

PROGRAM OF STUDIES

BUNNELL HIGH SCHOOL • STRATFORD HIGH SCHOOL
GRADE 9 Brochure



2021 – 2022

STRATFORD PUBLIC SCHOOLS



This booklet provides information on courses students can take when they enter grade 9. For a complete list of courses and for additional information, please see the full Program of Studies on the district website.

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Changes may be necessary due to budget, staffing, and/or scheduling constraints. Every effort has been made to check information for accuracy.

STRATFORD PUBLIC SCHOOLS: DISTRICT MISSION STATEMENT

The mission of the Stratford school community is to ensure that all students acquire the knowledge, character, and 21st century skills to succeed through high quality learning experiences and community partnerships within a culture of diversity and respect.

INFORMATION FOR STUDENTS AND PARENTS

SELECTION OF SUBJECTS

Each student's schedule must include the required subjects for each year and those subjects which meet promotion and graduation requirements. Stratford's high schools provide opportunities for all students to explore a wide variety of concepts in art, music, business, family and consumer science, technology education, physical education, health and world languages, as well as in language arts, mathematics, science, and social studies. Course offerings are dependent upon staffing and enrollment.

A school counselor assists each student in planning a program which is appropriate to personal needs, interests, and abilities. A carefully selected program each year will help students attain the district standards for a Stratford graduate. Part of the decision depends on the student's future plans, whether for higher education, industry, business, or a variety of other choices. A balance of studies will help develop skills necessary for immediate job entry, as well as continuation into higher education and will enrich the student's experiences, provide lifetime skills, and further the understanding of others and the world in general.

Parents/guardians are urged to take an active part in helping their children make wise decisions regarding the selection of courses and are encouraged to consult with the school counselor concerning the subject selection for each year. Parent/guardian signatures on the student's final course selection sheet will be solicited.

Students must be enrolled in a minimum of six courses per semester.

- Some subjects may be available only at certain grade levels, and some have "prerequisites."
 - A prerequisite may establish a grade requirement or require the completion of another course before the desired course may be studied.
- Some courses may be offered every other year.
- Students should plan their programs accordingly.

LEVELS OF INSTRUCTION

Courses are leveled in the high schools.

- Courses in the core academic content areas (English, Mathematics, Science, Social Studies) are leveled as Advanced Placement (AP), Honors, and College Prep (CP).
- English 1 (grade 9) and English 12th grade half year courses and all half year social studies courses are offered as College Prep (CP) with an Honors option.
- All courses in elective content areas (Art, Career and Technology Education, Music, World Language) are offered as College Prep (CP) unless noted (Honors or AP).

Each student's level of instruction is determined by the school and is based on teacher recommendation, test results, and past achievement. Each student's level may vary from subject to subject. Any questions regarding course levels should be directed to the student's school counselor.

PROMOTION AND GRADUATION REQUIREMENTS

HIGH SCHOOL CREDIT REQUIREMENT for the CLASS 2023 and Those Thereafter

| Promotion To: | Full Promotion Number of Credits | Deficient But Promoted Number of Credits | Retained Number of Credits |
|----------------------|---|---|---------------------------------------|
| Grade 10 | 6.0 | 5.0 | Below 5.0 |
| Grade 11 | 12.0 | 11.0 | Below 11.0 |
| Grade 12 | 18.0 | 17.0 | Below 17.0 |
| Graduation | 25.0 | | |

GRADUATION REQUIREMENTS: Starting with the Class of 2023

Credit Distribution Requirement--Starting with the Class of 2023

| Area | Subjects (if specified) | Credit Requirement |
|-------------------------------------|--|--------------------|
| HUMANITIES | | 9 total |
| | English | 4 |
| | Social Studies (1 World History, 1 US History, .5 Civics, .5 Elective) | 3 |
| | Arts | 1 |
| | Elective in Humanities* | 1 |
| STEM | | 9 total |
| | Science | 3 |
| | Math | 3 |
| | Personal Finance | .5 |
| | Elective in STEM** | 2.5 |
| PE and WELLNESS | | 1 |
| HEALTH and SAFETY | | 1 |
| WORLD LANGUAGE | | 1 |
| MASTERY BASED ASSESSMENT (CAPSTONE) | | 1 |
| ADDITIONAL ELECTIVES | | 3 |
| | | 25 TOTAL CREDITS |

***Humanities Elective Options:** The following courses can count toward the Humanities elective credit if not taken to fulfill the required credits in English, Social Studies, Arts or Career and Technology Education: Advanced Art, Advanced Theatre Arts & Vocal Production, Advertising Art/Graphic Design, African American/Black and Puerto Rican/Latino Course of Studies, Annual Writing 1/2/3H, AP Language & Composition, AP Literature & Composition, AP Music Theory, AP Psychology, AP Studio Art, Business Law, Ceramics, Child Development 1 & 2, Concert Band, Concert Choir, Conversations on Race, Crafts I, Crafts II, Creative Writing 1/2/3/4H, Design, Digital Art 1 & 2, Digital Text & Tools for Learning, Drawing, Economics, Fine Art I, Fine Art II, Independent Study in Art, International Relations, Introduction to Early Childhood Education 1 & 2, Introduction to the Guitar, Introduction to Individual and Family Development, Introduction to the Piano, Journalism 1/2/3/4H, Literacy Workshop, Music Technology, Music Theory, Photography, Psychology, Sectional Band, Select Choir, Sculpture, Sociology, String Orchestra, Teachers & Schools & Society, Theatre Arts and Vocal Production, Wind Ensemble Honors.

****STEM Elective Options:** Any course taken in mathematics or science (beyond the three credit requirements for each subject) can be counted as a STEM elective. In addition, the following Career and Technology Education courses also qualify: Accounting 1 & 2, Advanced Manufacturing Technology, Advanced Transportation Technology, Advanced Video Production, Allied Health Exploration, AP Mobile Computer Science Principles, Bakeshop 1 & 2, Business Management & Entrepreneurship, Career Development, Civil Engineering & Architecture, Computer-Aided Drafting and Design, Culinary Assistant, Digital Electronics, Emergency Medicine, Engineering Design & Development, Exploring Culinary Arts 1 & 2, Honors Business and Finance, Introduction to Culinary Arts, Introduction to Engineering Design, Introduction to Manufacturing Technology, Introduction to Transportation Technology, Introduction to Video Game Design, Manufacturing Technology, Medical Diagnostics, Medical Terminology, Microsoft Office/Computer Applications, Personal Finance 1, Personal Finance 2: Investing Your Money, Pre-Nursing, Principles of Engineering Honors, Rehabilitation Science and Sports Medicine, Sports and Entertainment Marketing, Technology Education Independent Study, Transportation Technology 1 & 2, Video Game Design 1 & 2 Honors, Video Production 1 & 2, Web Design/E-Commerce 1 & 2.

ALPHA – ALTERNATIVE HIGH SCHOOL PROGRAM

The ALPHA Program provides an alternative learning experience for high school students. The program provides small instructional classes, attention to individual academic and social needs, and an environment that minimizes the distractions. ALPHA is a program of choice with students applying for enrollment through a referral via their high school administration and school counselors. Students and their families participate in all aspects of the enrollment process and an interview is required. ALPHA students remain connected to their base high schools and may participate in all extra-curricular activities. Students are required to meet the same academic requirements for graduation as their peers at the district's traditional high schools. Interested students or parents should contact their school counselor or administrator at the high school for more information. Acceptance is based upon the high school recommendation, administrative approval, an interview with ALPHA administration, and a visitation to the program.

