

PROGRAM OF STUDIES

BUNNELL HIGH SCHOOL • STRATFORD HIGH SCHOOL

GRADE 9 Only



2024 – 2025

STRATFORD PUBLIC SCHOOLS



2024-2025

This booklet has been prepared to acquaint students and parents with the varied offerings of our schools for students entering grades 9-12. During these years, students will have the opportunity to plan individual programs of study with the help of parents, teachers, and school counselors, giving careful thought to the preparation necessary to accomplish their educational, personal, and career goals.

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Acting Superintendent of Schools

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Stratford High School

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STRATFORD BOARD OF EDUCATION

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The Stratford Board of Education does not discriminate on the basis of race, color, national origin, sex, disability, [etc.] in its programs and activities and provides equal access to the Boy Scouts and other designated youth groups.

**The following person has been designated to handle inquiries regarding the non-discrimination policies:
Cortney Brown, 203-385-4213.**

Stratford Public Schools provide a free appropriate public education for all disabled/handicapped students. If you know of a disabled/handicapped student in need of services, contact the Pupil Services Office at 203-385-4225.

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Courses that have low enrollment/requests are not guaranteed to run. 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

To support the growth of the whole student through a challenging and inspiring education, within a safe and inclusive environment

STRATFORD'S PORTRAIT OF A GRADUATE



Stratford Public Schools



COMMUNICATOR

I can communicate formally and informally both for myself and with others, respectfully and appropriately, with an awareness of my diverse audience.

- AUDIENCE AWARENESS**
Acknowledge All Backgrounds / Respect Different Viewpoints / Prepare and Present for Specific Audience
- FORMAL AND INFORMAL STYLES**
Apply Varied Types of Communication / Use Situationally Appropriate Language and Grammar
- TECHNOLOGICALLY SAVVY**
Utilize Virtual Resources and Tools / Exhibit Digital Etiquette / Evolve with Technological Environment
- EMPATHETIC SOCIAL INTERACTIONS**
Listen Actively / Analyze Different Tones and Emotions / Understand Social Cues / Express Kindness and Civility
- SELF-ADVOCACY**
Speak Up for Yourself / Grow in Self-Confidence / Ask For and Know When You Need Help



COLLABORATOR

I can collaborate successfully by respecting others, sharing and understanding diverse ideas while maintaining positive relationships in the community.

- RESPECTING OTHERS**
Understand Rights and Responsibilities / Develop and Demonstrate Awareness of Differing Points of View / Cooperate / Contribute
- CONSENSUS BUILDING**
Accept and Provide Constructive Feedback / Compromise / Practice Empathy / Resolve Conflicts
- REFLECTIVE AND FLEXIBLE THINKING**
See the Overall Picture / Adapt / Be Mindful of Your Own and Other's Thoughts
- DEMONSTRATING INTERPERSONAL SKILLS**
Exercise Patience / Consider Diverse Ideas and Experiences / Promote Self Expression / Use Situationally Appropriate Behavior



LIFELONG LEARNER

I can engage in life-long learning to make responsible goal-oriented decisions, prioritize effective work habits and seek personal fulfillment.

- WILLINGNESS AND DESIRE TO LEARN**
Create Clear and Achievable Goals / Challenge Self to Consistently Improve / Reflect on Criticism and Success / Navigate Obstacles
- GROWTH MINDSET**
Embrace Challenging Tasks / Seek New Opportunities / Learn from Mistakes, Setbacks, and Failures
- EFFECTIVE WORK HABITS**
Develop Individual Time-Management and Organizational Skills / Maximize Your Abilities / Use Resources Effectively / Ask Questions / Understand and Follow Through on Tasks / Apply Learning



COMPASSIONATE & ENGAGED COMMUNITY MEMBER

I can be a compassionate, engaged community member by developing personal responsibility and valuing our diverse world.

- CHARACTER DEVELOPMENT**
Develop Credibility and Trust / Practice Humility and Honesty / Display Integrity and Responsibility within Community and Online
- AWARENESS AND ACCEPTANCE**
Be Culturally Sensitive and Receptive to Differences / Work and Interact Outside Peer Group
- PERSONAL RESPONSIBILITY**
Respect and Care for Self and Others / Understand Your Strengths and Acknowledge Your Challenges / Take an Active Role in Local and Global Community



SOLUTION DRIVEN PROBLEM SOLVER

I can be an effective solution driven problem solver by using research, creativity, logic, imagination and teamwork.

- CREATIVE EXPRESSION**
Brainstorm and Share Ideas Freely / Open Mind to Varying Perspectives / Cultivate Resourcefulness
- DETERMINATION AND RESILIENCE**
Practice Flexibility / Develop Skills to Cope Under Stress and Pressure
- CRITICAL AND ANALYTICAL THINKING**
Observe and Evaluate / Seek and Explore Knowledge / Produce and Organize Ideas
- LEADERSHIP**
Build Solutions / Engage Others Actively / Be a Team Player

[Stratford's Portrait of a Graduate Website](#)

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.

