



Riverview High School

Home of the Sharks

A Message to Students and Parents:

This Course Selection Guide contains a description of the various subjects and courses that we anticipate offering at Riverview High School for the upcoming school year. It should be understood that course offerings are dependent upon the number of student requests and the availability of a certified instructor for the course. We ask that students and parents participate with teachers and guidance counselors in the course selection process. Please keep in mind your future plans and what course of study you will need to follow.

The world of work and the world of post-secondary education have changed dramatically in the past few years. Admission into college/university is extremely competitive. Grade point average, test scores, and STRENGTH of SCHEDULE are the key to academic success and college admission. The courses you select during programming will have an effect on your future.

Your success at Riverview High School is important to us. We want you to be able to attain your goals and dreams, and to be productive citizens. So I ask you to challenge yourself daily with perfect attendance. Challenge yourself to have a positive attitude. Challenge yourself by registering for courses that provide you with personal growth and happiness.

Go Sharks!

Ivin Gunder
Principal

10th – 12th Grade

COURSE SELECTION GUIDE

2019-2020



ADMINISTRATIVE STAFF

Principal:

Ivin Gunder

Responsible for the total operation of the school.

Assistant Principal for Curriculum (APC):

Jennifer Canady, Ph.D.

Responsible for managing the academic affairs of the school. Matters related to course offerings, academic policies and procedures, and student performance can be addressed to the APC.

Assistant Principal for Administration

(APA): Kevin Massena

Responsible for managing the activities and business affairs of the school. Matters related to clubs, organizations, athletics, fundraisers, and the school facility should be addressed to the APA.

Assistant Principals for Student Affairs

(APSA):

Eric Scott, 9th & 12th

Yolanda Dickey, 11th & 12th

David Kovacs, 10th & 12th

Responsible for student discipline, attendance, health, homebound services, free and reduced lunch availability, lockers, and other matters related to the well-being of the student. Students are assigned to their APSA by the first letter of their last name.

School Counselor Dept. Head:

Dr. Alyndria Miller, M-O, Rivera-Ross

Responsible for providing educational and personal guidance to students. Counselors assist students with developing their Individual Career Plans and select courses to attain personal goals. Students are assigned to guidance counselors by the first letter of their last name.

School Counselors:

Carlisia Shepherd, A-Com, P-Perry

Melissa Caryer, Con-G, Perryman-Ramar

Brian Bowman, H-L, Ramdass-Rivard

Alyndria Miller, M-O, Rivera-Ross

Louise Fernandez, Se-Z, Rossi-Se

College & Career Counselor:

David Elkins

Assists students with college planning coordinates scholarships, and post- secondary institution/college visits.

10th-12th Grade Courses

DUAL ENROLLMENT

The Dual Enrollment Program is designed for students pursuing a college-preparatory course of study in high school. Dual enrollment courses are applicable to the Associate in Arts degree at Hillsborough Community College (HCC). Students and parents should make the decision to enroll in dual enrollment courses based on communication with the university the student will attend. Some schools do not accept dual enrollment credits. Other schools only give elective credit. Some schools award no credit because these classes are not applicable to the degree requirements. Dual Enrollment course offerings frequently change. The courses listed below will be offered if an HCC instructor is available. Additional courses may be offered. Students should indicate an academic alternate on their programming sheet in case their chosen Dual Enrollment class is unavailable. Dual enrollment classes are weighted the same as Advanced Placement classes at .08 higher than regular classes. Dual enrollment classes can enhance a student's GPA.

Dual Enrollment classes are offered at HCC and at Riverview. If you plan to take Dual Enrollment classes next year, you'll still sign up for a full class load during programming so that you have reserved a spot in Honors or AP in case you don't get the Dual Enrollment class. If you qualify to take Dual Enrollment classes, there will be additional paperwork that you will complete at Riverview and an online application that you will do for HCC. Since we have no guarantees of availability, we will edit your class choices for next year based on which Dual Enrollment classes you're able to take.

All information on available courses, times, paperwork and deadlines is available on the HCC website. (<http://www.hccfl.edu/ssem/hs-articulation/dual-enrollment.aspx>, or search for "Dual Enrollment on the HCC site.)

Information on Riverview Dual Enrollment courses will be available in Guidance and on Edline once those classes are approved by HCC. All classes are contingent on the availability of instructors and HCC approval, and dates and times can change on short notice.

Student Eligibility Criteria for Dual Enrollment Courses:

1. The Board shall identify the students qualified for participation in the program. For more information visit the HCC website at <http://www.hccfl.edu/ssem/hs-articulation/dual-enrollment.aspx>. These students must demonstrate academic capabilities to pursue college level instruction.
2. In order to be eligible for participation in the program a student must:
 - a. have at least a 3.0 cumulative grade point average (un-weighted); and
 - b. be pursuing a college preparatory course of study for enrollment in university transfer courses or be seeking a degree or certificate for enrollment in technical courses.
 - c. take the ACT, SAT or Postsecondary Educational Readiness Test (PERT). Minimum test scores required by HCC are as follows:
 - d. PERT - Reading 104, Writing 99, Math 123
SAT - Critical Reading/Verbal 440, Math 440
ACT - Reading 18, Writing 17, Math 21
 - e. Students must bring proof of passing test scores to their counselors prior to

programming. Students who have not yet received passing test scores are urged to take the PERT at the HCC campus prior to programming and have an appropriate score.

3. Students may take no more than 9 credit hours during any one semester (18 weeks).
4. The high school principal or his/her designee will approve students eligible for Dual Enrollment.
5. Students will be considered high school students for the purpose of student activities and student body privileges.

10th-12th Grade Courses

DUAL ENROLLMENT COURSE OFFERINGS

COLLEGE SUCCESS

Grades 10-12

1/2 Credit; 18-week Class

Students must have a minimum un-weighted GPA of 3.0 but do not need test scores for this class. This interdisciplinary course empowers students by preparing them for a successful college experience and providing them with additional opportunities to develop intellectual potential and life skills. It enhances student understanding of library resources, student services, and other areas of academic support. Topics include goal assessment, time management, power reading, creative and critical thinking, test-taking, memory, note-taking, communication skills, study techniques, and interpersonal relationship issues.

FRESHMAN COMPOSITION SKILLS 1

Grade 12 ONLY

1 Credit; 18-week Class

This class meets the requirement for English I. Students must have a 3.0 un-weighted GPA and acceptable scores in ACT Reading and English, SAT Critical Reading, and PERT Reading and Sentence Skills. Freshman Composition Skills 2 may also be available for second semester.

ADVANCED PLACEMENT

Parents and students wanting more details on topics covered in any Advanced Placement (AP) class should visit this website for complete descriptions: <http://apcentral.collegeboard.com/apc/public/courses/descriptions/index.html>

LANGUAGE ARTS

AP ENGLISH LANGUAGE AND COMPOSITION

Grade 11

1 credit

Advanced Placement Language and Composition is the equivalent of a first-year college composition course. The coursework in this year-long class is challenging and academically rigorous. This course requires a high level of commitment from the student in both effort and time, but the rewards are great. Taking this class is perhaps the most important step a student can make in preparing for the challenges of college writing. **Students must take the Advanced Placement test for English Language and Composition in the spring with a score of 3 or better in order to receive college credit.**

AP ENGLISH LITERATURE AND COMPOSITION

Grade 12

1 credit

Prerequisite: Ability to handle a high-level literature course.

Advanced Placement Literature and Composition is the equivalent of a first-year college literature course. The course work in this year-long class is challenging and academically rigorous. This course requires a high level of commitment from the student in both effort and time. Students will study literature from the 16th century to contemporary times and interpret structure, style, themes and literacy elements. **Students must take the Advanced Placement test for English Language and Composition in the spring with a score of 3 or better in order to receive college credit.** Students who have previously taken Advanced Placement Language and Composition will find this class an excellent progression.

MATHEMATICS

AP STATISTICS

Grade 11-12

1 credit

Prerequisite: Algebra II Honors or Higher

A TI-83 or TI-84 graphing calculator is required

The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Topics include exploratory analysis, planning a study, anticipating pattern, and statistical inference. **It is required that the student take the Advanced Placement Examination in Statistics.**

AP CALCULUS AB

Grade 11-12

1 credit

Prerequisite: Analysis of Function, "C" or better.

A TI-84 or TI-89 graphing calculator is required

The purpose of this course is to offer college level mathematics under the guidelines of the Advanced Placement Program. The course content will follow the outline set forth by the College Board for Advanced Placement, AB course. The following list is a set of specific course objectives. The list is organized with respect to its major course topics which include a review of the prerequisites, the development of limits, Differentiation, Integration, Transcendental Functions, Special Techniques/Methods, and the application of these topics.

AP COMPUTER SCIENCE PRINCIPLES

Grade 10-12

1 credit

The new AP Computer Science Principles course will complement AP Computer Science as it aims to broaden participation in the study of computer science. The courses underscore the importance of communicating solutions appropriately and in ways that are relevant to current societal needs. AP Computer Science courses can help address traditional issues of equity, access, and broadening participation in computing while providing a strong and engaging introduction to fundamental areas of the discipline.

AP COMPUTER SCIENCE A

GRADE 9-12

1

CREDIT

The goals of the AP Computer Science A course are comparable to those in the introductory course for computer science majors offered in many college and university computer science departments. It is not expected that all students in the AP Computer Science A course will major in computer science at the university level. The AP Computer Science A course is intended to serve both as an introductory course for computer science majors and as a course for people who will major in other disciplines and want to be informed citizens in today's technological society.

SCIENCE

AP ENVIRONMENTAL SCIENCE

Grade 10-12

1 credit

Prerequisite: Biology, Chemistry Honors, Algebra II

The purpose of this course is to provide students with a college level course in environmental science and to prepare the student to seek credit and/or appropriate placement in college biological science programs. The content should include, but not be limited to, the study of the biosphere, its biotic and abiotic components; ecosystems of the world; bio-geologic cycles; and current environmental issues. Specific laboratory activities are course requirements. All students enrolled in APES are REQUIRED to take the National APES examination for that year.

AP BIOLOGY

Grade 10-12

1 credit

Co-requisite: BIOLOGY II HONORS

Grade 10-12

1 credit

Prerequisites: Biology, Chemistry Honors

The purpose of this course is to provide a college level course in the biological science and to prepare the student to seek credit and/or appropriate placement in college biology courses. The content should include, but not be limited to, molecular and cellular biology, organismal biology, and populational biology. Opportunities to understand the interactions of science with technology and society should be provided. Specific laboratory activities are course requirements. All students enrolled in AP Biology are REQUIRED to take the national AP Biology Examination for that year.