ART

It is recommended that all students take Design prior to taking other art courses. Several courses require the successful completion of Design as a prerequisite.

Possible Course Sequence:

| ART | Year 1-4 Semester Courses | Year 1 Full Year Course | Year 2, 3 or 4 Full Year & Semester Courses | |
|-----|------------------------------|----------------------------|--|--------------------------------|
| | Drawing (Semester) | Design (Full Year) | Crafts I (Full Year) | Crafts II (Full Year) |
| | Photography I (Semester) | | Fine Art 1 (Full Year) | Fine Art II (Full Year) |
| | Sculpture (Semester) | | Digital Art I (Semester) | Digital Art II (Semester) |
| | Ceramics (Semester) | | | Advertising Art (Full Year) |
| | | | Advanced Art (Full Year) | |
| | | | Graphic Design (Full Year) | |
| | | | AP Art (Full Year) | |
| | | | Additional Course Requirements | |

ART CORE COURSES Grades 9

All art courses meet the Arts graduation requirement

Design - 1 Credit

This course provides a thorough grounding in the elements (line, shape, form, texture, color, value, space) of design, with actual hands-on experiences in a wide variety of media. Design is the core course for all learning in the art department and prepares the student for a path that will lead to a career in visual arts. Preparation of a portfolio is required. This course serves as a prerequisite for other Art courses. **Prerequisite: None (Note: There is a \$10.00 material fee requirement for this class.)**

ART SEMESTER COURSES

Drawing - .5 Credit

Drawing is a semester course for the student who wants to learn to draw or to improve personal drawing skills. Course work is devoted to the exploration of pencil, pen and mixed media rendering techniques for the portrayal of realistic and imaginary subject matter. Preparation of a portfolio is required. **Prerequisite: None (Note: There is a \$10.00 material fee requirement for this class.)**

Photography - .5 Credit

The course objective is to learn to capture artistic photographs with a digital camera and use digital photo editing programs to manipulate images. Subject matter will vary from landscapes to portraits and abstract images. Photography prepares the student to use a variety of photographic equipment. Students are requested to provide their own digital or cell phone cameras. School cameras are available on a very limited basis. **Prerequisite: None. Design is recommended but not required prior to taking this course. (Note: There is a \$10.00 material fee requirement for this class.)**

Sculpture - .5 Credit

This course applies the elements of design and the imagination to produce three-dimensional additive and subtractive sculptural forms. The materials used include clay, metal, wood, paper, fabric, and plastics, which are formed into free standing, relief, or suspended structures. **Prerequisite: None. Design is recommended but not required. (Note: There is a \$10.00 material fee requirement for this class.)**

Ceramics - .5 Credit

The student will progress through a variety of challenging experiences with clay involving traditional and contemporary ceramic techniques used by the skilled craftsmen. This course also offers the basis for an individual avocation in adult life. **Prerequisite: None. Design is recommended but not required. (Note: There is a \$10.00 material fee requirement for this class.)**

CAREER & TECHNOLOGY EDUCATION (CTE)

CTE: ALLIED HEALTH CAREER ACADEMY

Possible Course sequence starting in Grade 10; students apply to the program in fall of grade 9:

| Pathway: | Year 1 | Year 2 | Year 3 | Year 4 |
|-------------------------------------|--------|-----------------------------------|---------------------|--|
| Diagnostic Pathway | | Allied Health Exploration (UConn) | Medical Diagnostics | Pre-Nursing |
| | | Medical Terminology (UConn) | Emergency Medicine | |
| Therapeutic Services Pathway | | Allied Health Exploration (UConn) | Medical Diagnostics | Rehabilitation Science & Sports Medicine |
| | | Medical Terminology (UConn) | Emergency Medicine | |

CTE: FAMILY AND CONSUMER SCIENCE EDUCATION

Possible course sequence:

| Pathways: | Year 1 | Year 2 | Year 3 | Year 4 |
|--|---------------------|--|--|--|
| Secondary Education Pathway | | Digital Text and Tools for Learning (SCSU) | Teachers, Schools and Society (SCSU) | Intro to Individual and Family Development (UConn) |
| Early Childhood and Elementary Teaching Pathway | Child Development 1 | Intro to Early Childhood Education 1 | Intro to Individual and Family Development (UConn) | |
| | Child Development 2 | Intro to Early Childhood Education 2 | | |

CTE: EDUCATION AND TRAINING CLUSTER

Teacher/Training Pathway

Child Development 1 - .5 Credit

This course explores human growth and development from the prenatal stages through infancy. Topics will include: decision making, roles and responsibilities of a parent, prenatal care, labor and delivery, care of the newborn and infant and the importance of early literacy intervention in the development of children.

Child Development 2 - .5 Credit

This course includes the study of the toddler with emphasis on the physical, intellectual, emotional, and social development. The course will also focus on positive discipline, appropriate activities for young children, reading and language development. Anyone who desires a career in education or working with children should consider this course. **Prerequisite: Student must earn a passing grade in Child Development 1.**

CTE: BUSINESS EDUCATION

Possible course sequence:

| Pathways: | Year 1 | Year 2 | Year 3 | Year 4 |
|-----------------------------|---|------------------------------|------------------------------|-----------------------------|
| Business and Finance | Career Development | Accounting 1 | Accounting 2 | Honors Business and Finance |
| | Personal Finance 1 or Personal Finance 1 Honors | Personal Finance 2 | Entrepreneurship/ Management | Business Law |
| Marketing | Career Development | Microsoft Office | Web Design 1/ E-Commerce | Web Design 2/ E-Commerce |
| | Sports and Entertainment Marketing | Entrepreneurship/ Management | | |

CTE: FINANCE CLUSTER

Business and Finance Pathway

Graduation Requirement: All students must earn 2.5 credits in STEM Electives and .5 credits in a Personal Finance 1 course.

Business Management & Entrepreneurship - .5 Credit

This course is designed to introduce students to the business world. Students develop an idea or concept into an actual business venture. They will identify key factors that will help them decide if their idea represents a real business opportunity. Students will study the interplay between marketing, manufacturing, financing, accounting and management. Students develop skills necessary to promote business ideas, test their feasibility and complete a business plan. This course offers hands-on activities in addition to various guest speakers.

Business Law - .5 Credit

This course is designed to provide all students with a better understanding of the legal world in which they work and live. Students learn essential concepts of law including their rights and responsibilities as citizens and employer/employees. Some of the business topics discussed include: employment law, property law, contracts, minors, leases, bill of sale, agency law and white-collar crime.

Career Development - .5 Credit

This course motivates students to take control of their future by planning for their careers today. Students engage in virtual job shadowing and career advice videos which takes career exploration to a whole new level by connecting academics to the real world. Students will develop an electronic portfolio which will be a collection of work that tells the story of their efforts, progress, and achievements along with a resume, cover letter, thank you letter, reference letters, certificates of achievement, evidence of community activities etc. Guest speakers will also be used to enhance classroom activities. This course ensures that students' academic pursuits align with their career goals.

Microsoft Office/Computer Applications - .5 Credit

This course is designed for students to develop computer skills in Microsoft's integrated software package that includes Word Processing (Word), Spreadsheet (Excel), and Presentation Graphics (PowerPoint). According to the CT Department of Labor, Microsoft Office Professional is the world's most widely used software package.