- Courses Required Per Semester
 - Students must be enrolled in a minimum of six courses per semester.
 - Seniors may be enrolled in a minimum of five courses per semester provided that doing so will allow them to remain on track for graduation.
- 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 English, Mathematics, Science, Social Studies, and World Language are leveled as Advanced Placement (AP)/Early College (ECE), Honors, and College Prep (CP) as noted in the Program of Studies.
- English 1 (grade 9) and English 12th grade half year courses, all half year social studies courses, and all Personal Finance courses are offered as College Prep (CP) with an Honors option.
- All courses in Art, Career and Technology Education, Music are offered as College Prep (CP) unless noted (Honors or AP).

Access to advanced level courses (Honors, AP, Dual Enrollment, etc.) is open to all students who have passed any prerequisite courses listed in the program of studies. In addition, teachers, administrators, school counselors, or other school personnel may recommend students who have shown academic promise and in order to encourage enrollment in an advanced course or program. Assessment scores may be used to identify additional students who may be ready for an advanced level of coursework

Grading Scales–Weighted GPA

- Grading Scales are applied to classes, not to individual students.
- Students from multiple grades can be in the same classes.

Grade	College Prep (Scale Used for Simple Unweighted GPA)	Honors	AP, Dual Enrollment, College Level
A+ (97-100)	4.33	4.67	5
A (93-96)	4	4.33	4.67
A- (90-92)	3.67	4	4.33
B+ (87-89)	3.33	3.67	4
B (83-86)	3	3.33	3.67
B- (80-81)	2.67	3	3.33
C+ (77-79)	2.33	2.67	3
C (73-76)	2	2.33	2.67
C- (70-72)	1.67	2	2.33
D+ (67-69)	1.33	1.67	2
D (63-66)	1	1.33	1.67
D- (60-62)	.33	.67	1.00
F (0-59)	0	0	0

First Honors/Second Honors Requirements

First Honors: 89.5 average with no grade in the C range or lower

Second Honors: 85.5 average with no grade in the D range or lower

PROMOTION AND GRADUATION REQUIREMENTS

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		

Commencing with classes **graduating in 2023**, and for each graduating class thereafter, no local or regional board of education shall permit any student to graduate from high school or grant a diploma to any student who has not satisfactorily completed a minimum of twenty-five credits, including not fewer than: (1) Nine credits in the humanities, including civics and the arts; (2) nine credits in science, technology, engineering and mathematics; (3) one credit in physical education and wellness; (4) one credit in health and safety education, as described in section 10-16b; (5) one credit in world languages, subject to the provisions of subsection (g) of this section; (6) a one credit mastery-based diploma assessment and (7) three elective credits.

Credit Distribution Requirement

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		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 or Independent Study, Advanced Placement Studio Art, Advanced Theatre Arts & Vocal Production, Advanced 3-D, African American/Black and Puerto Rican/Latino Studies, Annual Writing 1/2/3H, AP Language & Composition, AP Literature & Composition, AP Music Theory, AP Psychology, AP US Government & Politics, Business Law, Ceramics, Child Development 1 & 2, Concert Band, Concert Choir, Conversations on Race, Creative Writing 1/2/3/4H, Design, Digital Art, Dystopias & Utopias in Literature and Life, Economics, Fine Art I & II, Graphic Design, If You Love It, Teach It, 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 1 and 2, Music Technology, Music Theory, Photography, Poetry & Music, Psychology & AP Psychology, Public Speaking & Activism, Sectional Band, Select Choir, Sculpture, Sociology, Sports Literature/Sports Journalism, String Orchestra, Teachers & Schools & Society, Theatre Arts and Vocal Production, UCONN Seminar and Studio in Academic Writing and Multimodal Composition, Visual Images, Wind Ensemble Honors, World Language Courses (French, Latin, and Spanish) AFTER fulfilling the 1 credit World Language requirement.

**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 Video Production, Allied Health Exploration, AP Computer Science Principles, AP Macroeconomics, Bakeshop 1 & 2, Career Development, Civil Engineering & Architecture, Culinary Assistant, Digital Electronics, Digital Text and Tools for Learning, E-Commerce 1 & 2, Engineering Design & Development, Exploring Culinary Arts 1 & 2, Foundations of Health Science 1, Foundations of Health Science 2, Int School/Career 1, Int School/Career 2, Int School/Career 3, Introduction to Athletic Training &

Sports Medicine, Introduction to Business, Introduction to Culinary Arts, Introduction to Engineering Design, Introduction to Manufacturing Technology, Introduction to Transportation Technology, Introduction to Video Game Design, Living Skills and Transition, Management & Entrepreneurship, Manufacturing Technology, Medical Terminology, Personal Finance 1, Personal Finance 2: Investing Your Money, Pre-Nursing, Principles of Engineering Honors, Sports and Entertainment Marketing, Transportation Technology & Advanced Transportation Technology, Transition Practices, Video Game Design 1, Video Game Design 2 (Honors), Video Production 1 & 2, Work Experience

FAFSA REQUIREMENT

Per Connecticut legislation and starting with the Class of 2025, students are required to complete the FAFSA or a waiver in order to graduate.