AP CHEMISTRY

Grade 10-12

1 credit

CHEMISTRY II HONORS (Co-requisite)

Grade 10-12

1 credit

Prerequisite: Biology and Chemistry Honors

The purpose of this course is to provide a college level course in chemistry and to prepare the student to seek credit and/or appropriate placement in college chemistry courses. The content should include, but not be limited to, structure of matter, states of matter, chemical reactions, and descriptive chemistry. Opportunities to understand the interactions of science with technology and society should be provided. All students enrolled in AP Chemistry are REQUIRED to take the National AP chemistry examination for that year.

AP PHYSICS

Grade 11-12

1 credit

Prerequisite: Physics Honors, Grade of "B" or higher in Advanced Topics or Trigonometry/Analytic Geometry (Math)

The purpose of this course is to provide a college level course in physics and to prepare the student to seek credit and/or appropriate placement in college physics courses. The content should include, but not be limited to, kinematics, Newton's laws of motion, conservation laws; classical mechanics, torque, rotational equilibrium, gravitation, oscillation, kinetic theory, thermodynamics, electrostatics, electric currents, magnetism, waves and optics, modern physics. All students enrolled in AP Physics are REQUIRED to take the National AP Physics examination for that year.

SOCIAL STUDIES

AP MACROECONOMICS

Grade 10-12

1st semester

1 credit

AP Macroeconomics is an introductory college-level course that focuses on the principles that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination; it also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts.

AP MICROECONOMICS

Grade 10-12

2nd semester

1 credit

AP Microeconomics is an introductory college-level course that focuses on the principles of economics that apply to the functions of individual economic decision-makers. The course also develops students' familiarity with the operation of product and factor markets, distributions of income, market failure, and the role of government in promoting greater efficiency and equity in the economy. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts.

AP HUMAN GEOGRAPHY

Grade 11-12

1 credit

Requirement: Minimum FCAT Reading Level 3

AP Human Geography is about how humans have affected the landscape. Topics include culture, population, agriculture, urbanization, and political geography.

AP EUROPEAN HISTORY

Grade 12

1 credit

Prerequisites: AP World History, AP American History, Teacher Recommendation: APUSH & AP Lang/Eng 3 Honors

AP European History is a college prep course that provides students with an academic experience equivalent to a freshman/sophomore college survey of western history. The course is specifically designed to provide students with an in-depth study of European history from the 15th century through the modern day. In addition to course content, AP European History is intended to enhance development of student critical thinking, document analysis, interpretive reading, information organization, synthesis, and writing skills. Students successfully mastering the course material may earn college credit by passing the annually administered AP European History exam; the individual college or university determines how many, or if, any credits will be granted for the AP exam score.

AP UNITED STATES HISTORY

Grade 10-12

1 credit

AP United States History focuses on developing students' abilities to think conceptually about U.S. history from approximately 1491 to the present and apply historical thinking skills as they learn about the past. Seven themes of equal importance — identity; peopling; politics and

power; work, exchange, and technology; America in the world; environment and geography; and ideas, beliefs, and culture — provide areas of historical inquiry for investigation throughout the course. These require students to reason historically about continuity and change over time and make comparisons among various historical developments in different times and places.

AP WORLD HISTORY

credit

Grade 10-12

1

AP World History focuses on developing students' abilities to think conceptually about world history from approximately 8000 BCE to the present and apply historical thinking skills as they learn about the past. Five themes of equal importance — focusing on the environment, cultures, state-building, economic systems, and social structures — provide areas of historical inquiry for investigation throughout the course. AP World History encompasses the history of the five major geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania, with special focus on historical developments and processes that cross multiple regions.

AP PSYCHOLOGY

Grade 10-12

1 credit

This course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods that psychologists use in their science and practice. AP Psychology is a secondary school equivalent to an introductory college course in psychology.

AP US GOVERNMENT & POLITICS

Grade 12

½ credit

Requirements: Minimum FCAT Reading Level 3 and teacher's recommendation: APUSH, AP World History, World History Honors, AP Lang/Eng 3 Honors

AP US Government is a 1 semester course paired with dual enrollment European History. It is intended for high-achieving seniors.

ARTS

AP ART HISTORY

Grade 11-12

1 credit

AP Art History engages students at the same level as an introductory college art history course. This involves critical thinking and writing and should develop students understanding and knowledge of diverse historical and cultural contexts of architecture, sculpture, painting and other media. In this course, students examine and critically analyze major forms of artistic expression from the past and the present from a variety of cultures. While visual analysis is a fundamental tool of the art historian, AP Art History also emphasizes understanding of how and why works of art function in a global context, considering such issues as religion, politics, patronage, gender, and the functions and effects of works of Art.

Many colleges and universities offer advanced placement and/or credit to students who perform successfully on the AP Art History Exam in Visual Arts and/or Humanities.

AP DRAWING

Grade 11-12

1 credit

Students create a portfolio of work to demonstrate inquiry through art and design and development of materials, processes, and ideas over the course of a year. Portfolios include works of art and design, process documentation, and written information about the work presented. In May, students submit portfolios for evaluation based on specific criteria, which include skillful synthesis of materials, processes, and ideas and sustained investigation through practice, experimentation, and revision, guided by questions.

WORLD LANGUAGE

AP SPANISH LITERATURE & CULTURE

Grade 11-12

1 credit

Prerequisite: See Mrs. Parrilla for more information and recommendation.

This course is conducted entirely in Spanish

This course is the equivalent of a third-year college introduction to Literature in Spanish. It is intended for those students who have chosen to continue to develop their language proficiency in the four skill areas of listening, speaking, reading, and writing and who have also chosen to study the Literature of Spanish. This class will prepare students to understand lectures in Spanish and participate actively in discussions in Spanish on literary and cultural topics. Students will be prepared to analyze critically the form and content of literary works, including poetry, orally and in writing using appropriate terminology. Students must take the Advanced Placement exam in the spring with a score of 3 or better in order to receive college credit.

AP SPANISH LANGUAGE

Grade 11-12

1 credit

Prerequisite: Spanish III and IV.

This course is conducted entirely in Spanish

This course is equivalent to a third-year college level course designed for students who already have strong skills in reading, writing, speaking and listening and are interested in developing a more in-depth understanding of the Spanish language. Instructional materials, activities, assignments, and assessments are appropriate to this level. This course is conducted entirely in Spanish and its main objective is for students to develop proficiency in integrating language skills and synthesizing written and aural materials, the formal writing process, extensive interpersonal and presentational speaking and writing practice, and aural comprehension skills. Students must take the Advanced Placement exam in the spring with a score of 3 or better in order to receive college credit.

MUSIC

AP MUSIC THEORY

Grade 10-12

1 credit

The AP Music Theory course corresponds to two semesters of a typical introductory college

music theory course that covers topics such as musicianship, theory, musical materials, and procedures. Musicianship skills including dictation and other listening skills, sight-singing, and keyboard harmony are considered an important part of the course. Through the course, students develop the ability to recognize, understand, and describe basic materials and processes of music that are heard or presented in a score. Development of aural skills is a primary objective. Performance is also part of the learning process. Students understand basic concepts and terminology by listening to and performing a wide variety of music. Notational skills, speed, and fluency with basic materials are emphasized.

ACADEMIC ASSISTANCE

AP CAPSTONE PROGRAM IS A 2 YEAR PROGRAM

AP Capstone is an innovative diploma program from the College Board that equips students with the independent research, collaborative teamwork, and communication skills that are increasingly valued by colleges. AP Capstone is built on the foundation of TWO AP courses—AP Seminar (year 1) and AP Research (year 2)—and is designed to complement and enhance the in-depth, discipline-specific study experienced in the other AP Courses.

AP CAPSTONE SEMINAR

10TH GRADE ONLY

1 CREDIT

Students will investigate real-world issues from multiple perspectives, gathering and analyzing information from various sources in order to develop credible and valid evidence-based arguments.

AP CAPSTONE RESEARCH

11TH GRADE ONLY

1 CREDIT

Students cultivate the skills and discipline necessary to conduct independent research and inquiry in order to produce and defend their scholarly work.

***Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP exams of their choosing will receive the AP Capstone Diploma.**

***Students who earn scores of 3 or higher in AP Seminar and AP Research but not on four additional AP exams of their choosing will receive the AP Capstone Certificate.**

ART

CREATING 2-DIMENSIONAL ART

Grades 9-12

1st semester only

½ credit

This is a semester-long survey course that will include the media of drawing, painting, printmaking and/or collage. It will be available to students who have not taken 2-D or Drawing/Painting already.

2-D STUDIO ART 2

Grades 10-12

1 credit

Prerequisite: Creating 2-Dimensional Art or teacher recommendation. See Ms Vasquez, room

301.

This is a continuation of skills learned in level one drawing, painting, or 2-dimensional art classes. Students will explore and make work that is at a higher level in the areas of drawing, painting, collage and/or printmaking. It is geared towards students who want to further their artistic skills learned in 2-Dimensional Art 1 or Drawing and Painting 1.

CREATING 3-DIMENSIONAL ART**Grades 9-12****2nd semester only****½ credit**

This is a semester-long survey course that will teach more than one 3-D media such as sculpture, assemblage, and/or ceramics. It is geared towards students who are interested in making 3-dimensional art. There are no prerequisites for this course.

3-D Art 1- Sculpture**Grades 10-12****Annual****1 credit**

Students communicate a sense of 4-D, motion, and/or time, based on creative use of spatial relationships and innovative treatment of space and its components. Students address 4-D, the inter-relatedness of art and context, and may also include installation or collaborative works, virtual realities, light as a medium (i.e., natural, artificial, or reflective), or flexible, entered, or activated space.

BASICS CERAMICS/POTTERY (SEM)**1 credit****Grades 10-12**

Students explore how much space, mass, balance, and form combine to create aesthetic forms or utilitarian products and structures. Instructional focus will be on ceramics and/or pottery. Media may include, but are not limited to, clay and/or plaster, with consideration of the workability, durability, cost, and toxicity of the media used.