Personal Finance 1 (Honors Option Available) - .5 Credit

Personal Finance helps students build a solid foundation for financial independence and future financial decisions. Students will learn about saving, spending, and credit. Topics will include preparing a monthly budget, planning for college expenses, buying a car, earning a paycheck, renting an apartment, investing their money and more. Guest speakers will enhance classroom activities.

Successful completion of this course will meet the Personal Finance graduation requirement. *To motivate and recognize students who want to deepen their knowledge, understanding and application of key concepts, all students have the option to earn Honors distinction and Honors weight on their high school transcript by signing up for the "Honors component." Descriptions and explanations of additional assignments and higher expectations for the Honors component will be provided to students at the beginning of the course.*

Personal Finance 2: Investing Your Money - .5 Credit

This course will explore various vehicles for investing including stocks, bonds, and mutual funds. The world of investing and the operation of the stock market are the key components of this course. Students will evaluate and analyze many investment options in a collaborative environment. Emphasis is placed on developing the skills of global awareness, collaboration, oral and written communication, critical thinking, problem solving and a well-defined work ethic. Students will participate in the Stock Market Game.

Prerequisite: Student must earn a passing grade in Personal Finance 1.

Web Design/E-Commerce 1 - .5 Credit

In this hands-on computer class, students will learn how to plan, design, develop and evaluate an effective website for a business or an individual client using industry-standard professional web tools. Intellectual property laws and copyright laws are discussed. Among the software used in this class are: Adobe Photoshop, Illustrator, GoLive and Flash. Students will learn how to design sites using HTML and how to make the sites search-engine-friendly and user-friendly. Businesses today are including websites, E-commerce and E-publishing in their marketing plans and business plans. Students will learn how to become the technically skilled employees needed to achieve these goals.

Web Design/E-Commerce 2 - .5 Credit

Intended for students who want to build more complex sites, expand their knowledge of website development and electronic commerce strategies, and incorporate advanced web-marketing techniques. **Prerequisite:** Student must earn a passing grade in Web Design 1.

CTE: MARKETING CLUSTER

Marketing Management Pathway

Career Development (9-12) - .5 Credit

This course motivates students to take control of their future by planning for their careers today. Students engage in virtual job shadowing and career advice videos which takes career exploration to a whole new level by connecting academics to the real world. Students will develop an electronic portfolio which will be a collection of work that tells the story of their efforts, progress, and achievements along with a resume, cover letter, thank you letter, reference letters, certificates of achievement, evidence of community activities etc. Guest speakers will also be used to enhance classroom activities. This course ensures that students' academic pursuits align with their career goals.

Sports and Entertainment Marketing - .5 Credit

Whether you are watching a famous athlete make an unbelievable play or witnessing a sensational singing performance, the world of sports and entertainment is never boring. Although it may seem impossible for you to be a part of this glittery world, it's not! The Sports and Entertainment Marketing field offers careers that combine entertainment with traditional marketing, but with a whole lot more glamour. Explore basic marketing principles while delving deeper into the multibillion dollar sports and entertainment industry. Learn how professional athletes, sports teams, and famous entertainers are marketed as commodities and how the savvy people who handle these deals can become very successful. This course will show you how things work behind the scenes of a major entertainment event and how you can be part of the act.

Business Management & Entrepreneurship - .5 Credit

This course is designed to introduce students to the business world. Students develop an idea or concept into an actual business venture. They will identify key factors that will help them decide if their idea represents a real business opportunity. Students will study the interplay between marketing, manufacturing, financing, accounting and management. Students develop skills necessary to promote business ideas, test their feasibility and complete a business plan. This course offers hands-on activities in addition to various guest speakers.

Web Design/E-Commerce 1 - .5 Credit

In this hands-on computer class, students will learn how to plan, design, develop and evaluate an effective website for a business or an individual client using industry-standard professional web tools. Intellectual property laws and copyright laws are discussed. Among the software used in this class are: Adobe Photoshop, Illustrator, GoLive and Flash. Students will learn how to design sites using HTML and how to make the sites search-engine-friendly and user-friendly. Businesses today are including websites, E-commerce and E-publishing in their marketing plans and business plans. Students will learn how to become the technically skilled employees needed to achieve these goals.

Web Design/E-Commerce 2 - .5 Credit

Intended for students who want to build more complex sites, expand their knowledge of website development and electronic commerce strategies, and incorporate advanced web-marketing techniques. **Prerequisite:** Student must earn a passing grade in Web Design 1.

CTE: HOSPITALITY AND TOURISM CLUSTER

CTE: CULINARY ARTS EDUCATION

Possible course sequence:

| Pathway: | Year 1 | Year 2 | Year 3 | Year 4 |
|---|-------------------------------|---------------------------|--------------------|--------------------|
| Restaurant, Food, Beverage, and Services Pathway | Introduction to Culinary Arts | Exploring Culinary Arts 1 | Bakeshop 1 | |
| | | Exploring Culinary Arts 2 | Bakeshop 2 | |
| | | | Culinary Assistant | Culinary Assistant |

Restaurant, Food, Beverage, and Services Pathway

Introduction to Culinary Arts - .5 Credit

This course is for students who are interested in learning about all aspects of food. Topics include consumerism, nutrition, safe food storage, kitchen safety, measurement and equivalents, terminology and cooking techniques. Emphasis will be placed on proper cooking and preparation techniques in the areas of fruits, vegetables, breads, grains, meats, poultry, dairy and pastry products. Students will learn life-long skills necessary for developing and maintaining healthy diets.

CTE: TECHNOLOGY EDUCATION

Possible course sequence:

| Pathways: | Year 1 | Year 2 | Year 3 | Year 4 |
|-------------------------------------|---|--|---|---|
| Information Technology | Introduction to Video Game Design | Video Game Design 1 | Video Game Design 2 (Honors) | AP Mobile Computer Science Principles |
| | Video Production 1 | Video Production 2 | Advanced Video Production | |
| Manufacturing | Introduction to Manufacturing Technology | Manufacturing Technology | Advanced Manufacturing Technology | |
| Transportation | Introduction to Transportation Technology | Transportation Technology | Advanced Transportation Technology | |
| Architecture and Engineering | Introduction to Engineering Design (UNH) | Principles of Engineering Honors (UNH) | Digital Electronics (Weighted the same as AP) (UNH) | Engineering Design & Development Honors (UNH) |
| | | Civil Engineering and Architecture | | Independent Study |

CTE: INFORMATION TECHNOLOGY CLUSTER

Web and Digital Communications Pathway

Introduction to Video Game Design - .5 Credit

In this class students will analyze game theory and game mechanics from a game maker's perspective. After students understand the fundamental concepts of creating various board games, they will be introduced to 2D gaming software. Students will use multiple sources in a self-directed environment to create a variety of interactive video games. This course will serve as a foundation for the process of video game design.

Video Production 1 - .5 Credit

This course introduces the basics of video production utilizing a personal camcorder and video editing equipment. Students study video technologies, basic equipment operation, video composition, basic lighting, audio production planning, and visual storytelling. Students work in groups to create video projects utilizing post-production editing.