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

COURSE TITLE		CREDITS	GRADES OFFERED			
CORE COURSES						
	Design	1	9	10	11	12
	Fine Art I*	1		10	11	12
	Fine Art II*	1			11	12
	Advanced 3-D*	1		10	11	12
	Graphic Design*	1			11	12
	Advanced Art or Independent Study*	.4-1			11	12
	Advanced Placement Studio Art	1				12
SEMESTER COURSES						
	Drawing	.5	9	10	11	12
	Photography	.5	9	10	11	12
	Sculpture	.5	9	10	11	12
	Ceramics	.5	9	10	11	12
	Digital Art	.5		10	11	12
	Independent Study*	.4-1			11	12

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.

*Courses with a prerequisite requirement.

Art: Possible Course Sequences

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

All art courses meet the Arts graduation requirement

ART CORE COURSES Grades 9-12

Design - 701H - 1 Credit

Humanities

This full year course is the foundation for all learning in the Art Department and can prepare the student for a program that will lead to a career in the visual arts. Creative projects involve learning and applying all the art elements of line, shape, value, texture, color, form and space in a variety of media. There is an emphasis on craftsmanship and exploring an array of art tools and techniques. Students will work independently as well as collaboratively on their artistic journeys.

Prerequisite: None (Note: There is a \$10.00 material fee requirement for this class.)

ART SEMESTER COURSES

Drawing - 700H - .5 Credit

Humanities

Drawing is a one 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 - 711H - .5 Credit

Humanities

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 and to learn the basic functions of Adobe Photoshop. Students may use their own digital cameras. School cameras are also available. **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 - 709H - .5 Credit

Humanities

A one semester course that applies the elements of design and the imagination to produce three-dimensional additive and subtractive sculptural forms. The materials used include clay, metal, paper, and plaster, 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 - 710H - .5 Credit

Humanities

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 vocation 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)

General CTE Course

COURSE TITLE	CREDITS	GRADES OFFERED			
Career Development	.5	9	10	11	12

Career Development - 820H - .5 Credit

STEM

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 a 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.

CTE: BUSINESS MANAGEMENT AND ADMINISTRATION CLUSTER

Business Information Management Pathway

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

COURSE TITLE	CREDITS	GRADES OFFERED			
Introduction to Business	.5	9	10	11	12
Business Law	.5	9	10	11	12
Management & Entrepreneurship	.5	9	10	11	12
Personal Finance 1 (Honors Option)	.5	9	10	11	12
Personal Finance 1 Honors Online	.5	9	10	11	12
Personal Finance 2: Investing Your Money	.5	9	10	11	12
Accounting 1 (AP/College Level)	1		10	11	12
Accounting 2	1			11	12
AP Macroeconomics	1			11	12

Business Information Management Pathway: Possible Course Sequences

Year 1	Year 2	Year 3	Year 4
Personal Finance 1 or Personal Finance 1 Honors	Personal Finance 2	Management & Entrepreneurship AND Business Law	AP Macroeconomics
Personal Finance 1 or Personal Finance 1 Honors	Introduction to Business	Accounting 1	Accounting 2
Introduction to Business	Management & Entrepreneurship AND/OR Business Law	Management & Entrepreneurship AND/OR Business Law	AP Macroeconomics

Introduction to Business - 812H- .5 Credit**STEM**

This course welcomes students to the World of Business. This half-year course highlights each of the major sectors in business including Marketing, Accounting, Hospitality/Tourism, Business Law, and Entrepreneurship.

Business Law - 804H - .5 Credit**Humanities**

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, contract law, leases, laws of sales and commerce, agency law and white-collar crime.

Management & Entrepreneurship - 803H - .5 Credit**STEM**

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, community partnerships and various guest speakers.

Personal Finance 1 (Honors Option Available) - 805H/805HH - .5 Credit**STEM**

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 - 806H - .5 Credit**STEM**

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.

CTE: EDUCATION AND TRAINING CLUSTER
Teacher/Training Pathway

COURSE TITLE		CREDITS	GRADES OFFERED			
<i>Early Childhood and Elementary Teaching Pathway</i>						
	Child Development 1	.5	9	10	11	12
	Child Development 2	.5	9	10	11	12
	Introduction to Early Childhood Education 1	.5		10	11	12
	Introduction to Early Childhood Education 2 (AP/College Level)	.5		10	11	12
Course offered in rotation during even graduation years	Introduction to Individual and Family Development (AP/College Level)	1			11	12
<i>Secondary Education Pathway</i>						
	Teachers, Schools and Society (AP/College Level) (spring course)	.5			11	12
	Digital Texts, Tools, and Society (AP/College level) (fall course)	.5			11	12
Course offered in rotation during odd graduation years	If You Love it, Teach it ECE (AP/College Level), (spring course)	.5			11	12
Course offered in rotation during odd graduation years	Introduction to Special Education (AP/College Level) (fall course)	.5			11	12
Course offered in rotation during even graduation years	Introduction to Individual and Family Development (AP/College Level)	1			11	12