CERAMICS POTTERY I**1 credit****Grades 10-12****This is an Advanced Course.**

Students will explore how space, mass, balance, and form combine to create aesthetic forms or utilitarian products and sculptures. Instructional focus will be on ceramics and/or pottery. . Student artists consider the relationship of scale (i.e., hand-held, human, monumental) through the use of positive and negative space or voids, volume, visual weight, and gravity to create low/high relief or freestanding structures for personal intentions or public places. They explore sharp and diminishing detail, size, position, overlapping, visual pattern, texture, implied line, space, and plasticity, reflecting craftsmanship and quality in the surface and structural qualities of the completed art forms. Students in the ceramics and/or pottery art studio focus on use of safety procedures for process, media, and techniques. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works. This course incorporates hands-on activities and consumption of art materials.

CERAMICS POTTERY 2**1 credit**

This is an Advanced Course.

Prerequisite Ceramics Pottery I

Students will expand on their knowledge in ceramics and pottery art studio.

DRIVER EDUCATION

DRIVER EDUCATION

Grades 9-12

½ credit

There is a fee associated with this class. The fee for the 2016-17 school year was \$40.

Prerequisite: Must be at least 15 years old, have parent permission, and corrected vision of at least 20/40.

Students who will not be 15 years old by the first day of school should not request first semester Driver's Ed. If you are requesting Driver's Ed second semester, make sure you pick semester electives offered first semester. Students who will not be 15 years old by mid-January should not plan to take Driver's Ed their freshman year.

The purpose of "Driver Education/Traffic Safety, Classroom and Lab" is to introduce students to the transportation system and to strategies which will develop driving knowledge and skills related to today's and tomorrows motorized society and to provide an in-depth study of the scope and nature of accident problems and their solutions. Laboratory activities shall be offered concurrently with classroom instruction and may include, but not be limited to, use of electronic simulation equipment, off-street multiple car driving range, and on-street driving practice in a dual controlled car under the direction of an instructor.

LANGUAGE ARTS

ENGLISH II

Grade 10

1 credit

This course includes a summer reading assignment. This course provides instruction in English language skills and in the study of world literature.

ENGLISH HONORS II

Grade 10

1 credit

This course includes a summer reading assignment.

This course promotes academic excellence in English language arts through the study of world literature and through enriched experiences in composition, speech, and listening skills. It is recommended that students score at Level 3 or higher on the Reading FCAT, and are motivated to achieve at the college-bound level.

ENGLISH III

Grade 11

1 credit

This course includes a summer reading assignment. This course provides instruction in American literature and English language skills.

ENGLISH HONORS III

Grade 11

1 credit

This course includes a summer reading assignment.

This course promotes academic excellence in English language arts through enriched experiences in reading, writing, speaking, and listening and provides instruction in the study of American literature. It is recommended that students score at Level 3 or higher on the Reading FCAT, and are motivated to achieve at the college-bound level.

ENGLISH IV

Grade 12

1 credit

This course includes a summer reading assignment. This course provides instruction in English language skills in the study of literature and media.

ENGLISH HONORS IV

Grade 12

1 credit

This course includes a summer reading assignment.

This course promotes academic excellence in English language arts through enriched experiences in communications skills and through instruction in literature and media. It is recommended that students score at Level 3 or higher on the Reading FCAT, and are motivated to achieve at the college-bound level.

ENGLISH I, II, III, IV THROUGH ESOL

Grade 9-12

1 credit each

This course includes a summer reading assignment. 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, the following: Using the reading process to construct meaning using technical, informative, and imaginative texts; 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; understanding the power of language as it impacts readers, writers, listeners, viewers, and speakers; understanding and analyzing literary texts; responding critically and aesthetically to literature.

CREATIVE WRITING 5 HONORS (#1009333)

Grades 9-12

1 credit

Subject: English/Language Arts

Sub-Subject: Writing

The purpose of this course is to enable students to develop and use grade 11-12 writing and language skills for advanced creative expression in a variety of literary forms. Emphasis will be on development of a personal writing style with concentration on one or two particular genres. Submission for publication of a final work(s) is required.

LITERATURE AND THE ARTS HONORS 1 Mythology (SEM) ½ credit

Grades 9 – 12

This course includes a summer reading assignment. The purpose of this course is to enable grades 9-10 students, using texts and artistic works of high complexity, to develop knowledge

of the relationship between literature and the fine arts through advanced integrated educational experiences of viewing, reading, writing, speaking and listening, and language. Emphasis will be on the varied cultural influences highlighting the major themes, issues, and topics associated throughout selected literary and artistic periods.

LITERATURE AND THE ARTS 2 HONORS Folklore (SEM) ½ credit
Grades 9-12

This course includes a summer reading assignment. The purpose of this course is to enable grades 11-12 students, using texts and artistic works of high complexity, to develop advanced knowledge of the relationship between literature and the fine arts through integrated educational experiences of viewing, reading, writing, speaking and listening, and language. Emphasis will be on the varied cultural influences highlighting the major themes, issues, and topics associated throughout selected literary and artistic periods.

WRITING 1 **½ credit**
Grades 9-12

The purpose of this course is to enable students to develop and use grade level 9-10 writing and language skills in a variety of writing formats for argumentative, informative, and narrative purposes to ensure preparation for college and career readiness.

CREATIVE WRITING I, II **½ credit each**
Grade 9-12

The purpose of this course is to develop students' writing and language skills needed for individual expression in literary forms. The content should include, but not be limited to, instruction in the development and practice of writing a variety of literary works, including original poetry, short stories, plays, novels, and/or essays and other nonfiction. The course may also include technical aspects of editing and publishing students' work in a literary publication.

CREATIVE WRITING III, IV **1 credit each**
Grade 10-12

Prerequisite: Creative Writing II

The class will include the technical aspects of entering contests and publishing student work as well as the technical aspects of entering and performing in a public reading. Students will be expected to create original poetry and short stories of a superior quality.

JOURNALISM I **1 credit**
Grade 9-12

This course provides instruction in basic aspects of journalism and experience in journalistic production. Students will also learn the basic techniques of writing, computer layout and design, advertising, public relations and broadcast news. This course is an excellent preparation for students interested in applying for a staff position on the newspaper or yearbook.

JOURNALISM II – V ~ NEWSPAPER

Grade 10-12**1 credit each****Prerequisite: Journalism I**

These courses provide practical experience in successful news gathering techniques, practice in journalistic writing, and opportunities to explore a career in journalism. The content includes frequent practice in gathering information and in writing news, sports, feature articles, editorials, and techniques in news photography, advertising, and editorial cartooning. Organization and management techniques relating to journalistic productions, including leadership skills, record keeping, time management, utilization of personnel, and task organization, is stressed. These classes publish the school's newspaper.

JOURNALISM II – V ~ YEARBOOK**Grade 10-12****1 credit each****Prerequisite: Journalism I and teacher recommendation. See Ms. Duran, room 232.**

This course provides advanced instruction in journalistic writing and production techniques. The content includes instruction in writing, designing, and managing journalistic enterprises. The emphasis is upon implementing students' creative skills and talents in writing, graphic design and/or photography, and in providing regular practice in management skills and production techniques in printed journalistic media. The course provides opportunities to develop proficiency in various forms of journalistic writing. These classes publish the school's yearbook. Students should be dedicated and hard-working individuals willing to devote after-school hours for completion of deadlines.

TELEVISION PRODUCTION I**Grade 11-12****1 credit**

This course provides opportunities for students to develop skills in basic camera operation; post-production skills in graphics, audio, and editing; scriptwriting and storyboarding; skills in direction; and production of video projects. T.V. Production I meets the Performing Arts requirement.

TELEVISION PRODUCTION II**Grade 10-12****1 credit****Prerequisite: Television Production I and teacher approval.**

The purpose of this course is to exhibit the ability to apply television skills in the planning, directing, and recording of television programs; demonstrate the ability to write script and dialog for a television program; and demonstrate the ability to produce a television program. TV II meets the Performing Arts requirement.

TELEVISION PRODUCTION III**Grade 10-12****1 credit****Prerequisite: Television Production I & II and teacher approval.**

This course covers competencies in special effects lighting, use of equipment, digital audio and video recording and editing operations, television production and programming, and online research

TELEVISION PRODUCTION IV

1 credit

Grade 10-12

Prerequisite: Television Production I & II and teacher approval.

This course covers competencies in lighting instrument maintenance, Electronic News Gathering and Electronic Field Production, and teamwork.

INTRODUCTION TO DRAMA (Performing Arts Credit)

Grade 9-12

1/2 credit

The purpose of this course is to introduce students to fundamental skills in the multiple elements of theatre as a collaborative art, acting and characterization. Topics include movement and vocal production, pantomime and improvisation, theatre terminology, script elements, theatre history and influences, technical theatre, playwriting, theatre production, artistic discipline, audience etiquette, roles and careers in theatre arts and other subject areas.

THEATER I

Grade 9-12

1 credit

The purpose of this course is to introduce students to the study and practice of theatre arts. The content should include, but not be limited to, an overview of the history of the theater and literature of the theater. Students should be introduced to the fundamentals of theatre production which include scenery construction, costuming, lighting, and make-up. Students should be introduced to the fundamentals of acting.

THEATER II

Grade 9-12

1 credit

Prerequisites: Theater I

The purpose of this course is to provide intermediate development of skills useful to the study and practice of theatre arts. The content should include, but not be limited to, instruction in reading and interpretation of dramatic literature. Other instructional emphases should include techniques and mechanics of acting; set, costume, and lighting design, as well as other features of stagecraft; character analysis and portrayal; interactive and analytical study of plays; and production of plays and other dramatic presentations.

THEATER III HONORS

Grade 10-12

1 credit

Prerequisites: Theater II

The purpose of this course is to provide opportunity for advanced drama students to continue study in acting and production techniques and to participate in dramatic productions and projects. The content should include, but not be limited to, instruction in specific acting techniques used in various kinds of dramatic presentations. Emphasis should also be given to the study of acting theories, as well as practice and theory in set design, make-up, and lighting.

THEATER IV HONORS

Grade 10-12

1 credit

Prerequisites: Theater III

The purpose of this course is to provide in-depth study in various aspects of dramatic and theatrical art. Study and practical application in costume, scenery, lighting, and sound design; make-up techniques; advanced acting techniques; and theatrical management. Students should specialize by researching information about and participating in selected areas of theater, including playwriting, direction, stage design and management, choreography, and advanced acting. Acting emphasis should be placed upon the development of unique performing styles and solo and ensemble presentations.