Video Production 2 - .5 Credit

This course is a continuation of Video Production 1 in a video studio production setting. Students learn studio production planning, lighting, and audio along with basic video engineering. Students practice all crew positions including floor director, camera operator, lighting technician, audio technician, technical director and program director. **Prerequisite: Student must earn a passing grade in Video Production 1.**

CTE: MANUFACTURING CLUSTER

Manufacturing Production Process Pathway

Introduction to Manufacturing - .5 Credit

Students are introduced to technical principles and concepts of material structure, properties, and testing methods for the major material families (metals, polymers, wood) as it relates to material selection and processing decisions. Students will also be introduced to the safe use of tools needed to process materials in the industry. Additionally, students will be introduced to Computer Aided Manufacturing (CAM) as well as CNC operations. This will include two-dimensional geometry, tool paths, and set up. Software used will include Fusion 360, Inventor and Mastercam.

CTE: TRANSPORTATION, DISTRIBUTION AND LOGISTICS CLUSTER

Facility and Mobile Maintenance Pathway

Introduction to Transportation (Automotive) - .5 Credit

This course includes a study of the various ways in which society has used natural forces and different fuels to power machines. These fuels include water, wind, solar, electrical, and nuclear as well as fossil. Students will study the theory, maintenance, and repair of the small internal combustion engines and electric motors.

CTE: SCIENCE, TECHNOLOGY, ENGINEERING AND MATH CLUSTER

Architecture and Engineering Pathway

Introduction to Engineering Design - 1 Credit

This is the first course in the Project Lead the Way Engineering Pathway. Knowledge and skills attained in this course will be used in subsequent PLTW courses. In this course students will use the design process to complete a variety of problem-based activities. Students will become proficient in the use of Autodesk Inventor, which is a state of the art Computer Aided Design software package. Students will solve design problems as they develop, create, and analyze product models. Students will study the design concepts of form and function then use technology to translate conceptual design into reproducible products.

Prerequisite: Student must earn a passing grade in Algebra 1 or be taking Algebra 1 concurrently.

ENGLISH/LANGUAGE ARTS and READING

| | | | | |
|--|--|--|---|--|
| Grade 9 | English 1 (Optional Honors Component) | Elective Options Creative Writing 1 Journalism 1 | | |
| Grade 10 | English 2 Honors Component or College Prep | Elective Options Creative Writing 1,2 Journalism 1,2 Annual Writing & Editing | | |
| Grade 11 | English 3 Honors or College Prep | American Experience Honors | AP and/or ECE and/or UB English Language or English Literature | Elective Options: Creative Writing 1,2,3 Journalism 1,2,3 Annual Writing and Editing 1,2 |
| Grade 12 | Half Year Options: (Students are required to take 2 if they do not take AP Literature Senior Year) Dystopias & Utopias In Literature & Life Poetry & Music Visual Images Sports Literature/Sports Journalism Public Speaking & Activism All Courses College Prep or Honors | | AP and/or ECE and/or UB English Language or English Literature | Elective Options: Creative Writing 1,2,3,4 Honors Journalism 1,2,3,4 Honors Annual Writing and Editing 1,2,3 Honors |
| Additional Supports Grades 9,10,11,12 | Literacy Workshop: A,B,C,D,E,F (This half year course may be repeated for credit) SAT PREP: Math and English (This is not for Humanities Credit) | | | |

English 1 (Honors Option) (Required for all 9th graders) - 1 Credit

This course is integrated with the study of literary genres using complex text, and an emphasis on argumentative and informational writing. Students are expected to become independent learners who develop their own interpretations and generalizations from concepts using close reading skills and questioning strategies. *To motivate and recognize students who want to deepen their knowledge, understanding and application of key concepts, all students have the option to earn Honors distinction and Honors weight on their high school transcript by signing up for the "Honors component."* Descriptions and explanations of additional assignments and higher expectations for the Honors component will be provided to students at the beginning of the course.

Humanities Electives

The following courses are enrichment courses and may be elected in grades 9, 10, 11 and/or 12 in addition to any required English course. **Courses will be offered based on student enrollment.**

Journalism 1, 2 and 3 - 1 Credit

This course teaches the fundamentals of journalistic writing and makeup of a newspaper. Students in this course write for the high school newspaper. The course is also open to selected and highly recommended students interested in the following aspects of journalism: photography, art, and business. Students who are enrolled in Journalism 2 and 3 are responsible for the entire publication of the high school newspaper. This includes writing news stories, feature stories, editorials, sports stories, photojournalism, and advertising materials.

Creative Writing 1, 2, and 3 - 1 Credit

Offered to students in grades nine, ten, eleven, and twelve, who have an interest in writing, the class will stress the fundamentals of writing, especially the writing of short stories, informal essays, and verse. Students will have the opportunity to publish their writing and analyze and evaluate each other's writing. This course is conducted as a workshop. Students who are enrolled in Creative Writing 2 and 3 will serve as editors for the school literary magazine.

Literacy Workshop A, B, B1, B2, C, D, D1, E, F - .5-1 Credit

Students in all grades are placed into this intervention course as a result of scores on district and standardized measures and performance in school; these assessments may include STAR Reading, PSAT/SAT Evidence Based Reading and Writing, assignments scored against common rubrics, Reading Benchmarks, San Diego Quick Reading Assessment, LRS, MARSI, a spelling inventory and/or the TOSCRF. This course qualifies for Humanities credit. The emphasis for this course will be on increasing students' reading, writing and analyzing strategies and abilities. Students create and work toward SMART goals. Literary and non-fiction texts will be used to teach, model, and develop reading skills and strategies so students will internalize them and use them in all of their courses; some courses offer Read 180 and System 44 placement pending budget approval. Individual courses will be offered based on student needs at each school. Students will receive a grade of pass or fail rather than a letter grade for this course. Course may be repeated for pass/fail credit.

Additional Elective

SAT Prep: Math and English - .5 Credit (Spring only)

This course is intended to offer support and practice to help students increase their success on the SAT/ACT. Students will review topics covered in the SAT/ACT, practice SAT/ACT type problems, complete timed and untimed practice SAT/ACT tests and analyze the results of these practice tests. This class is for review; it is not intended as instruction in new topics in English or mathematics. Students take one quarter of English and one quarter of math. Students are encouraged to have a TI-84+ calculator. This course is offered as a general elective (not to fulfill Humanities or STEM requirements or electives). Students will receive a grade of pass or fail rather than a letter grade for this course. Course may be repeated for pass/fail credit.

Health Education

Possible Course Sequence:

| | Year 1 | Year 2 | Year 3 | Year 4 |
|-------------------------|---------------------------------|---------------|---|----------------------------------|
| HEALTH | Contemporary Health 1 (Grade 9) | | | Contemporary Health 2 (Grade 12) |
| Health Electives | | | Wellness in the 21st Century (Grade 11 & 12) | |
| | | | EMR (BHS & Off Site) (Grade 10, 11 & 12) | |

Health 1 - .5 Credit

Students will be required to pass for graduation a one semester, comprehensive health course. Focus will be on examination of lifestyles and making responsible decisions leading to the total wellness of the individual and family. Topics will include, but are not limited to, substance abuse, HIV/AIDS prevention education, family living, nutrition, consumer information, and stress and coping skills. Wellness integration with physical education will be linked with the following topics: nutrition and exercise, body composition, weight control, and exercise and stress management.