Teacher/Training Pathway: Possible Course Sequences

	Year 1	Year 2	Year 3	Year 4
Secondary Education Pathway	Child Development 1 AND Child Development 2	Intro to Early Childhood Education 1 AND Intro to Early Childhood Education 2 (AP/College Level)	Digital Text and Tools for Learning AND Teachers, Schools and Society OR Intro to Individual and Family Development (AP/College Level)	Digital Text and Tools for Learning AND Teachers, Schools and Society OR If You Love It, Teach It AND Introduction to Special Education

Early Childhood and Elementary Teaching Pathway	Child Development 1 AND Child Development 2	Intro to Early Childhood Education 1 AND Intro to Early Childhood Education 2 (AP/College Level)	Intro to Individual and Family Development (AP/College Level)	If You Love It, Teach It AND Introduction to Special Education
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Child Development 1 - 570H - .5 Credit

Humanities

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 - 571H - .5 Credit

Humanities

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: HEALTH SCIENCE CLUSTER

Therapeutic Services Pathway (Formerly Called Allied Health Pathway)

COURSE TITLE	CREDITS	GRADES OFFERED			
Allied Health Exploration (AP/College Level)	.5		10	11	12
Foundations of Health Science I	.5		10	11	12
Foundations of Health Science II	.5			11	12
Medical Terminology (AP/College Level)	.5			11	12
Pre-Nursing	1				12
Introduction to Athletic Training & Sports Medicine	1				12

Therapeutic Services Pathway: Possible Course Sequence

Year 1	Year 2 (by application)	Year 3 (by application)
Allied Health Exploration UCONN ECE - Semester 1	Foundations of Health Science II -Semester 1	Pre-Nursing/CNA Training OR Introduction to Athletic Training & Sports Medicine
Foundations of Health Science I - Semester 2	Medical Terminology UCONN ECE - Semester 2	

CTE: HOSPITALITY AND TOURISM CLUSTER
Restaurant, Food, Beverage, and Services Pathway

COURSE TITLE	CREDITS	GRADES OFFERED			
Introduction to Culinary Arts	.5	9	10	11	12
Bakeshop 1	.5		10	11	12
Bakeshop 2	.5		10	11	12
Exploring Culinary Arts 1	.5		10	11	12
Exploring Culinary Arts 2	.5		10	11	12
Culinary Assistant (pending availability)	.5/1			11	12

Restaurant, Food, Beverage, and Services Pathway: Possible Course Sequences

Year 1	Year 2	Year 3	Year 4
Introduction to Culinary Arts	Exploring Culinary Arts 1 AND Exploring Culinary Arts 2	Bakeshop 1 AND Bakeshop 2	Culinary Assistant (pending availability)
Introduction to Culinary Arts	Bakeshop 1 AND Bakeshop 2	Exploring Culinary Arts 1 AND Exploring Culinary Arts 2	Culinary Assistant (pending availability)

Introduction to Culinary Arts - 560H - .5 Credit

STEM

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: INFORMATION TECHNOLOGY CLUSTER
Web and Digital Communications Pathway

COURSE TITLE	CREDITS	GRADES OFFERED			
Introduction to Video Game Design	.5	9	10	11	12
Video Game Design 1	1		10	11	12
Video Game Design 2 (Honors)	1			11	12
AP Mobile Computer Science Principles	1		10	11	12
Video Production 1	.5	9	10	11	12
Video Production 2	.5	9	10	11	12
Advanced Video Production	1		10	11	12

Web and Digital Communications Pathway: Possible Course Sequences

Year 1	Year 2	Year 3	Year 4
Introduction to Video Game Design	Video Game Design 1	Video Game Design 2 (Honors)	AP Computer Science Principles
Video Production 1	Video Production 2	Advanced Video Production	

Introduction to Video Game Design - 411H - .5 Credit**STEM**

In this class students will analyze video games from the perspective of developers. They will utilize a 2D Integrated Development Environment to learn the basics of programming video games. Introductory programming logic, object oriented programming, the use of global and local variables, and animation will all be covered.