MUSICAL THEATER I, II, III

Grade 9-12

1 credit each

The purpose of these courses is to provide students of musical theatre the opportunities to study and perform scenes from varied styles of musical theater with special attention to the fundamentals of stage movement, acting, and characterization as related to musical production. The content should include, but not be limited to, the study of music theory and sight-singing, dance, lighting, sound, set design, costuming, make-up, and stage directing, and acting.

READING

NOTE: ALL STUDENTS who have not met the state reading graduation benchmark are supported in reading classes. Which are determined by their FSA score.

JR/FSA/SAT Prep – 10083303

½ credit

10th graders who are entering their junior year with an FSA score of 50 or less. The Curriculum focuses on FSA specific skills and Florida Standards in reading, writing and listening. Students will also participate in SAT prep to work towards a concordant score to satisfy graduation reading benchmark. The curriculum includes FSA Boot Camp, 12 LD modules and SAT Prep.

Senior FSA/ACT Prep – 1004104

½ credit

11th graders who are entering their senior year with an FSA score of less than 51. The curriculum focuses on FSA specific skills and Florida Standards in reading, writing and listening. Students will also participate in ACT prep to work towards a concordant score to satisfy graduation reading benchmark. The curriculum includes FSA Boot Camp, and ACT Prep.

AVID

AVID II, III, IV

Grade 9-12

1 credit each

By application only. See Ms. Moss, room 332, to apply.

AVID provides students with academic survival skills including time management, note taking, and textbook reading and study skills. Tutors assist students by reinforcing study habits and reviewing key concepts from other content areas. The course is designed to prepare students for rigorous coursework, AP classes, and a four-year college acceptance.

MUSIC

CHORUS I

Grade 9-12

1 credit

Fee Required: Approx. \$70 for Girls/\$100 for Boys

This class is designed to learn the fundamentals of vocal technique, as well as musicianship and sight singing. Basic music terminology and understanding of music theory as it applies to choral singing will be learned and applied. For information on costs related to this class, contact Elizabeth.stewart@sdhc.k12.fl.us.

CHORUS II-IV

Grade 10-12

1 credit

Fee Required: Approx. \$70 for Girls/\$100 for Boys

The purpose of this course is to provide students with further opportunities to develop musicianship skills in vocal music and choral ensembles; singing skills essential for future placement in more advanced choral ensembles. The content should include, but not be limited to, enabling students to develop fundamental skills in proper vocal tone production, choral performance techniques, musical literacy and music appreciation. Full year schedule encouraged.

VOCAL ENSEMBLE I-IV (VISION/Una Voce)

Grade 9-12

1 credit

Prerequisite: Audition and teacher approval. For audition and information on costs related to this class, contact Elizabeth.stewart@sdhc.k12.fl.us. This class will learn the various approaches to singing in ensembles as they apply to various genres of vocal music including Madrigals (Una Voce), Vocal Jazz, Pop, and Show Choir. Choreography is also included in the class curriculum.

BAND I-IV

Grade 9-12

1 credit each

Fee Required: \$240.00

Meets graduation requirement for Performing Fine Arts.

This course provides instruction in the application of musicianship and technical skills through the study of varied band literature. Rehearsals and performances outside of class time are required. Email the director, Mr. Butts at trevor.butts@sdhc.k12.fl.us for specific questions and for information on summer band activities.

EURHYTHMICS 1-4 (COLORGUARD)

Grade 9-12

1 credit

Fee Required: \$400.00

Marching Band, Dance, Flag, Rifle, Sabre Team-audition required.

Learn dance, flag, rifle, and sabre routines and perform as part of the Riverview HS Marching Band and Color-guard. After-school rehearsals and performances are required. There is a financial obligation of approximately \$400 for purchasing required items. Email the director, Mr. Butts at trevor.butts@sdhc.k12.fl.us or call (813) 671-5011 ext. 258 to schedule an audition or for specific questions on try-outs, finances, and schedules.

INSTRUMENTAL TECH DRUMLINE 1-4

Grade 9-12 \$240.00

1 credit each

Meets graduation requirement for Performing Fine Arts.

This class is designed for those students who are members of the RVHS Drumline. Class may also be open to other students with director permission. Rehearsals and performances outside of class time are required. Email the director, Mr. Butts, at trevor.buttsdhc.k12.fl.us or call (813) 671-5011 ext. 258 for specific questions and for information on summer band activities.

ORCHESTRA I, II, III, IV

Grade 9-12

1 credit each

Fee Required: Approx. \$70 for Girls/\$100 for Boys

This course is designed to develop a student's skills in music ensembles on orchestral instruments. A wide scope of instruction and musical awareness will be a part of the course. An emphasis on stringed instruments will be made. This course is a performing arts accepted offering.

KEYBOARD I (PIANO)

Grades 9-12

1 credit

Students build fundamental piano techniques while learning to read music, acquire and apply knowledge of basic music theory, and explore the role of keyboard music in history and culture. Beginning pianists develop skills in analytical listening and explore musical creativity in the form of basic improvisation and basic composition. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

KEYBOARD II (PIANO)

Grade 10-12

1 credit

Prerequisite: Keyboard I or Prior Experience

Students build on previous piano techniques and skills through reading music, acquiring and applying knowledge of music theory, and exploring the role of keyboard music in history and culture. Students learn repertoire from various styles and time periods, exploring the historical influence keyboards have had on music performance and composition. Students explore the basic tools of music technology (i.e., MIDI keyboards). Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

MATHEMATICS

Math classes are determined based on student achievement in past math classes and on test scores. Since final grades and test scores won't be available during programming, students may be programmed for one math class in February and placed in a different math class in August based on their performance. Students will be placed according to the Riverview Mathematics Flow Chart. The Algebra End of Course Exam and the Geometry End of Course

Exam have replaced the Math FCAT. Students currently taking Algebra 1, Algebra 1 Honors, Algebra 1b, Geometry and Geometry Honors may have their math classes changed based on their score on these exams.

Each math teacher at Riverview will make a recommendation for math students that will be given to Guidance Counselors. Parents with questions about their student's math placement are encouraged to talk to their student's current math teacher. If parents disagree with their child's placement in August, they can discuss the issue with their child's counselor and adjustments can be made at that time, with the exception of AP Statistics and AP Calculus. Students who choose to enroll in these challenging Advanced Placement college courses will not be removed from these courses once the school year begins. Because of this, AP students should discuss whether or not these courses are appropriate for them with their current teachers, their parents and their Counselors during programming.

GEOMETRY

Grade 9-12

1 credit

Prerequisite: Algebra 1 or Algebra 1 Honors, or credit for the first half of Algebra I and taken concurrently with Liberal Arts Math.

The purpose of this course is to emphasize critical thinking involving the discovery of relationships and their proofs and skill in applying the deductive method to mathematical situations. Students must pass the Geometry EOC to receive credit for this course.

GEOMETRY HONORS

Grade 9-12

1 credit

Prerequisite: "B" or higher in Algebra 1 Honors and teacher recommendation.

The purpose of this course is to give a rigorous in-depth study of geometry with emphasis on methods of proof and the formal language of mathematics. Students must pass the Geometry EOC to receive credit for this course.

LIBERAL ARTS MATH

Grade 9-12

1 credit

Prerequisite: Algebra 1 first semester credit

The purpose of this course is to strengthen the mathematical skills required to pass the Algebra/Geometry EOC. Students can be scheduled into Liberal Arts Math and Geometry at the same time.

ALGEBRA 1

Grade 9-12

1 credit

The fundamental purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. The critical areas, called units, 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 2

Grade 9-12

1 credit

Prerequisite: Geometry or Geometry Honors

The purpose of this course is to continue the study of the structure of algebra and to provide the foundation for applying these skills to other mathematical and scientific fields.

ALGEBRA 2 HONORS

Grade 9-12

1 credit

Prerequisite: Geometry Honors and “B” or higher in Algebra 1 Honors.

This course presents an in-depth study of the topics of Algebra 2 with emphasis on theory, proof, and development of formulas and their application. **A TI-83 or TI-84 Calculator is required.**

ADVANCED TOPICS

Grade 10-12

1 credit

Prerequisite: Algebra 2 or Algebra 2 Honors

The purpose of this course is to strengthen the mathematical skills of college bound students who lack the proficiency required for further advanced mathematics. SPECIAL NOTE: This course is designed for the student who has passed Algebra 2 but who needs strengthening before continuing in the college sequence and the student who is only going to take the 6 hours minimum in college.

TRIGONOMETRY/MATH ANALYSIS

Grade 10-12

1 credit

Prerequisite: “B” or higher in Algebra 2 or Algebra 2 Honors and teacher recommendation.

This course is designed to prepare students for entry level college courses. Topics include, but are not limited to, short review of Algebra 2 topics, unit circle, trigonometric theorems, right triangle trigonometry, vectors, complex numbers, DeMoivre’s Theorem, conics, inclination of lines, parametric equations, polar coordinates and polar equations. Students will be exposed to real world application problems and the use of technology throughout these courses.

PRE-CALCULUS (HONORS)

Grade 10-12

1 credit

Prerequisite: “C” or higher in Algebra 2 Honors

The formal study of elementary functions as presented in Algebra 2 honors is extended in this course. Students apply technology, modeling, and problem-solving skills to the study of trigonometric and circular functions, identities and inverses, and their applications, including the study of polar coordinates and complex numbers. Vectors in two dimensions are studied and applied. Problem simulations are explored in multiple representations – algebraic, graphic and numeric. The study of limits and the formal definition of derivatives are applied to functions and their continuity. A TI-83 or TI-84 graphing calculator is required for this course.

MATH FOR COLLEGE READINESS

Grade 11-12

1 credit

Prerequisite: Geometry

The purpose of this course is to strengthen the mathematical skills required for college entrance exams or for further study of advanced mathematics. This course is designed for the student who has passed Geometry but whose Algebra skills need strengthening before continuing with

Algebra 2.

MATH CS SAT PREP (MATH FOR COLLEGE SUCCESS)

Grade 11-12

½ credit

Prerequisite: Algebra 1

This course is designed to prepare students for the math portion of the SAT. Juniors and Seniors who are not in AP math classes are urged to take this class in order to achieve college ready scores on the SAT.

10th-12th Grade Courses

PHYSICAL EDUCATION

HOPE (HEALTH OPPORTUNITIES THROUGH PHYSICAL ED)

Grade 9-12

1 credit

Will meet graduation requirement for Physical Education with the integration of health topics.