MATHEMATICS

Common Pathways

| | Year 1 | Year 2 | Year 3 | Year 4 |
|---------------------------|-----------------|---------------------------|---|---|
| Path 1 | Integrated Math | Algebra 1 | Geometry | Algebra 2 |
| Path 2 | Algebra 1 | Geometry | Algebra 2 | Senior Electives |
| Path 3 | Geometry | Algebra 2 | Pre-Calculus | Calculus H or AP Calculus AB and/or AP Statistics and/or Senior Electives |
| Path 4 | Algebra 2 | Pre-Calculus | Calculus H or AP Calculus AB and/or AP Statistics | AP Calculus BC and/or Multivariable Calculus and/or AP Statistics and/or Senior Electives |
| Additional Support | Math Workshop | Math Workshop SAT Prep | Math Workshop SAT Prep | Math Workshop SAT Prep |

**Starting with the graduating class of 2023, students who successfully complete advanced math classes in middle school may be granted one math credit for either Algebra 1 or Geometry on a case-by-case basis. Middle school credit will not be used to calculate high school GPA or class ranking.

Integrated Mathematics - 1 Credit

This course will focus on the acquisition of the basic math skills, introductory algebra concepts, and introductory geometry concepts. Real-world and technical applications will be extended and analyzed. Materials related to statistical concepts, data organization, interpretation, measurement, and modeling are utilized. Career awareness, applications, calculator, and computer activities are integrated where appropriate. **Prerequisites: Placement determined by benchmark scores, teacher recommendation, and student ability.**

Math Workshop - .5 Credit

This class is designed to offer support for students to work on their algebraic skills needed in order to be successful with the common core standards for mathematics. Students enrolled in Algebra 1 CP, Geometry CP, and Algebra 2 CP are eligible for this course, based upon teacher referral and the approval of the math department head. Course may be repeated for STEM elective credit. Students will receive a grade of pass or fail rather than a letter grade for this course.

Algebra 1 - 1 Credit

This course investigates the fundamental ideas of algebra upon which all future study of mathematics depends. Students develop an understanding of important concepts, skills, procedures and ways of thinking, reasoning, and modeling in algebra. Students investigate math concepts, utilizing interactive problems in motivating everyday situations and developing mathematical skills through investigations and projects. Students will study linear equations, inequalities, functions, graphs, systems of linear equations, and be introduced to exponential and quadratic functions. **Prerequisite: Students must earn a passing grade in Pre-Algebra or Integrated Mathematics. College Prep or Honors level determined by data-driven teacher recommendation.**

Geometry - 1 Credit

This course includes plane geometry and components of solid, coordinate, and transformational geometry. It helps the student to develop spatial, inductive, and deductive reasoning skills. The course includes computer and calculator activities and real-life applications. Students investigate geometry concepts utilizing interactive problems in everyday situations and develop mathematical skills through investigations, projects, and modeling. **Prerequisites: Student must earn a passing grade in Algebra 1. College Prep or Honors level determined by data-driven teacher recommendation process.**

Algebra 2 - 1 Credit

This course builds upon concepts learned in Algebra 1 and expands to include work in functions and relations, polynomial functions, exponential functions, rational and irrational algebraic expressions, and an introduction to logarithmic functions. A heavy emphasis is placed upon non-routine problem solving, modeling, and math applications. Technology is integrated where appropriate. Students are encouraged to have a TI-84+ calculator. **Prerequisite: Students must earn a passing grade in Algebra 1. College Prep or Honors level determined by data-driven teacher recommendation process.**

SAT Prep: Math and English - .5 Credit

This course is intended to offer support and practice to help students increase their success on the SAT/ACT. Students will review topics covered in the SAT/ACT, practice SAT/ACT type problems, complete timed and untimed practice SAT/ACT tests and analyze the results of these practice tests. This class is for review; it is not intended as instruction in new topics in English or mathematics. Students take one quarter of English and one quarter of math. Students are encouraged to have a TI-84+ calculator. Students will receive a grade of pass or fail rather than a letter grade for this course.

MUSIC

All music courses meet the Arts graduation requirement.

Possible Course Sequence:

| MUSIC | Year 1 – 4 Stand Alone Semester Courses | Year 1, 2, 3 or 4 Full Year Courses | |
|--------------|--|--|--------------------------------------|
| | Intro to Piano (Semester) | Band (Full Year) | Wind Ensemble Honors (Full Year) |
| | Music Technology (Semester) | Sectional Band (Full Year) | |
| | Theatre Arts & Vocal Production 1 (Semester) | Chorus (Full Year) | Select Choir (Full Year) |
| | Theatre Arts & Vocal Production 2 (Semester) <i>(Prerequisite: Theatre Arts & Vocal Production 1)</i> | Music Theory (ECE) (Full Year) | AP Music Theory (ECE) (Full Year) |
| | | String Orchestra (Full Year) | |

Concert Choir - 1 Credit

This course is an elective for grades 9-12 students and includes rehearsal and performance of choral literature of all styles and periods. Fundamentals of rhythm and tonality, and music reading are emphasized in this course. Participation in performances is required. **Prerequisite: None**

Select Choir - 1 Credit

This course is an elective for grades 9-12 advanced students and includes rehearsal and performance of choral literature of all styles and periods. A successful audition is required to participate in this course. Participation in performances is required.

Prerequisite: Audition

Concert Band - 1 Credit

Students from grades 9-12 may elect concert band if they have previous experience on a band instrument. Emphasis will be placed on the development of aural and technical skills, by rehearsing/performing literature from a variety of musical styles. Activities are required in addition to the regular allotted school time. Each band member is expected to participate at home football games, concerts, graduation, the Memorial Day Parade, and other civic activities as scheduled. **Prerequisite: Prior experience playing a band instrument. (Note: There is a \$15.00 instrument usage fee for this class for students who use the school's instruments, including percussion)**

String Orchestra - 1 Credit

This course is an elective for grades 9-12 students. Students who elect strings will study violin, viola, cello, or double bass in a class and ensemble setting. Performance and participation are important elements in a string ensemble. **Prerequisite: Prior experience playing a string instrument is required. (Note: There is a \$15.00 instrument usage fee for this class for students who use the school's instruments.)**

Wind Ensemble Honors - 1 Credit

This Honors-level course is offered by audition to advanced instrumentalists. It is designed to develop advanced aural and instrumental skills, and to experience challenging musical literature. Members will be expected to fulfill the same requirements as Concert Band. **Prerequisite: Audition (Note: There is a \$15.00 instrument usage fee for this class for students who use the school's instruments.)**

Sectional Band (Percussion/Rhythm Section) - 1 Credit

This course is offered to students who study percussion (drums), mallet percussion (xylophone), guitar, and keyboard. Students will study all aspects of percussion and develop ensemble skills and technique through the preparation and performance of Marching Band/Concert Band/Percussion Ensemble literature. **Prerequisite: Prior experience playing a band instrument is required.**

Theatre Arts and Vocal Production - 1 Credit

This is a course for learning stage and performance techniques. Overall production aspects such as performing, costuming, lighting, set design, make-up, directing, and stage movement and vocal technique or production will be considered. **Prerequisite: None.**

PHYSICAL EDUCATION

Students will be required to pass 2 semesters of physical education for high school graduation. All students must take physical education each year until the requirement is fulfilled.

Possible Course Sequence:

| | Year 1 | Year 2 | Year 3 | Year 4 |
|-------------------------------------|---------------------------------|---|--|--|
| PHYSICAL EDUCATION | Physical Education (Grade 9) | Physical Education (Grade 10) | | |
| Physical Education Electives | | Project Adventure (Alternative Option for Grade 10 Physical Education) | | |
| Physical Education Electives | | | Physical Education (Grade 11) (Elective or if Credit is Needed) | Physical Education (Grade 12) (Elective or if Credit is Needed) |

Physical Education 1 - .5 Credit

Students will be encouraged to develop an optimum level of health-related physical fitness, acquire knowledge of fitness concepts, and understand the significance of lifestyle upon one's health and fitness. The course will also provide an overview of physical education activities available in the instructional program.

