.0)

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

Team Sports I-1503350 (0.5)

The purpose of this course is to enable students to acquire basic knowledge of team sports play, develop skills in specified team sports, and maintain or improve health-related fitness.

Team Sports II-1503360 (0.5) (Prerequisite-Team Sports I)

The purpose of this course is to enable students to develop knowledge of team sports play, develop skills in specified team sports, and maintain or improve health-related fitness.

Personal, Social and Family Relationships-0800330 (0.5)

The purpose of this course is to enable students to develop knowledge and skills that promote and enhance positive human relationships and healthy living.

Research and Critical Thinking

Research in Science and Technology I-1700300 (1.0)

The purpose of this hands-on course is to develop students' fundamental knowledge of the scientific process and become skilled performing the steps of the scientific research process. Students will also become acquainted with technologies used in various research fields.

Research in Science and Technology II-1700310 (1.0) (Prerequisite-Research I)

The purpose of this hands-on course is to develop students' fundamental knowledge of the scientific process and become skilled performing the steps of the scientific research process. This course will build on the skills and research practices learned in Research I through various research activities.

Research III-1700320 (0.5)

This course is faculty directed study primarily used by dual enrolled students.

Critical Thinking and Study Skills-1700370 (0.5)

This elective course is a project-based endeavor centering itself on, but not limited to, the concepts associated with the *International Critical Thinking Reading and Writing Test*, by Dr. Richard Paul and Dr. Linda Elder. Through projects, dialogue, video lectures, journaling, and analytical writing, students will discover how to critically read and interpret information while developing the ability to formulate persuasive arguments of their own.

Art/Visual Arts

Art/2-D Comprehensive I-01013000 (0.5)

The purpose of this course is to enable students to communicate ideas and concepts through basic two-dimensional design and composition, and develop appreciation of exemplars in varied cultures and historical periods.

Art/2-D Comprehensive II-01013100 (0.5) (Prerequisite-Art/2-D Comp. I)

The purpose of this course is to enable students to communicate ideas and concepts through intermediate-level two-dimensional design and composition, and develop appreciation of exemplars in varied cultures and historical periods.

Art/3-D Comprehensive I-01013300 (0.5)

In this class we will explore media and techniques used to design and construct three dimensional artwork. We will experiment with casting, carving, modeling and assembling with materials such as wire, wood, clay, paper mache, and found objects. We will analyze 3D artwork from other cultures and practice self-assessment, time management, and creative problem solving.

Art/3-D Comprehensive II-01013400 (0.5) (Prerequisite-Art/3-D Comp. I)

In this class we will continue to construct and analyze three dimensional art on a more advanced level in both teacher led and self-directed projects. We will continue to explore techniques including casting, carving, modeling and assembling with materials such as wire, wood, clay, paper mache and found objects. We will continue to emphasize and develop self-assessment, time management and creative problem solving skills.

Creative Photo I-01083100 (0.5)

The purpose of this course is to enable students to develop fundamental skills and creative approaches in photographic imagery, processes, and techniques.

Creative Photo II-01083200 (0.5) (Prerequisite-Creative Photo I)

Creative Photo II is a course designed for students who have mastered the point and shoot camera as well as the basic compositional elements of photography covered in Creative Photo I. Students will be working with SLR cameras and various lenses (wide angle, zoom and fish-eye) to explore the more complex aspects of this medium. Students will continue to develop compositional and creative skills, working toward mastery of both the SLR camera and Photoshop software.

TV Production I-8772110 (1.0)

This course provides opportunities for students to develop skills in history of television, basic video camera operation, postproduction skills in graphics, audio, and editing, scriptwriting, storyboarding,

skills in direction, and production of video projects.

TV Production II-8772120 (1.0) (Prerequisite-TV Production I)

This course is responsible for producing the daily news show at ECHS.

Experiential Education (0.5 credit)

Freshman Success Skills-0500500 (0.5)

The purpose of this course is to provide students with an opportunity to experience the highest levels of success in school and improve attitudes and behaviors toward learning, self, school and community.

Computer Education

Information and Technology I-8207310 (1.0)

This course is designed to provide an introduction to information technology concepts and careers as well as the impact information technology has on the world, people, and industry and basic web design concepts.

Volunteer/Service

Voluntary School/Community Service-2104330 (0.5)

In this course students assist teachers and staff in various duties as assigned.

Voluntary Public Service-0500370 (0.5)

In this course students assist teachers and staff in various duties as assigned.

All programs, activities and facilities of Florida SouthWestern State College are available on a non-discriminatory basis, without regard to race, color, religion, sex, age, disability, marital status or national origin. Edison State College is an Equal Access Equal Opportunity Employer. Questions pertaining to educational equity, equal opportunity or equal access should be addressed to the Vice President of Human Resources.