This is a required class that covers content formerly taught in Health & Personal Fitness.

TEAM SPORTS I

Grade 9-12

½ credit

This course provides opportunities to develop skills and acquire knowledge of game strategies for Basketball, Volleyball, Flag Football, Soccer and Softball.

TEAM SPORTS II

Grades 9-12

2nd semester only

½ credit

This course provides students with opportunities to acquire advanced knowledge and skills in Track/Field, Ultimate Frisbee, Flag Rugby, Lacrosse, and Exercise/Fitness.

BASKETBALL

Grade 9-12

½ credit

This course provides opportunities to acquire knowledge and skills in basketball that may be used in recreational pursuits as well as later in life and to maintain and/or improve personal fitness.

VOLLEYBALL I

Grades 9-12

1st & 2nd semester

½ credit

This course will teach skills associated with setting, spiking, the forearm pass, over arm serve and blocking. Both offensive and defensive strategies will be taught along with an opportunity to participate in game competition.

VOLLEYBALL II

Grades 10-12

1st & 2nd semester

Prerequisite: Volleyball I

½ credit

This course will enforce skills taught in Volleyball I. Both offensive and defensive strategies will be taught along with an opportunity to participate in game competition.

WRESTLING I

Grades 10-12

1st semester only

½ credit

WRESTLING II

Grades 10-12

2nd semester only

½ credit

Wrestling provides students practice with the development of wrestling skills to maintain and improve fitness,

WEIGHT TRAINING I

Grade 9-12

½ credit

The purpose of this course is to provide students with opportunities to acquire knowledge and develop skills in weight training that may be used in physical fitness pursuits today as well as in later life, improve muscular strength and endurance, and enhance body image.

WEIGHT TRAINING II

Grade 10-12

½ credit

Prerequisite: Weight Training I

The purpose of this course is to provide students with opportunities to further extend the acquisition of knowledge and the development of skills in weight training that may be used in physical fitness pursuits today as well as in later life, further improve muscular strength and endurance, and further enhance body image.

WEIGHT TRAINING III

Grade 10-12

½ credit

Prerequisite: Weight Training II

The purpose of this course is to provide students with opportunities to further extend the acquisition of knowledge and the development of skills in weight training that may be used in physical fitness pursuits today as well as in later life, further improve muscular strength and endurance, and further enhance body image.

POWER WEIGHT TRAINING

Grade 10-12

½ credit

The purpose of this course is to acquire knowledge and skills in power weight training (Olympic and power lifting) and improve or maintain health related physical fitness. The content should include, but not be limited to, safety practices, assessment of health-related fitness, skills, techniques, strategies and rules of weight training, assessment of basic Olympic and power weight training skills, consumer issues related to weight training and fitness activities.

INDIVIDUAL & DUAL SPORTS (SEM)

½ credit

Grades 9-12

Skill-related and maintenance/improvement of health-related components of fitness. The purpose of this course is to enable students to develop knowledge and skills specified in individual and dual sports and to maintain health Related fitness.

SCIENCE

BIOLOGY I

Grade 9

1 credit

The purpose of this course is to provide exploratory experiences, and laboratory and real-life applications in the biological sciences.

BIOLOGY I HONORS

Grade 9

1 credit

Prerequisite: 8th grade Physical Science

The purpose of this course is to provide students with advanced exploratory experiences and activities in the fundamental concepts of life. This course expands the biological concepts that were introduced earlier and refines these concepts and presents additional facts, concepts and generalizations.

PHYSICAL SCIENCE

1 credit

Prerequisite: 9th Grade Biology

Students will study the concepts of matter, energy, and forces, and their applications through exploratory investigations and activities.

EARTH/SPACE SCIENCE

1 credit

Prerequisite: Chemistry

The Earth Space Science curriculum builds on the natural curiosity of students by connecting them to the beauty of geological history, the amazing landforms around the globe, the wonders of the sea and air, and the latest discoveries about our universe. Through lab investigations and current events, students will be given an opportunity to relate lessons to their everyday world. Topics include climate change, plate tectonics, the fossil record, oceans and the atmosphere, our solar system and beyond.

CHEMISTRY I

Grade 10-12

1 credit

Prerequisite: Biology Honors

The purpose of this course is to provide students with a rigorous study of the composition, properties and changes associated with matter.

CHEMISTRY I HONORS

Grade 10-12

1 credit

Prerequisite: Biology Honors

Co-requisite: Algebra II or above

The purpose of this course is to provide students with a rigorous study of the composition, properties and changes associated with matter. Students who are not yet enrolled in Algebra 2 or a higher level math class should take regular chemistry.

PHYSICS

Grade 11-12

1 credit

Prerequisite: Chemistry

The purpose of this course is to provide students with an introductory study of the theories and laws governing the interaction of matter, energy, and the forces of nature.

PHYSICS I HONORS

Grade 11-12

1 credit

Prerequisite: Algebra I, Geometry

Co-requisite: Algebra II or above

The purpose of this course is to provide students with an introductory study of the theories and laws governing the interaction of matter, energy, and the forces of nature.

ANATOMY AND PHYSIOLOGY HONORS

Grade 11-12

1 credit

Prerequisite: Biology Honors with a "C"

Co-requisite: Chemistry Honors

The purpose of this course is to provide students with rigorous content and laboratory activities in the structures and functions of the components of the human body. The content should include, but not be limited to, anatomical terminology, cells and tissues, integumentary system, skeletal system, muscular system, nervous system, special sensory organs, endocrine system, circulatory system, respiratory system, digestive system, excretory urinary system, reproductive system, homeostasis, disease process, immune response, and inheritance: molecular, cellular, organismal; mutations and genetic disorders. Opportunities to understand the interaction of science with technology and society should be provided. This course requires frequent dis- section labs with assorted animal specimens.

ASTRONOMY

Grade 10-12

1 credit

Prerequisite: Biology, Physical Science

Co-requisite: Chemistry or Earth Science

The science elective class of astronomy takes an in-depth look at our solar system, Milky Way galaxy, and the universe. Discover how all this began, why it is the way it is, and what is the fate of our solar system, galaxy and universe. Investigate the wonders of the electromagnetic spectrum while pondering the immensity of unseen dark matter and dark energy. Marvel at the imaginary and special effects from videos showcasing our special and unique place among the cosmos. Join Mr. Pinzino and your peers as we journey back in time to witness how we discovered many answers to those questions that have been asked for millennia and start formulating you own questions about the cosmos. In addition to the wonders of the cosmos made comprehensible, we hope to impart the ways of science, otherwise known as the nature of science in hopes you will come to appreciate science for what it can and cannot answer.

MARINE SCIENCE

Grade 11-12

1 credit

Prerequisite: Biology with a "C" minimum; pass and Chemistry

The purpose of this course is to provide the student with a survey of the marine ecosystem. This course requires dissection labs with marine specimens.

FORENSIC SCIENCE I

Grade 11-12

1 credit

Co-requisites or prerequisite: Earth Science Honors or Earth Science Regular plus teacher recommendation

This course is an academic elective; however, it will NOT meet the requirement of a science credit for graduation purposes. This course will bring together all the concepts and skills of science and present them in the real-world applications in crime scene investigations. This program summarizes research skills and basic forensic science. This is a laboratory-based course that identifies the interface of science and the law. Students will learn how to use the scientific method to solve legal problems. They will be exposed to the techniques, skills and technological innovations being used in the modern crime laboratory.

GENETICS HONORS

Grade 10-12

1 Credit

Genetics will be a new course offered here at Riverview and taught by Mr. Pinzino, who will no doubt make this particular field study of the very small come to life. The grandeur of this exploration into the genes and inheritance in all living things is sure to be satisfying and

rewarding to your own life and your many relatives. It is sure to bring into view the magnificent power of the genes, the source code of life, and their struggle to remain copied for eternity. Join us as we investigate the probabilities of inheritance and the explanatory power this comprehensive understanding of how natural selection operates. Begin to appreciate the selfish gene and the influences it has on shaping the landscape of life and its behaviors. As with any new course, there is a certain excitement and ownership that many students enjoy from the assistance of creating a great course.

ZOOLOGY

Grade 10-12

1 credit

The study of animals or zoology is akin to getting to know your closest relatives all the way to our most distant ones. Discover how evolution has shaped the life we see today and what sort of selection pressures are shaping the future of this planet and the life that depends on it. Be a part of the journey to understand our place among the complexity of life on earth while investigating the denizens of extinct life that has left both its imprint and descendants on earth. We will explore the main phyla of the Animalia kingdom and learn what milestones and unique survival tools they brought to bear and the environmental obstacles all life must endure to successfully leave offspring to carry on their lineage. In addition to the comprehensive understanding about animal life on earth and why it is the way it is, we will dissect a few representatives comprising the fish, amphibians, reptiles, birds, and mammals in order to get up close and personal with their anatomy.

SOCIAL STUDIES

U.S. GOVERNMENT HONORS

Grade 12

½ credit

The purpose of this course is to provide students with the opportunity to acquire a comprehensive understanding of American government and political behavior.

WORLD HISTORY HONORS

Grade 10-12

1 credit

The purpose of World History Honors is to provide students with the opportunity to acquire a comprehensive understanding of the past in terms of what has been interpreted about change or process as it relates to the development of humanity. This is done by analyzing the political, economic, social, religious, military, dynastic, scientific, and cultural events that have shaped and molded humanity. Implicit in this is an understanding of interpretation, and the issues of external and internal validity.

UNITED STATES HISTORY HONORS

Grade 11

1 credit

This course provides students with an in-depth study of American history from colonization to the contemporary issues that face American citizens. The emphasis is on developing an understanding of American life and attitudes today by looking at our political, social, and economic past.

ECONOMICS HONORS

Grade 12

½ credit

The purpose of this course is to provide students with the opportunity to acquire a comprehensive understanding of the way in which society organizes to utilize its limited resources to satisfy unlimited wants and the distinguishing characteristics of other types of economic systems with particular attention to the American mixed market system. The major emphasis is to supply the student with the tools to examine and analyze the implications of market solutions and public policy decisions related to economic problems.