SCIENCE

Common Pathways - Classes of 2023-2025

| | Year 1 | Year 2 | Year 3 | Year 4 |
|--|---|--|---|---|
| Traditional | Earth and Energy Systems AND Human Biology | Environmental Biology AND Chemistry 1 | Physics OR Physical Science AND Chemistry 2 | Electives: Forensics AND/OR Biodiversity AND/OR Anatomy & Physiology |
| STEM - Life Science Focus | Earth and Energy Systems AND Human Biology | Environmental Biology AND Chemistry 1 | Physical Science AND Chemistry 2 | AP Biology |
| STEM - Chemistry Focus | | | AP Chemistry | AP Physics 1 OR Electives |
| STEM - Physics Focus <i>Accelerated Math</i> | Earth and Energy Systems* AND Human Biology* AND Environmental Biology* | Chemistry 1 AND Chemistry 2H | AP Physics 1 | AP Physics 2 |
| STEM - Engineering Focus <i>Accelerated Math</i> | | | AP Chemistry | AP Physics C: Mechanics (With Calculus) |
| STEM - Engineering Focus <i>2x Accelerated Math</i> | | | AP Physics C: Mechanics (With Calculus) | AP Physics 2 OR AP Chemistry |

*One of these courses can be moved to Year 2 to accommodate scheduling conflicts.

Earth & Energy Systems - .5 Credit

This semester course is organized around the Next Generation Science Standards with a primary focus in the domain of physical science and supporting work in the domain of earth science. Topics include: forces and interactions, energy transfer, and weather. Coursework will be supported by hands-on laboratory experiences. **College Prep or Honors level determined by data-driven teacher recommendation process.**

Human Biology - .5 Credit

This semester course is organized around the Next Generation Science Standards with a primary focus in the domain of life science. Topics include: DNA, genetics, and body systems. Coursework will be supported by hands-on laboratory experiences. **College Prep or Honors level determined by data-driven teacher recommendation process.**

Environmental Biology - .5 Credit

This semester course is organized around the Next Generation Science Standards with a primary focus in the domain of life science. Topics include: energy flow, carbon cycling, and photosynthesis. Coursework will be supported by hands-on laboratory experiences. **College Prep or Honors level determined by a data-driven teacher recommendation process.**

SOCIAL STUDIES

| | | | |
|-----------------------|--|--|--|
| Grade 9 | Modern World History (Honors, College Prep) | | |
| Grade 10 | AP and/or ECE US History | US History Survey Honors College Prep | Elective AP Psychology |
| Grade 11 | Required Civics (Half Year Course) Offered Fall and Spring Optional Honors or AP US Government & Politics (Fulfills both the Civics and Additional Half Year Requirement) | Required Half Year Options (Choose 1) Economics International Relations Psychology (Semester) or AP Psychology (Year Long) Sociology | <u>Humanities Electives</u> African American/Black and Puerto Rican/Latino Studies (Students must still take Civics for half a year) Pilot 2021-2022 American Experience (Fulfills Grade 11 ELA Requirement and Non Civics Half of Grade 11 Social Studies) Conversations On Race (Will satisfy a semester humanities elective) Psychology (Semester) AP Psychology (Fulfills Non Civics Half or Grade 11 Social Studies Sociology Economics |
| Grade 12 Electives | AP Government African American/Black and Puerto Rican/Latino Studies (Students must still take Civics for half a year) Pilot 2021-2022 Conversations On Race-Pending Board Approval (Will satisfy a semester humanities elective) Economics International Relations Psychology (Semester or AP) Sociology | | |

Grade 9 Requirement

Modern World History College Prep (CP) - 1 Credit

This course begins with the changes in thought that emerged from the late middle ages and moves to the present day. The course asks students to look at connections between the past and present as well as possibilities for the future. Students will use expository and argumentative writing skills, emphasized in both English and social studies classes, in writing about topics relevant to the content of World Studies. 21st Century and Common Core Standards are also reinforced. **Prerequisite: Student must earn a passing grade in 8th grade social studies. College Prep or Honors level determined by data-driven teacher recommendation.**

Modern World History Honors is a course available for those students who have passed 8th grade Social Studies and have a teacher recommendation. In addition to the curriculum listed under Modern World History College Prep, this course stresses extensive reading and writing and includes additional topics.

SPECIAL EDUCATION

Stratford Public Schools offer a continuum of special education and related services during the student's secondary school years including transition planning to meet the individual needs of identified special education students. In accordance with the Individuals with Disabilities Act (IDEA), students receive their instruction in the Least Restrictive Environment (LRE), which is determined by a Planning and Placement Team (PPT)/Individual Educational Plan (IEP) meeting. When appropriate, these recommendations are reviewed and modified based on student need and performance. Students are educated in the Least Restrictive Environment (LRE) which may range from general education classes to classes involving specially designed instruction. The academic portion of a student's program includes the four major content areas—English, Mathematics, Science and Social Studies—as well as other classes required for graduation. Depending on student need, there may be greater emphasis on acquiring daily living and prevocational skills across content areas through a combination of classroom instruction and work experience.

The following are examples of our Special Education services:

Academic Support Students are offered specially designed instruction to support specific student needs as outlined in their individualized education plan (IEP). Special education teachers consult regularly with other staff to monitor student performance and progress. **Student services are determined by the Planning and Placement Team (PPT)/Individual Educational Plan (IEP) meeting.**

Collaborative/Consultative Practices

Special education and regular education staff work together to deliver services. **Student services are determined by the Planning and Placement Team (PPT)/Individual Educational Plan (IEP) meeting.**

Learning Center

(Currently located at Stratford High School)

The Learning Center is composed of courses designed to meet the individual needs of the students who require support services and a structured environment. Instruction may be provided in the general education classroom or within the STEPS classroom. The curriculum provides a planned and coordinated program of study that is directed towards successful outcomes for students.

Students are placed in the program through their Planning and Placement Teams (PPT).

Special Education Subject Area Support Courses

We offer a variety of self-contained courses with modified curricula. Each curriculum provides a planned and coordinated program of study that is directed towards successful individual outcomes for students in any subject area.

Transition Services

These services are designed to meet the needs of students with disabilities to help prepare students for real world expectations and make the transition from high school to post secondary training and employment. Transition programs provide instruction in the areas of vocation, independent living, self-help skills and community awareness. Stratford has an in-district transition program called STRIVE. **Student placement is determined by the Planning and Placement Team (PPT)/Individual Educational Plan (IEP) meeting.**

In-District Specialized Programs

BRIDGES (Building Responsible Independent Graduate Experiences)

(Currently located at Stratford High School)

Bridges is a program designed to provide support and instruction in a structured environment for students requiring small group instruction to meet academic and independent living skill needs. Instruction may be provided in the general education classroom or within the Bridges classroom. **Student placement is determined by the Planning and Placement Team (PPT)/Individual Educational Plan (IEP) meeting.**

SAILS (Stratford's Academic and Independent Living Skills)

(Currently located at Flood Middle School and Bunnell High School)

SAILS is a program designed to provide support and instruction in a structured environment for students requiring one to one or small group instruction to meet academic, behavior, and adaptive living skill needs. **Student placement is determined by the Planning and Placement Team (PPT)/Individual Educational Plan (IEP) meeting.**

STEPS (Support for the Enhancement of Pro Social Skills)

(Currently located at Bunnell High School and Flood Middle School)

STEPS is a program, supported by a social worker, designed to meet the individual needs of the students who require support services and a structured environment. Instruction may be provided in the general education classroom or within the STEPS classroom. The curriculum provides a planned and coordinated program of study that is directed towards successful outcomes for students. **Students are placed in the program through their Planning and Placement Teams (PPT).**

WORLD LANGUAGES/ESOL

*Starting with the graduating class of 2023, credit may be granted to students who successfully complete Spanish 1 or French 1 in Middle School on a case-by-case basis. Middle school credits will not be used to calculate high school GPA or class ranking.