Video Production 1 - 414H - .5 Credit**STEM**

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 - 415H - .5 Credit**STEM**

This course is a continuation of Video Production 2 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**

COURSE TITLE	CREDITS	GRADES OFFERED			
Introduction to Manufacturing Technology	.5	9	10	11	12
Manufacturing Technology	1		10	11	12
Advanced Manufacturing Technology	1			11	12

Manufacturing Production Process Pathway: Possible Course Sequence

Year 1	Year 2	Year 3
Introduction to Manufacturing Technology	Manufacturing Technology	Advanced Manufacturing Technology

Introduction to Manufacturing - 421H - .5 Credit**STEM**

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: MARKETING CLUSTER**Marketing Management Pathway**

COURSE TITLE	CREDITS	GRADES OFFERED			
Introduction to Business	.5	9	10	11	12
E-Commerce 1	.5	9	10	11	12
E-Commerce 2	.5	9	10	11	12
Management & Entrepreneurship	.5	9	10	11	12
Sports and Entertainment Marketing	.5	9	10	11	12

Marketing Management Pathway: Possible Course Sequence

Year 1	Year 2	Year 3	Year 4
Introduction to Business (pending Board approval)	Sports and Entertainment Marketing AND/OR Management & Entrepreneurship	E-commerce 1 AND/OR Management & Entrepreneurship	E-Commerce 2

Introduction to Business - 812H- .5 Credit

STEM

This course welcomes students to the World of Business. This half-year course highlights each of the major sectors in business including Marketing, Accounting, Hospitality/Tourism, Business Law, and Entrepreneurship.

E-Commerce 1 - 801H - .5 Credit

STEM

In this hands-on computer class, students will learn how to plan, design, develop and evaluate effective strategies for businesses or an individual client using modern online/industry-standard communication tools. Intellectual property laws and copyright laws are also discussed. Students will learn how to design marketing tools using web and app development software and how to make marketing tools for use on phones, tablets and computers user-friendly. Businesses today are including E-commerce and social media in their marketing and business strategies. Students will learn how to become the technically skilled employees needed to achieve these goals.

E-Commerce 2 - 802H - .5 Credit

STEM

This course is 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 E-Commerce 1.

Management & Entrepreneurship - 803H - .5 Credit

STEM

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.

Sports and Entertainment Marketing - 810H - .5 Credit

STEM

Whether you are watching a famous athlete make an unbelievable play or witnessing a sensational singing performance or streaming the latest viral marketing campaign, 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.

CTE: SCIENCE, TECHNOLOGY, ENGINEERING AND MATH CLUSTER

Engineering, Design, and Development Pathway

COURSE TITLE	CREDITS	GRADES OFFERED			
Introduction to Engineering Design (AP/College Level)	1	9	10	11	12
Civil Engineering and Architecture	1		10	11	12
Principles of Engineering Honors (AP/College Level) (offered during even graduation years)	1		10	11	12
Digital Electronics (AP/College Level) (offered during odd graduation years)	1		10	11	12
Engineering Design & Development Honors (AP/College Level)	1				12

Engineering, Design, and Development Pathway: Possible Course Sequences

Year 1	Year 2	Year 3	Year 4
Introduction to Engineering Design (AP/College Level) OR Civil Engineering and Architecture	Digital Electronics (AP/College Level) OR Principles of Engineering Honors (AP/College Level) OR Introduction to Engineering Design (AP/College Level) OR Civil Engineering and Architecture	Digital Electronics (AP/College Level) OR Principles of Engineering Honors (AP/College Level)	Engineering Design & Development Honors (AP/College Level)

Introduction to Engineering Design (AP/College Level) - 400H - 1 Credit

STEM

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 state of the art Computer Aided Design software. 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.** *Dual enrollment may be offered.*

CTE: TRANSPORTATION, DISTRIBUTION AND LOGISTICS CLUSTER

Facility and Mobile Maintenance Pathway

COURSE TITLE	CREDITS	GRADES OFFERED			
Introduction to Transportation Technology (Automotive)	.5	9	10	11	12
Transportation Technology (Automotive)	1		10	11	12
Advanced Transportation Technology (Automotive)	1			11	12

Facility and Mobile Maintenance Pathway: Possible Course Sequence

Year 1	Year 2	Year 3
Introduction to Transportation Technology (Automotive)	Transportation Technology (Automotive)	Advanced Transportation Technology (Automotive)

Introduction to Transportation Technology (Automotive) - 431H - .5 Credit

STEM

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.

ENGLISH/LANGUAGE ARTS and READING

COURSE TITLE		CREDITS	GRADES OFFERED			
CORE COURSES						
	English 1 (Required)	1	9			
	English 2 (Required)	1		10		
	English 3	1			11	
	Literacy Workshop 1 and 2 (District Placement)	.5 - 1	9	10	11	12
	AP English Language and Composition (dual enrollment may be offered)	1			11	(12)
	AP English Literature and Composition	1			(11)	12
	UConn Seminar and Studio in Academic Writing and Multimodal Composition ECE ENGL 1007 (course will run subject to availability)	1				12
	Poetry and Music	.5				12
	Public Speaking and Activism	.5				12
	Dystopias and Utopias in Literature and Life	.5				12
	Sports Literature/Sports Journalism	.5				12
	Visual Images	.5				12
HUMANITIES ELECTIVES						
	Journalism 1	1	9	10	11	12
	Journalism 2	1		10	11	12
	Journalism 3	1			11	12
	Journalism 4 Honors	1				12
	Creative Writing 1	1	9	10	11	12
	Creating Writing 2	1		10	11	12
	Creative Writing 3	1			11	12
	Creative Writing 4 Honors	1				12
	Annual Writing and Editing 1, 2	1		10	11	12
	Annual Writing and Editing 3 Honors	1				12
Elective That Does Not Count Towards the Humanities Elective Credit						
	SAT Prep Math and English (Taken in Conjunction with Math)	.5	9 Spring Only	10	11	12 Fall Only