LAW STUDIES

Grade 10-12

½ credit

The purpose of this course is to provide students with a firsthand opportunity to study and understand the criminal justice system. It includes the study of juvenile law, rights of the accused, and a critical analysis of courtroom procedures. (Criminal Law)

COURT PROCEDURES

Grades 10-12

2nd semester only

½ credit

Prerequisite: Law Studies

The purpose of Court Procedures is to provide students with an in-depth “hands-on” approach to the workings of The Criminal Justice system, including each phase of a courtroom trial. This is accomplished through mock trials where students take on the role of attorneys, witnesses, and jurists. Students will also be able to explore the role of the Supreme Court in the Judicial System and will argue cases in front of a mock Supreme Court.

SOCIOLOGY

Grade 10-12

½ credit

This course provides students with an opportunity to learn a basic understanding of group interaction and its impact upon individuals in any given society. Appropriate concepts and skills are developed in connection with course content.

PSYCHOLOGY I

Semester 1

Grade 10-12

½ credit

Psychology I is an introductory course, designed to help the student understand the workings of the mind during high school years. The different ways a person deals with interpersonal relationships with friends and family will be explored. Basic psychological principles of personality will be discussed & analyzed.

PSYCHOLOGY II

Grades 10-12

2nd semester only

½ credit

This course is designed to help students gain a better understanding of themselves and others. The areas of interaction, motivation, perception, and stress will be covered.

PHILOSOPHY HONORS

Grade 11-12

½ credit

The learner will explore the foundations of philosophy through a historical exploration of the great thinkers. The course will focus on the definition and application of philosophy,

appropriate vocabulary, and the notion that everyone should be engaged in the “doing” of philosophy. The content should include, but not be limited to, the following: definition and application of philosophy, vocabulary of philosophy, master philosophies, and development of a personal philosophy.

THE HISTORY OF THE VIETNAM WAR

Grade 10-12

½ credit

This course examines events affecting the Vietnam War and evaluates the Vietnam War's effect on our lives today.

LEADERSHIP SKILLS DEVELOPMENT (STUDENT GOVERNMENT)

Grade 10-12

½ credit

Prerequisite: Meet all the below criteria and possess at least a 3.0 GPA. See Mrs. Hike, room 205, for an application.

The purpose of this course/leadership group is to teach leadership skills, parliamentary procedure, problem solving, decision making, communication skills, group dynamics, time and stress management, public speaking, human relations, team building, and other group processes. Students will need to fill out a detailed application, including faculty recommendations, in the spring. Students who would like entrance into Student Government should understand that it requires a very large commitment of time and work outside of school hours for the entire school year. Only those students who meet the rigorous selection criteria will be called back for a personal interview. The Student Government faculty advisor makes the final roster selection. This class is limited to the most highly qualified candidates.

AFRICAN AMERICAN HISTORY

Grade 10-12

½ credit

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

WORLD RELIGIONS

Grade 10-12

½ credit

The World Religions course consists of the following content area strands: World History, Geography and Humanities. The primary content emphasis for this course pertains to the study of major world religious traditions of Buddhism, Christianity, Confucianism, Hinduism, Islam, Judaism, Shintoism and Taoism . Students will identify criteria upon which religious beliefs are based, analyze relationships between religious and social and political institutions, trace the major developments of the world's living religions, distinguish the similarities and differences among the world's major religious traditions, synthesize information and ideas from conflicting religious beliefs, and interpret the development of a society as reflected by its religious beliefs.

VOCATIONAL EDUCATION COURSES

NAVAL JUNIOR ROTC

NAVAL SCIENCE I

Grade 9-12

1 credit

Co-requisite: Leadership Ed I

The following units are included in the first year of NROTC: The Spirit of American Citizenship and Navy JROTC, Techniques of Communication, Leadership, Cadet Challenge (Physical Fitness), Leadership Lab, First Aid and Your Health, Navigation, Overview of Citizenship through American History, Your American Citizenship, Optional Subjects: Marksmanship and Safety, Navy Customs and Courtesies, Consumer Education and Budgeting, Learning How to Lead: Ceremonial Drills, The Guide on in Formation, Learning How to Lead: Reviews, Contemporary Issues (Current Events), Communication Extras.

NAVAL SCIENCE II

Grade 10-12

1 credit

Prerequisite: Naval Science I

Co-requisite: Leadership Ed II

The second year of NJROTC includes the following units: **Maritime History**: Sea Power and Early Western Civilization, The American Revolution, 1775-1783, The Growth of American Sea Power, 1783-1860, The Civil War, 1861-1865, The Rise to World Power Status, 1865-1914, World War I, 1914-1918, The Interwar Years, 1918-1941, **World War II**: The Atlantic War, 1941-1945, **World War II**: The Pacific War, 1941-1945, The Cold War Era, 1945-1953, The Cold War Era, 1953-1991, The 1990s and Beyond. **Leadership**: NJROTC Leadership, Approaches to Leadership, Leadership Skills. **Nautical Sciences (Maritime Geography)**: Maritime Geography of the Western Seas, Maritime Geography of the Eastern Seas. **Oceanography**: Earth's Oceanographic History, Undersea Landscapes, **Seawater**: Its Makeup and Movements, Life in the Seas. **Meteorology**: Our Atmosphere, Clouds and Fog, Wind and Weather, Fronts and Storms, Weather Forecasting. **Astronomy**: Astronomical Observations. The Moon, The Sun, The Planets, Asteroids, Comets, and Meteors, The Stars. **Physical Science**: Motion, Force, and Aerodynamics, Buoyancy, Basic Electricity, Electronics, Sound and Sonar

NAVAL SCIENCE III

Grade 11-12

1 credit

Prerequisite: Naval Science II

Co-requisite: Leadership Ed III

The third year topics include: Introduction to NAVAL SCI III, Techniques of Communication, Leadership, Cadet Challenge (Physical Fitness), Leadership Lab (Drill Ceremonies), First Aid, Drug Abuse Prevention Program, Navigation, American Naval History, Your American Citizenship, Career Opportunities, Role of the U.S. Armed Forces, Technology Awareness, Optional Subjects: Contemporary Issues (Current Events), Communication Extras and Methods of Instruction, Human Relations, Drill, Orienteering, Approved Optional Subjects.

NAVAL SCIENCE IV

Grade 11-12

1 credit

Prerequisite: Naval Science III

Co-requisite: Leadership Ed IV

The fourth year topics include: Introduction to NAVAL SCIENCE IV, Techniques of Communication, Leadership, Cadet Challenge (Physical Fitness), Leadership Lab (Drill Ceremonies), First Aid, Drug Abuse Prevention Program, Navigation, American Naval History, Your American Citizenship, Career Opportunities, Role of the U.S. Armed Forces, Technology Awareness, Optional Subjects: Contemporary Issues (Current Events), Communication Extras and Methods of Instruction, Human Relations.

AGRICULTURE

AGRICULTURE FOUNDATIONS I

Grade 9-12

1 credit

This is the prerequisite for all Agriculture Job Prep Programs. Competencies include but are not limited to: Ag history, global importance, careers, applied scientific and technological concepts, ecosystems, safety, pest management, plant growth management, marketing and human relations. Many hands on activities in the shop and land lab help to learn by doing. The FFA student organization is an integral part of this and all agriculture courses.

AGRITECHNOLOGY 1/LEVEL 2

Grade 9-12

1 credit

PREREQUISITE: AGRICULTURE FOUNDATIONS I

This course focuses on plant, animal and mechanical topics with a focus on leadership skills.

AGRITECHNOLOGY 2

Grade 9-12

1 credit

PREREQUISITE: AGRICULTURE FOUNDATIONS I

This course is designed to develop competencies in the areas of job and training requirements; professional organizations; crop identification; planting crops; fertilizer calculations and application; irrigation; pest control; harvesting, packing, and grading crops, safe equipment operation; finance; and employability skills.

AGRICULTURAL COMMUNICATIONS 2

Grade 10-12

1 credit

Did you enjoy Ag Foundations? Ag Communications fulfills the Performing Arts graduation requirement by focusing on communications in the Agriculture Industry. Learn more about Agricultural planning, management, communication skills, community issues and health, safety and environmental issues. Design informational brochures, public service announcements, web pages and much more. This class includes instruction in Animal and Plant Production, Ag Marketing and Communications, employability skills and human relations skills.

ANIMAL SCIENCES AND SERVICES 2

Grade 9-12

1 credit

Prerequisite: Agriculture Foundations I

This course is designed to develop competencies in the areas of safety; animal behavior; animal welfare; animal control; and employability skills. Using the land lab facilities to teach

identification and functions of animal systems, normal and abnormal behavior along with looking at issues that directly affect the animal industry are covered. FFA is an important part of this program.

ANIMAL SCIENCES AND SERVICES 3

Grade 9-12

1 credit

Prerequisite: Animal Sciences and Services 2

This course is designed to develop competencies in the areas of animal digestive systems; animal breeding; preventive medicine and disease control; control of parasites; animal marketing; and analyzing records. Everything from breeding to marketing of livestock is covered using many hands on activities. A more in depth look is taken of the animal industry. FFA is an important part of this program.

ANIMAL SCIENCES AND SERVICES 4

Grade 9-12

1 credit

Prerequisite: Animal Science and Services 3

This course is designed to develop competencies in the areas of nutrition; grooming, exhibiting and marketing animals; operation, maintenance and repair of equipment. Applying all the information covered in the previous 3 courses is a major component of this level.

ANIMAL SCIENCES AND SERVICES 5

Grade 9-12

1 credit

Prerequisite: Animal Science and Services 4

This course is designed to develop competencies in the areas of maintaining and analyzing records; animal health practices; and emergency first aid for animals. The skills learned in this level apply to the real world livestock industry. Being able to maintain records, develop lease programs, look at laws and regulations that affect the industry along with maintaining the health of a herd of animals is covered in this course.

AGRICULTURAL BIOTECHNOLOGY 2 HONORS

Grade 10-12

1 credit

Prerequisite: Ag Foundations

This Honors level class is an applied Science of the Ag industry. Students must have Ag Foundations and Biology (preferable Honors) prior to this course and should have at least a level 3 on the Reading FCAT.

TECH AG. OPS 2 (Ag. Mechanics)

1 credit

Grades 9-12

This course is designed to develop competencies in the areas of safety; selection and use of tools; planning and building projects and construction of agricultural structures, including the use of electrical circuits, plumbing, concrete and masonry; and employability skills.

TECH AG. OPS 3 (Ag. Mechanics)

1 credit

Grades 9-12

This course is designed to develop competencies in the areas of welding; small gasoline

engine service and repair; preventative maintenance procedures; irrigation system repair; refrigeration; new and emerging technologies; financial management skills; and employability skills.