WORLD LANGUAGE

| | | | | |
|--------------|------------|------------|------------|----------------|
| (Spanish 1B) | Spanish 1 | Spanish 2 | Spanish 3 | Spanish 4 |
| Spanish 1B | Spanish 2 | Spanish 3 | Spanish 4 | |
| Spanish 1B | Spanish 2H | Spanish 3H | Spanish 4H | Spanish AP/ECE |
| | | | | |
| (French 1B) | French 1 | French 2 | French 3 | French 4H |
| French 1B | French 2 | French 3 | French 4H | French ECE |
| French 1B | French 2H | French 3H | French 4H | French ECE |
| | | | | |
| Latin 1 | Latin 2 | Latin 3 | Latin 4H | |
| Latin 1 | Latin 2H | Latin 3H | Latin 4H | |

Honor level sections will be offered to students who demonstrate stronger preparation, commitment, and potential. These sections will follow curricular goals similar to their regular level counterparts, but will engage students in more rigorous and in-depth study at an accelerated pace. Classes will be conducted primarily in the target language with greater emphasis placed upon speaking, reading, and extended writing skills.

French 1, Spanish 1 - 1 credit

This course will introduce high school students to the fundamental sounds, structures, patterns, and symbols necessary to communicate in the target language. Students will acquire basic listening, speaking, reading, and writing skills and develop a growing knowledge and sensitivity to the cultural elements, including geography, history, behaviors, and values, which distinguish the countries and societies represented by that language. **Prerequisite: None**

French 2, Spanish 2, French 2 Honors, Spanish 2 Honors - 1 credit

This course will review, reinforce, and expand upon the language and cultural learning that took place during the first year course. Greater emphasis will be placed upon communicating more accurately and effectively in the four modalities - listening, speaking, reading, and writing. Students will significantly expand their knowledge and correct use of vocabulary, idiomatic expressions, and grammatical structures, and deepen their cultural understanding and sensitivity. **Prerequisite:** Successful completion of French 1, Spanish 1 and teacher recommendation and / or approval of World Language Coordinator. **Prerequisite: Student must earn a passing grade in French 1, Spanish 1. College Prep or Honors level determined by data-driven teacher recommendation.**

Latin 1 - 1 credit

This course will introduce high school students to the fundamental sounds, structures, patterns, and symbols necessary to communicate in Latin. Students will acquire basic listening, speaking, reading, and writing skills and develop a growing knowledge of Roman culture, including its geography, history, mythology, customs, and values. Students will quickly recognize Latin study as an excellent resource for strengthening their English language skills, given the multitudinous English derivatives. **Prerequisite: None. Recommended: A score of proficiency or higher in reading.**

English for Speakers of Other Languages (ESOL)

This program is available to English Language Learners (ELLs), who have been identified as needing instruction and support to increase their English language proficiency and comprehension in their mainstream classes. Direct instruction in English, including vocabulary development, reading comprehension, and the writing process are offered, as well as Resource, individualized, and small group tutoring. Identified students are scheduled for support, based upon their level of English proficiency. The ESOL staff, in consultation with the student's guidance counselor, administers a testing process to determine appropriate academic placement and support for each ELL entering the Stratford Public Schools.

| | | | | |
|-------------------------------|-------------------------------|----------------|--|--|
| ESOL English 1 | ESOL English 2 | ESOL English 3 | | |
| ESOL American History, Part 1 | ESOL American History, Part 2 | | | |
| ESOL Resource ½ year | | | | |
| ESOL Resource, Full year | | | | |

ESOL English 1 - 1 credit

This course is designed for the English Language Learner (ELL) in grades 9-12 with little or no English language proficiency. Students will gradually improve their listening, speaking, reading, spelling, and writing skills and expand their English vocabulary. Instruction will be designed to meet individual student needs. It is recommended that students at this level also enroll in ESOL American History. **Prerequisite: Less than one year of ESOL English instruction or teacher recommendation.**

ESOL English 2 - 1 credit

This course will review, reinforce, and expand upon the language and cultural learning that took place during the first year course. Students will continue to improve their listening, speaking, reading, spelling, and writing skills and expand their English vocabulary. In addition to communication skills, the course will provide intensive language practice in reading and writing skills and focus upon the analysis of facts and details and reader response skills. Students at this level of English proficiency may enroll in ESOL American History. **Prerequisite: This course is open to students in grades 9-12 with less than two years of ESOL English instruction or by teacher recommendation.**

ESOL English - 1 credit

This course will review, reinforce, and expand upon the language and cultural learning that took place during the second year course. Students will continue to expand their vocabulary and improve their listening, speaking, reading, spelling, and writing skills through readings and class discussions of selected American literary works and essay writing. Reading skills will also focus on analysis and interpretation as well as identification of facts and details. With English department approval, highly proficient ELLs may enroll in regular English department course offerings. **Prerequisites: At least two years of ESOL English instruction or teacher recommendation.**

ESOL American History, Part 1 and Part 2 - 1 credit

The ESOL American History course is designed to give English Language Learners (ELLs) an overview of American history from the colonial period through the present, with emphasis placed upon the immigrant experience. Students will become familiar with the traditions and philosophies of a democracy, and will develop an understanding of American culture and its institutions. A sheltered English approach will render course material more comprehensible. Selections from American Literature and a modified research project will be included to enhance students' understanding of historic events. Part I is a yearlong course, which concludes with the Civil War. Part II is also a yearlong course that begins with Reconstruction to the present. Part I and Part II are offered in alternating years. **Prerequisite: Open to all ESOL students enrolled in ESOL English courses or with permission of the teacher.**

ESOL Resource (offered both semesters) - .5/1 credit

This course offers the English Language Learner (ELL) the opportunity to work with ESOL staff members to meet individual and small group needs. Areas of focus may include study, help, and/or guidance. **Prerequisite: Permission of the teacher.**

Appendix A

ATHLETICS IN COLLEGE

The National Collegiate Athletic Association (NCAA) is an association of member colleges that make certain rules governing eligibility, recruiting and financial aid. In order to participate in intercollegiate athletics at an NCAA Division I or II institution and be eligible to receive athletically-based financial aid, you must register with the NCAA Eligibility Center and meet eligibility standards. The registration process should start at the beginning of your **sophomore year**.