English Language Arts: Possible Course Sequences/Options

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	AP and/or ECE English Language or AP English Literature	<u>Elective Options:</u> Creative Writing 1,2,3 Journalism 1,2,3 Annual Writing and Editing 1,2
Grade 12	<u>Half Year Options:</u> (Students are required to take 2 if they do not take AP Literature or UCONN 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 English Language or AP English Literature or UCONN Seminar and Studio in Academic Writing ENGL 1007	<u>Elective Options:</u> 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 1 (This course may be repeated for credit.) Literacy Workshop 2 (This 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) - 200H/200HH - 1 Credit **Humanities**

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 - 250H- 1 Credit**Humanities**

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 - 243H- 1 Credit**Humanities**

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 1 - 248H- .5-1 Credit**Humanities**

Students in all grades are placed into this intervention course as a result of scores on district and standardized measures and performance in school, and with approval of the department head. This course will focus on sequential evidence based foundational reading skills and code. Some courses will offer Read 180 and System 44 placement pending budget approval. This course qualifies for Humanities credit. Students will receive a grade of pass or fail rather than a letter grade for this course. Students can repeat the course for credit.

Literacy Workshop 2 - 249H- .5-1 Credit**Humanities**

With a focus on Comp and Vocabulary, students in all grades are placed into this intervention course as a result of scores on district and standardized measures and performance in school, and with approval of the department head. This course will focus on sequential evidence based reading skills with a focus on word study and comprehension. Some courses will offer Read 180 and System 44 placement pending budget approval. This course qualifies for Humanities credit. Students will receive a grade of pass or fail rather than a letter grade for this course. Students can repeat the course for credit.

Additional Elective**SAT College Prep S2** 373H - .5 Credit**General Elective Credit 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.

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.

COURSE TITLE	CREDITS	GRADES OFFERED			
ESOL English 1	1	9	10	11	12
ESOL English 2	1	9	10	11	12
ESOL English 3	1	9	10	11	12
ESOL Reading	1	9	10	11	12
ESOL Resource	.5/1	9	10	11	12

ESOL-Possible Course Sequence

ESOL: Possible Course Sequences:

ESOL English 1	ESOL English 2	ESOL English 3
ESOL Resource ½ year		
ESOL Resource, Full year		

ESOL English 1 - 933 - 1 credit

Humanities

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.

Prerequisite: Less than one year of ESOL English instruction or teacher recommendation.

ESOL English 2 - 934 - 1 credit

Humanities

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. **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 3 - 935 - 1 credit

Humanities

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. With department and administrator approval and in very specific circumstances, students may repeat this course for credit towards their English graduation requirement.

ESOL Reading - 929H - 1 credit**Humanities**

This course offers the English Language Learner (ELL) the opportunity to work with ESOL staff members to meet individual and small group needs in the area of reading. **Prerequisite:** Permission of the teacher.

ESOL Resource (offered both semesters) - 936H/927H - .5/1 credit**Humanities**

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.

Health Education

COURSE TITLE		CREDITS	GRADES OFFERED			
REQUIRED COURSES						
	Health 1	.5	9			
	Health 2	.5				12
ELECTIVES						
	E.M.R. (BHS)	.5		10	11	12
	E.M.T.	1		10	11	12
	Wellness in the 21 st Century	.5			11	12

Health: Possible Course Sequences

Possible Course Sequences:	Year 1	Year 2	Year 3	Year 4
Required Health	Health 1 (Grade 9)			Health 2 (Grade 12)
Health Electives			Wellness in the 21st Century (Grade 11 & 12)	
			E.M.R. (BHS) & E.M.T. (Off Site) (Grade 10, 11 & 12)	

Health 1 - 914HC - .5 Credit**HEALTH and SAFETY**

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

COURSE TITLE		CREDITS	GRADES OFFERED			
CORE COURSES						
	Integrated Mathematics	1	9			
	Numeracy Lab S1/S2* (formerly Math Workshop)	.5	9	10	11	
	Algebra 1**	1	9	10		
	Geometry**	1	9	10	11	
	Algebra 2	1	9	10	11	12
	Pre-Calculus	1		10	11	12
	Calculus Honors	1			11	12
	AP Calculus AB	1			11	12
	AP Calculus BC	1			11	12
	Multivariable Calculus (AP/College Level)	1				12
	AP Statistics	1			11	12
	College Algebra 1	.5			11	12
	College Algebra 2 (AP/College Level)	.5			11	12
	Trigonometry	.5			11	12
	Statistics 1	.5			11	12
	Statistics 2	.5			11	12
	Visualizing Mathematics	.5			11	12
Elective That Does Not Count Towards the STEM Elective Credit						
	SAT College Prep Math and English (Taken in Conjunction with English)	.5	9 Spring Only	10	11	12 Fall Only

*Credits do not count toward mathematics graduation requirements, but do count as STEM electives.