VETERINARY ASSISTING

Vet Assisting is a rigorous academic course. It is recommended that students enrolling in Vet Assisting have scored at least a 3 on the Reading FSA. Students without this minimum score should take Ag Foundations in 9th grade and Vet Assisting in 10th grade. Students in 9th grade should also take Biology Honors.

VETERINARY ASSISTING I

Grade 9-12

1 credit

Veterinary Assisting is an exciting course featuring hands on work with animals. Because of the academic content, it is recommended that Vet students have scored at least a Level 3 on the Reading FCAT. Students with lower test scores are welcome in Veterinary Assisting, but should first take Agriculture Foundations 1 or Animal Science 2 prior to Veterinary Assisting 1. This course is designed to develop competencies in areas such as the history of the animal industry; applied scientific and technological concepts; ecosystems; safety; and human relations skills. Students study the basics of veterinary medicine through many hands on activities involving the feeding and care of animals, understanding basic medical terminology and developing an appreciation for how a veterinary office is run. FFA and HOSA are an important part of this program.

VETERINARY ASSISTING II

Grade 9-12

1 credit

Prerequisite: Veterinary Assisting I.

This course is designed to develop competencies in the areas such as global importance of the animal industry; career opportunities; animal behavior; animal welfare; and animal control. Identification of the parts of animal systems is an important component of this course along with recognizing normal and abnormal behavior in animals. Dissection, live and virtual, will help the students to better understand the systems of the animal.

VETERINARY ASSISTING III

Grade 9-12

1 credit

This course includes the study of animal digestive systems, animal breeding, animal control, animal overpopulation, animal related laws and breeds.

VETERINARY ASSISTING IV

Grade 9-12

1 credit

Co-requisite: Veterinary Assisting V Honors

This course includes the study of animal welfare and rights, research, recordkeeping, diseases and parasites.

VETERINARY ASSISTING V

Grade 9-12

1 credit

Requirement: CBT Insurance and fee

Co-requisite: Veterinary Assisting IV Honors.

This course includes the study of grooming, effects of captivity of exotics, genetics and biotechnology in reproduction; diagnostic and therapeutic testing, surgical preparation and pharmacology.

EQUESTRIAN STUDIES

Grade 9-12

1 credit

This course is designed to develop competencies in the areas of leadership, equine history and domestication, equine breeds and characteristics, anatomy, behavior, safety, grooming, handling and equitation skills with horses.

BUSINESS TECHNOLOGY, MARKETING & PUBLIC SERVICE EDUCATION

- ❖ **FUTURE BUSINESS LEADERS OF AMERICA (FBLA) is the co-curricular student organization for business students.**
- ❖ **DISTRIBUTIVE EDUCATION CLUB OF AMERICA (DECA) is the co-curricular student organization for marketing students.**

DIGITAL DESIGN I (Desktop Publishing)

Grade 9-12

1 credit

Recommended prerequisites: Computing for College & Careers

Students learn Desktop Publishing skills including layout and graphic design to produce publications used in advertising, publishing, travel, and other businesses. Projects include flyers, magazine covers and advertisements, CD covers, menus, brochures, holiday cards, and other theme-related projects. Software programs include Adobe InDesign, Photoshop, and Illustrator.

DIGITAL DESIGN II HONORS

Grade 10-12

1 credit

Prerequisite: Digital Design I and teacher approval

Students learn advanced techniques in graphic design and layout using Adobe InDesign, Photoshop, and Illustrator. A mastery project is completed in conjunction with web design, accounting, and business ownership classes. Upon completion, students are qualified to work in a design or publishing company. Industry certification exams will part of the curriculum.

DIGITAL DESIGN III HONORS

Grade 11-12

1 credit

Prerequisite: Digital Design I & II and teacher approval

Students master high-level techniques in graphic design and layout. The course is individualized and project-driven.

DIGITAL INFORMATION TECHNOLOGY

1 credit

Grade 9-12

This course is designed to provide students the opportunity to develop skills needed in today's business environment, including keyboarding and use of Microsoft Office using Word (word processing), Access (databases), Excel (spreadsheets), and PowerPoint (presentations), Microsoft Office Industry certification tests are parts of this course. This course

is a Practical Arts Credit for students entering 9th grade in 2012-13*

FOUNDATIONS OF WEB DEVELOPMENT HONORS (WEB DESIGN I)

Grade 9-12

1 credit

Recommended prerequisite: Computing for College & Careers

This course provides broad skills emphasizing elements of web technology including HTML, CSS, and internet web design/development. Industry certification exams are part of the curriculum.

USER INTERFACE DESIGN HONORS (WEB DEVELOPMENT II HONORS)

Grade 10-12

1 credit

Prerequisite: Web Design I and teacher approval

This course builds upon previous web skills and provides applications using Fireworks MX 2004, Dreamweaver MX 2004, and Flash MX 2004.

ACCOUNTING

ACCOUNTING APPLICATIONS I

Grade 9-12

1 credit

Accounting is one of the fastest growing fields of employment. This course introduces students to double-entry accounting; how business transactions are recorded; the preparation of various documents used in tracking income, expenses, acquisition of assets, incurrence of liabilities, and changes in equity; and the preparation of financial statements. The use of computers is required.

ACCOUNTING APPLICATIONS II HONORS

Grade 10-12

1 credit

Prerequisite: Accounting Applications I and teacher approval

Students continue to study accounting principles with emphasis on corporations, voucher systems, cash receipts, petty cash, payroll records, and internal control systems.

OJT (ON-THE-JOB TRAINING)

BUSINESS COOPERATIVE OJT

7th period Grade 11-12

1 credit

8th period Grade 11-12

1 credit

Prerequisites: Students must be co-enrolled in at least one Career and Technical Education class.

Students may opt to enroll for two periods of OJT for an earlier release time and double elective credit.

This course provides the on-the-job training component to prepare students for employment. Students are released early from school and receive elective credit for working part-time. Students must have reliable transportation and maintain employment in an appropriate job.

MARKETING

MARKETING MANAGEMENT I

1 credit

Grade 10-12

This program examines the role and importance of marketing in the firm and other organizations. Topics such as marketing plans/strategies, marketing research, market segmentation, retailing, advertising, pricing, internet marketing etc. will be examined.

MARKETING APPLICATIONS II

1 credit

Grade 10-12

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in Marketing, Sales and Service.

MARKETING MANAGEMENT III HONORS

Grade 10-12

1 credit

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Marketing, Sales & Service career cluster. *DECA, Distributive Education Clubs of America, is an integral part of the marketing program.

CUSTOMER SERVICE OFFICE ASSISTANTS

CUSTOMER SERVICE I

1 credit

Grade 10-12

The purpose of this program is to prepare students for employment in customer service occupations such as customer service representative, customer service consultant, customer service agent, and customer care manager. The program is designed to prepare students for employment in entry level positions involving customer service activities.

CUSTOMER SERVICE II

1 credit

Grade 10-12

The purpose of this program is to prepare students for employment in customer service occupations such as customer service representative, customer service consultant, customer service agent, and customer care manager. The program is designed to prepare students for employment in entry level positions involving customer service activities.

CUSTOMER SERVICE III

Grade 10-12

1 credit

The purpose of this program is to prepare students for employment in customer service occupations. Students will divide their time between in-class coursework and on-the-job training in the school's offices. Microsoft Office Industry Certification is part of the curriculum.

PRACTICAL ARTS (STUDENT ASSISTANT)

PRACTICAL ARTS GENERAL (Student Assistants)

Grade 12

1 credit

Prerequisite: Guidance or Teacher Approval

The purpose of this course is to provide students with employability and practical office skills by working in the different areas of the school's administrative offices. Curriculum includes

human relations, communications, ethics, and employability skills.

FAMILY & CONSUMER SCIENCES

CHILD DEVELOPMENT

Grades 9-12

1st semester only

½ credit

The purpose of this course is to prepare students to understand the nature of child development from prenatal care through age twelve including the function and significance of the parenting experience. The content includes, but is not limited to, basic needs of children and youth, principals of human development, prenatal care, the birth process, and responsibilities of parents.

PARENTING SKILLS – 2nd semester only

Grades 9-12

2nd semester only

½ credit

The purpose of the course is to prepare students for the multiple roles essential to becoming a model parent and to understand the dual roles of males and females as parents and wage earners. This course will also enhance their abilities to assist children to become effective citizens in a multi-cultural and technological society. The content includes, but is not limited to, parenting roles and responsibilities; nurturing and protective environments for children; positive parenting strategies and effective communication in parent/child relationships.

NUTRITION AND WELLNESS

Grades 9-12

2nd semester only

½ credit

This course prepares students to understand the relationship between nutrition and wellness. The course provides for selection, preparation, service and storage of foods. It allows students to use technology to practice meal management techniques directed toward nutritional food choices. Students learn to create individual health plans to optimize their health and food choices. Cooperative groups engage in wellness and cooking labs.

PRINCIPLES OF FOOD PREPARATION

Grades 9-12

1st semester only

½ credit

The purpose of this course is to prepare students to understand the principles of food preparation, selection and storage, basic food preparation, and selection of food services. Learning activities are provided in a laboratory setting using current technology and materials.

SENIOR SURVIVAL (STATE TITLE = FAMILY HOME CONSUMER SCIENCE)

Grade 12

1 credit

This course is designed for senior students to learn basic life skills necessary for survival both during and after high school. Objectives include learning to: budget, bank, manage credit, find a job, create a professional portfolio, cook, buy a car, and lease an apartment. More importantly, students can learn to set post-secondary goals. Seniors enrolled participate in field trips to colleges, local banks and businesses. Students also participate in FCCLA club events. Guest speakers from all types of professional backgrounds frequently visit the class

CULINARY ARTS

CULINARY ARTS I

Grade 9-12

1 credit

This course prepares students for initial entry into the food service industry and addresses topics including the use and care of commercial tools and equipment, personal productivity and food and beverage preparation.

NOTE: After taking Culinary Arts I, students should take Culinary classes in a two-period block.

CULINARY ARTS II

Grade 10-12

1 credit

Prerequisite: Culinary Arts I

This course concentrates on the basic skills in the first course plus includes hands-on experiences using commercial tools and equipment.