To register, prospective student athletes should access the registration materials by visiting the Eligibility Center website at: <https://web3.ncaa.org/ecwr3/>

Students are advised to become familiar with the requirements of the Eligibility Center:

- ◆ Core Credits for certification
- ◆ GPA as it relates to the Eligibility Center Index of SAT/ACT scores
- ◆ Stratford's "List of NCAA approved Core Courses"

Division I Full Qualifier Requirements:

- Complete 16 core courses.
- 10 of the 16 core courses must be completed before the seventh semester (senior year) of high school.
- 7 of the 10 core courses completed must be in the area of English, Math or Science.
- Earn a core-course GPA of at least 2.3.
- Earn an SAT combined score or ACT sum score matching your core-course GPA on the Division I full qualified sliding scale.
- Graduate high school.

Division II Full Qualifier Requirements:

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.2.
- Earn an SAT combined score or an ACT sum score matching your core-course GPA on the Division II full qualified sliding scale.
- Graduate high school.

SAT SLIDING SCALE:

Divisions I and II use sliding scales to match test scores and GPAs to determine eligibility. The sliding scale balances your test score with your GPA. If you have a low test score, you need a higher GPA to be eligible. Find more information about test scores at ncaa.org/test-scores.

Core Course Requirements

| DIVISION I 16 Core Courses | |
|-------------------------------|--|
| 4 | years of English |
| 3 | years of mathematics (Algebra I or higher) |
| 2 | years of natural/physical science (1 year of lab if offered by high school) |
| 1 | year of additional English, mathematics or natural/physical science |
| 2 | years of social science |
| 4 | years of additional courses (from any area above, foreign language or comparative religion/philosophy) |

| DIVISION II 16 Core Courses | |
|--------------------------------|--|
| 3 | years of English |
| 2 | years of mathematics (Algebra I or higher) |
| 2 | years of natural /physical science (1 year of lab if offered by high school) |
| 3 | years of additional English, mathematics or natural/physical science |
| 2 | years of social science |
| 4 | years of additional courses (from any area above, foreign language or comparative religion/philosophy) |

For more information visit: <http://www.ncaa.org/>.

Grades 9-12 Mentoring Programs offered to high school students include:

- ❑ **School-Based Mentoring Program**-establishes a relationship with a caring adult who listens attentively to a student who would benefit from positive support and encouragement from an adult role model.
- ❑ **ACE Mentoring Program**-after school program for students interested in careers in Architecture, Construction Management or Engineering. Students work with industry professionals on authentic projects designed to expose them to related careers and educational opportunities.

COLLEGE/POST SECONDARY INFORMATION

Admission requirements for colleges vary greatly, but general guidelines like those below can be very helpful for students in planning their program at Stratford High School and Bunnell High School.

Highly Selective Colleges

- English - 4 Credits
- Mathematics - 4 Credits
- Science - 4 Credits
- Social Studies - 3 Credits
- World Language - 3 or 4 years of the same language
- Fine Arts - Recommended
- Extracurricular or volunteer activities that indicate leadership and initiative
- Top 10% of the class
- Computer Competency

Very Competitive Colleges

- English - 4 Credits
- Mathematics - 3 or 4 Credits
- Science - 3 Credits
- Social Studies - 3 Credits
- World Language - 3 or 4 years of the same language
- Fine Arts - Recommended
- Extracurricular or volunteer activities over multiple years that indicate leadership and initiative
- Top 25 % of the class
- Computer Competency

Competitive Colleges

- English - 4 Credits
- Mathematics - 3 Credits
- Science - 2 or 3 Credits
- Social Studies - 2 Credits
- World Language - 2 years of the same language
- Fine Arts - Recommended
- Extracurricular activities or volunteer participation
- Top 2/3 of the class
- Computer Competency

Middle School Summer School Policy (Grades 7-8)

A student in grade 7 or 8 with a failing cumulative average in three or less of the core subjects (Mathematics, Social Studies, Science, Language Arts or Reading) at the end of the school year will be required to attend summer school, at parents' expense, in order to be promoted to the next grade level. Upon completion of summer school, retention will be recommended if it is determined that the child has not progressed to a passing level through his/her summer school course work and attendance. A student with a failing cumulative average in four or more core subjects will be retained. Students may be required to attend more than one class, depending on the number of failures. Students are expected to attend school every day, therefore, vacations will not be allowed during this time. There is a tuition cost per class.

High School Summer School Policy (Grades 9-12)

For students in Grades 9 through 12 the following eligibility requirements and restrictions apply to summer school courses:

1. To be eligible to take a summer school course, the student:
 - o Must pass at least two quarters of the course during the school year **or**
 - o Must earn a final grade above 50% **and**
 - o Must not have more absences in the school-year course than allowed by the district's high school attendance policy **or**
 - o Must have successfully petitioned the school's Attendance Review Committee for a waiver of the attendance requirement.
2. No more than two courses per year and no more than eight courses total during the student's entire 9 through 12 course sequence may be completed for credit in summer school. Students are expected to attend school every day, therefore, vacations will not be allowed during this time. There is a tuition cost per class.

LEAST RESTRICTIVE ENVIRONMENT

All educational programs and activities for students with disabilities will be provided in the least restrictive environment in accordance with the requirements of the Individuals with Disabilities Act (IDEA) and with Connecticut General Statutes 10-76a-l (L) as indicated by the Individual Education Plan (IEP).

ONLINE COURSES

For the complete Online Courses Policy number 6172.6 visit:

http://www.stratfordk12.org/uploaded/District/Board_of_Education/1OnlineCoursesPolicy6172.pdf

OTHER OPPORTUNITIES TO EARN CREDIT

Community Service - 0.5 Credit

The Community Service program provides an opportunity for students in grades 9-12 to earn credit for volunteer service to a non-profit or governmental agency. A 0.5 credit is awarded for completion of 60 hours of Community Service which includes at least 10 hours of classroom instruction. Students cannot earn more than 0.5 credits toward graduation for Community Service. Students must provide their own transportation. Volunteer service must not interfere with the normal school day.

Internship or Work Experience - 0.5 to 1 credit

Students in their junior or senior years may register for work experience programs in the high schools' main office, guidance office, and library or health center. This option provides students with work based learning, structured training and mentoring opportunity. Through these work experiences, students acquire the knowledge and skills appropriate to a specific career and the general work expectations of promptness, commitment and persistence that can serve them in all careers. Work experience is scheduled in place of a study hall and students earn credit based upon the number of periods and number of semesters scheduled. Work experience courses are graded on an S/U scale for successful or unsuccessful performance, respectively. Grade determination is made by the student's work experience supervisor based on job performance.

SCHOOL COUNSELING SERVICES

School Counseling Department

Stratford's school counseling department offers a comprehensive program of services and curriculum designed to respond to the developmental needs of all students in grades 6-12. The program facilitates student development in three major areas: Academic, Career, and Personal/Social. Naviance is a college and career readiness platform that helps connect academic achievement to post-secondary goals. This comprehensive college and career readiness solution empowers students and families to connect learning and life and provides schools and districts with the information they need to help students prepare for life after high school. It also allows students to create a plan for their futures by helping them discover their individual strengths and learning styles and explore college and career options based on their results.

STUDENT EXPENSES

Some courses may require payment of a materials fee or tuition fee if the course is eligible for college credit. Some courses involve opportunities for field trips or special out-of-school programs. Several of these involve expenses for transportation or admission. Students who are eligible for federal free or reduced price school lunches can request a waiver of these fees by contacting the school's principal.

TRANSFERRED CREDITS

For the complete Transfer of Credits Policy Number 6172.61 visit:

http://www.stratfordk12.org/uploaded/District/Board_of_Education/TransferofCreditsPolicy617261.pdf