**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.

Mathematics: Possible Course Sequences

	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	Numeracy Lab (Formerly Math Workshop) SAT College Prep (Spring Only)	Numeracy Lab (Formerly Math Workshop) SAT College Prep	Numeracy Lab (Formerly Math Workshop) SAT College Prep	Numeracy Lab (Formerly Math Workshop) SAT College Prep (Fall Only)

Integrated Mathematics - 360H - 1 Credit

STEM

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.**

Numeracy Lab S1/S2 (Formerly Math Workshop)- 374HC/375HC - .5 Credit

STEM

This class is designed to offer support for students to work on their algebraic skills needed in order be successful with the common core standards for mathematics. Students must be concurrently enrolled in another full-year or half-year math course. Enrolled students will receive a grade of pass or fail rather than a letter grade for this course. Drop-in support available, schedule-permitting through initial conference with Support Center teacher. **Prerequisites: Placement determined by benchmark scores, teacher recommendation, and/or department head approval.**

Algebra 1 - 300HCP/300HH - 1 Credit

STEM

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 - 310HCP/310HH - 1 Credit

STEM

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 - 320HCP/320HH - 1 Credit

STEM

This course builds upon concepts learned in Algebra I 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 and Geometry OR take Algebra II concurrently with Geometry. College Prep or Honors level determined by data-driven teacher recommendation process.**

SAT College Prep S2 - 373H - .5 Credit**General Elective Credit 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. Students will receive a grade of pass or fail rather than a letter grade for this course.

MUSIC

COURSE TITLE		CREDITS	GRADES OFFERED			
FULL YEAR COURSES						
	Concert Choir*	1	9	10	11	12
	Select Choir*	1	9	10	11	12
	Concert Band*	1	9	10	11	12
	String Orchestra*	1	9	10	11	12
	Wind Ensemble Honors*	1	9	10	11	12
	Music Theory (AP/College Level)	1		10	11	12
	AP Music Theory	1			11	12
	Sectional Band (Percussion/Guitar, Keyboards, Drums)*	1	9	10	11	12
	Theatre Arts and Vocal Production	1	9	10	11	12
	Advanced Theatre Arts and Vocal Production	1		10	11	12
SEMESTER COURSES						
	Music Technology	.5		10	11	12
	Introduction to the Guitar	.5	9	10	11	12
	Introduction to the Piano	.5	9	10	11	12

* Course can be repeated for credit

All music courses meet the Arts graduation requirement.

Music: Possible Course Sequences

Year 1 – 4 Stand Alone Courses	Year 1, 2, 3 or 4 Full Year Courses	
Intro to Guitar (Semester)	Band (Full Year)	Wind Ensemble Honors (Full Year)
Intro to Piano (Semester)	Sectional Band (Full Year)	
Music Technology (Semester- 10th grade or above)	Chorus (Full Year)	Select Choir (Full Year)
Theatre Arts & Vocal Production 1 (Full Year)	Music Theory (ECE) (Full Year)	AP Music Theory (ECE) (Full Year)

Theatre Arts & Vocal Production 2 (Full Year) <i>(Prerequisite: Theatre Arts & Vocal Production 1)</i>	String Orchestra (Full Year)	
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Concert Choir - 603H - 1 Credit

Humanities

This course is an elective for grades 9-12 students who are interested in singing regardless of previous experience 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 - 604H - 1 Credit

Humanities

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 - 608H - 1 Credit

Humanities

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 - 609H - 1 Credit

Humanities

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 - 610HH - 1 Credit

Humanities

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) - 605H - 1 Credit

Humanities

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 - 611H - 1 Credit

Humanities

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.**

Introduction to Guitar - 602H - .5 Credit**Humanities**

Students will learn to play and read music using acoustic guitars in a group setting. Each participant will have access to a guitar for school use only. **Prerequisite: None.**

Introduction to Piano - 601H - .5 Credit**Humanities**

Students will learn to play and read music using electronic keyboards in a group setting. Each participant will have access to a keyboard. **Prerequisite: None.**

PHYSICAL EDUCATION

COURSE TITLE	CREDITS	GRADES OFFERED			
Physical Education 1	.5	9	(10)	(11)	(12)
Physical Education 2	.5		10	(11)	(12)
Project Adventure (Option for PE 2 Requirement)	.5		10		
Elective-Physical Education 3 (as space permits)	.5			11	12

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.

Physical Education: Possible Course Sequences

	Year 1	Year 2	Year 3	Year 4
PHYSICAL EDUCATION	Physical Education 1 (Grade 9)	Physical Education 2 (Grade 10)		
		Project Adventure (Alternative Option for Grade 10 Physical Education)		
<i>Physical Education Electives</i>			<i>Physical Education 3 (Elective)</i>	<i>Physical Education 3 (Elective)</i>

Physical Education 1 - 923HC - .5 Credit**PE and WELLNESS**

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

Starting with the 2019-2020 school year, the Stratford science department implemented a new course sequence for all freshmen in order to meet the requirements of the Next Generation Science Standards. All courses in this sequence will follow a phenomena-driven, inquiry-based model and will focus on three-dimensional learning across the domains of disciplinary core ideas, crosscutting concepts and science/engineering practices.