CULINARY ARTS III

Grade 10-12

1 credit

Prerequisite: Culinary Arts I and II

Students receive more advanced hands-on food preparation experiences and learn to serve customers in a simulated catering business and/or school restaurant. When a student has completed the Food Production and Services core he may move to the next level which includes more "management" type concepts.

HOSPITALITY & TOURISM (Culinary Level 4 & higher)

Grade 11-12

1 credit

Prerequisite: Culinary Arts 3

Students continuing in Culinary can take one or more periods of this directed-study culinary class.

COMMUNICATIONS TECHNOLOGY

COMMUNICATIONS TECHNOLOGY I (GRAPHIC COMMUNICATIONS)

Grade 9-12

1 credit

This course provides students with an introduction to the knowledge and technical skills that are needed within the Graphic Communication industry. Students will learn basic Desktop Publishing skills using Adobe InDesign and Adobe Photoshop. They will also receive an introduction to various printing processes and procedures such as: screen printing, offset printing, duplication, dye sublimation printing, laser printing and inkjet printing. Here is a list of a few of the projects that level 1 students will complete during the school year: single color business cards, single color notepads, single color screen printing (t-shirt), dye sublimation coffee mug, magazine cover design, package design (pen box), 3D landscape project, Electronic Greeting Card (animation), Photoshop effects and Text effects, and single color vinyl graphics sticker.

COMMUNICATION TECHNOLOGY II

Grade 9-12

1 credit

Prerequisite: Communication Technology I

In this course students will learn advanced applications in Adobe InDesign, Illustrator, Photoshop and Flexisign pro. Students will learn the difference between spot color and process

color printing as well as compounding and cutting complex vector images. Students will begin to understand how to link their educational knowledge to the real world through projects and activities centered on the world of work. Advanced knowledge of printing processes and procedures will be practiced along with knowledge of trim marks, printer marks, registration marks, color separations and color bars. Here are a few projects that level 2 students will complete during the school year: 3 custom vinyl graphics, spot color business cards or notepads, 2 color screen printing (t-shirt), advanced effects, text effects, and photo manipulation, banner design, vehicle graphics & wrap design, advanced digital photography, package design (cereal box) and intermediate animation techniques and much more. Students will also have the opportunity to become industry certified in: Adobe InDesign, Illustrator, Photoshop, Dreamweaver, Flash or Premiere.

COMMUNICATION TECHNOLOGY III HONORS

Grade 10-12

1 credit

Prerequisite: Communication Technology I and II

In this course students will continue improving their skills using Adobe InDesign, Illustrator, Photoshop and Flexisign Pro. The projects in this course are strictly "real world" related and will help students understand the type of work required if they pursue a career in the Graphic Communications Industry. The first half of the year students will have used every piece of equipment in the room: Laser engraver, Vinyl Cutter, Screen Printer, Pad Printer, Embroidery Machine, Versacamm color plotter, Offset press and more. During the second half of the year students will complete a 12 part digital portfolio project. Students will also have the opportunity to become industry certified in: Adobe InDesign, Illustrator, Photoshop, Dreamweaver, Flash or Premiere.

ADVANCED TECHNOLOGY APPLICATIONS (COMMUNICATION TECHNOLOGY IV) HONORS

Grade 11-12

1 credit

Prerequisite: Communication Technology I-III and teacher recommendation

Students in this course are graded daily and are responsible for completing all the work we receive from area businesses and schools. Students in this class already know all the software and equipment used in the course and can take on any job with little to no supervision. Students are responsible, not only for completing jobs, but for obtaining them, too. Students will go out into the community to find work for this course. They will be: customer service representatives, sales people, graphic designer, production workers, installers and delivery people. They will learn all aspects of how businesses are started, run and grow. This includes the understanding of: markup, inventory, estimates, work orders, wholesale vs retail, equipment costs and material costs. As a group project, students will also create at least 2 fundraiser projects during the school year. They will design, created, market, sell and evaluate success rates upon completion of this project (all funds go back into the program for supplies and or equipment). Students will also be able to earn multiple industry certifications before the end of the school year (Adobe, Photoshop, Illustrator, InDesign, Flash, Dreamweaver and Premiere.)

COMPUTER ELECTRONIC TECHNOLOGY (COMPUTER REPAIR)

CSIT FOUNDATIONS I

Grade 9-12

1 credit

This is the first course in Computer Electronics. Students will learn how to operate, build, and

repair computers in this series of courses designed to prepare students for the workplace and for college. These are academically rigorous “hands-on” courses in which you will learn how to excel in this rapidly-growing and high-paying field. These courses can lead to A+ Certification for computer service technicians and software help desk specialties.

CSIT SYSTEMS Essentials

Grade 10-12

1 credit

Prerequisite: CSIT Foundations

Level 2 Computer Electronics

These are academically rigorous “hands-on” courses in which you will learn how to excel in this rapidly-growing and high-paying field. These courses can lead to A+ Certification for computer service technicians and software help desk specialties.

CSIT NET SYSTEMS. CONFIG.

Grade 10-12

1 credit

Level 3 Computer Electronics

This course continues to build on CSIT Foundations. These are academically rigorous “hands-on” courses in which you will learn how to excel in this rapidly-growing and high-paying field. These courses can lead to A+ Certification for computer service technicians and software help desk specialties.

CSIT NET SYSTEMS DEG/ADM

Grade 10-12

1 credit

Level 4 Computer Electronics

This course continues to build on CSIT Foundations and Net Systems Configurations. These are academically rigorous “hands-on” courses in which you will learn how to excel in this rapidly-growing and high-paying field. These courses can lead to A+ Certification for computer service technicians and software help desk specialties.

WORLD LANGUAGES

We recommend students take Foreign Language in 10th grade unless they have scored at least a 4 on the Reading FSA, are a native speaker, or have completed Spanish I or French I in Middle School.

FRENCH I

Grade 9-12

1 credit

The purpose of this course is to introduce students to the French language and its culture, and to develop communicative skills. Students will learn about countries around the world where French is spoken. The content of this course includes listening, speaking with emphasis on pronunciation, reading and writing. By the end of the first semester, students will be able to write a paragraph in French on topics that have been studied in class as well as speak about these topics.

FRENCH II

Grade 9-12**1 credit****Prerequisite: French I**

The purpose of this course is to reinforce the skills acquired in French I. This course develops increased listening, speaking, reading, and writing skills. This course continues the cultural survey of the French-speaking people in order to develop cultural awareness. Reading and writing receive more emphasis, as well as increased composition skills. Students will spend more time learning to speak and write in various tenses: present, past, and future. Students will be required to write two paragraphs in French and speak about topics studied for semester exams.

FRENCH III HONORS**Grade 10-12****1 credit****Prerequisite: French II**

This is an in-depth course that will build on many of the same topics presented in French I and II. Speaking, reading, and writing will be stressed as you are challenged with the language. You will study the culture of France and other French-speaking countries. You will be introduced to higher-level vocabulary and the primary focus will be to increase your ability to communicate in French. Students will receive Honors points for this course.

SPANISH FOR SPANISH SPEAKERS I**Grade 9-12****1 credit**

The purpose of this course is to provide a review of fundamental grammar and culture for students who speak Spanish as a native language, focusing on oral and written communication free from English interference. The content should include, but not be limited to, the reinforcement of the students' ability to communicate ideas and feelings, both orally and in writing, and the development of comprehension skills through the study of reading selections. The different cultures of the Spanish-speaking countries will be studied.

SPANISH FOR SPANISH SPEAKERS II**Grade 9-12****1 credit**

The purpose of this course is to continue the development of oral and written communication, and cultural study. The content should include, but not limited to, the development of oral communication skills by giving oral information, instructions, directions, explanations, and messages, both composing originally in Spanish and through translations from English to Spanish; the development of written communications skills including practice in describing story characters, real persons, animals, natural phenomena, and summarizing facts and ideas; and the study of culture including the lives and contributions of famous Hispanic people.

SPANISH I**Grade 9-12****1 credit**

The purpose of this course is to introduce students to the Spanish language, its culture, and to develop communication skills. Students will learn about countries around the world where Spanish is spoken. Students will acquire an appreciation for other cultures, groups of people, and ways of life. The content of this course includes listening and speaking with special emphasis on pronunciation, reading and writing. Because of the content of this course, it will not be available to native speakers of the Spanish language.

SPANISH II**Grade 9-12****1 credit****Prerequisite: Spanish I**

This course will continue expanding the listening, speaking, reading, and writing skills the student developed in Spanish I and aim toward increasing their proficiency level. The student will achieve greater fluency and accuracy as you learn to express, interpret, and negotiate meaning in a creative, productive, and safe environment.

SPANISH III HONORS**Grade 10-12****1 credit****Prerequisite: Spanish II**

This is an in-depth course that will review and study many of the same topics presented in Spanish I and II but to a greater degree. Speaking, writing, and reading skills will expand as you are challenged with the language. You will continue to study Hispanic culture and traditions, and will have the opportunity to make presentations about the culture. You will be introduced to higher level vocabulary and will also be introduced to the works of some of the major writers of the Spanish-speaking world. At all times, the primary focus will be to increase your ability to communicate in Spanish with ease and confidence. Students receive Honors points for this course.

SPANISH IV HONORS**Grade 9-12****1 credit****Prerequisite: Spanish III**

This course will develop an intermediate-mid to an intermediate-high proficiency in the language by engaging in a variety of communicative activities that focus on developing reading, writing, speaking, and listening skills in the foreign language. In addition, the student will develop cultural awareness of famous Hispanic artists and authors by examining their works and reading short stories. Students receive honors points for this course.

**RIVERVIEW HIGH SCHOOL
STUDENT PLANNING FORM**

STUDENT NAME _____ STUDENT # _____

PLANNING TIPS:

- 1) Each student **MUST** indicate the equivalent of 7 one-credit courses for programming for the entire year. The student should indicate the required courses and most preferred courses first with #1 being the most preferred/required course. The student can choose a combination of full credit and half credit courses. Simply write the title of the course in the spaces provided below.
- 2) Each student should indicate some alternate choices and place them in numerical order of preference in case conflicts arise and a more preferred class cannot fit in the schedule.
- 3) The student may cut this planning document out and bring it with him/her when the student meets with the counselor to finalize the official programming sheet.

	1 CREDIT COURSES	1/2 CREDIT COURSES	ALTERNATE CHOICES
1.			
2.			
3.			
4.			
5.			
6.			
7.			

NOTES:

10th-12th Grade Courses