COURSE TITLE	CREDITS	GRADES OFFERED			
Earth and Energy Systems	.5	9	10		
Human Biology	.5	9	10		
Environmental Biology	.5	9	10	11	
Chemistry 1*	.5		10	11	
Chemistry 2*	.5		10	11	
Physical Science	.5			11	
Physics*	1			11	12
Forensic Science	.5			11	12
Biodiversity	.5			11	12
Physiology	1			11	12
Biotechnology	.5			11	12
Neuroscience	.5			11	12
AP/UCONN ECE Biology*	2.0			11	12
AP/UCONN ECE Chemistry*	2.0			11	12
AP/UCONN ECE Physics 1*	2.0			11	12
AP/UCONN ECE Physics C: Mechanics*	2.0			11	12
AP/UCONN ECE Physics 2*	2.0				12

*If a student is placed on Homebound Instruction during this course, laboratory credit may be lost depending on the amount of time spent out of school because lab components to the course would not be able to be completed.

Science Possible Course Sequences

	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	<u>Electives:</u> 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	Earth and Energy Systems* AND Human Biology* AND Environmental Biology*	Chemistry 1 AND Chemistry 2H	AP Chemistry	AP Physics 1 OR Electives
STEM - Physics Focus <i>Accelerated Math</i>			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 - 011HCP/011HH - .5 Credit

STEM

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 - 012HCP/012HH - .5 Credit

STEM

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 - 042HCP/042HH - .5 Credit

STEM

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

COURSE TITLE		CREDITS	GRADES OFFERED			
CORE COURSES						
	Modern World History	1	9			
	United States History	1		10		
	AP/UCONN-ECE United States History	1		10		
	Civics	.5			11	
	AP US Government and Politics*	1			11	12
	African American/Black and Puerto Rican/Latino Studies** (Dual Enrollment May Be Offered)	1			11	12
	Conversations on Race and Ethnicity	.5			11	12
	Economics	.5			11	12
	International Relations	.5			11	12
	Psychology	.5			11	12
	Sociology	.5			11	12
	AP Psychology**	1		10	11	12
HUMANITIES ELECTIVES						
	African American/Black and Puerto Rican/Latino Studies** (Dual Enrollment May Be Offered)	1			11	12
	Conversations on Race	.5			11	12
	Economics	.5			11	12
	International Relations	.5			11	12
	Psychology	.5			11	12
	Sociology	.5			11	12
	AP Psychology***	1		10	11	12
	AP US Government and Politics*	1			11	12

*This course fulfills the Civics requirement as well as the requirement for an additional half year course.

**Students must still take Civics for half a year.

Social Studies: Possible Course Sequences/Choices

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	<p>Required Civics (Half Year Course) Offered Fall and Spring Optional Honors</p> <p>or</p> <p>AP US Government & Politics (Fulfills both the Civics and Additional Half Year Requirement)</p>	<p>Required Half Year Options (Choose 1) Economics International Relations Psychology (Semester) or AP Psychology (Year Long) Sociology</p>	<p><u>Humanities Electives</u></p> <p>African American/Black and Puerto Rican/Latino Studies (Students must still take Civics for half a year) (Honors or Dual Enrollment May Be Offered)</p> <p>Conversations On Race and Ethnicity (Will satisfy a semester humanities elective)</p> <p>Psychology (Semester)</p> <p>AP Psychology (Fulfills Non Civics Half of Grade 11 Social Studies) Sociology Economics</p>
Grade 12 Electives	<p>AP Government African American/Black and Puerto Rican/Latino Studies (Students must still take Civics for half a year)</p> <p>Conversations On Race and Ethnicity (Will satisfy a semester humanities elective)</p> <p>Economics International Relations Psychology (Semester or AP) Sociology</p>		

Grade 9 Requirement

Modern World History College Prep (CP) - 100HCP - 1 Credit

Humanities

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 - 100HH - 1 Credit

Humanities

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.**

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 and Bunnell High School)

BRIDGES a district wide program for students in grades 9-12 whose primary classification is predominantly intellectual disability. The program focuses on improving the academic and functional achievement of students to facilitate their transition from high school to post-secondary opportunities. BRIDGES offers specialized instruction in English, Math, and Functional Living Skills as well as Academic Support for general education classes. The program focuses on social skills, speech and language services, community experiences, pre-employment skills and the acquisition of daily living skills. Students also have the opportunity to attend general education classes as appropriate for electives, PE, and Health requirements for graduation. **Student placement is determined by the Planning and Placement Team (PPT).**

SAILS (Stratford's Academic and Independent Living Skills)

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

The SAILS program is designed for middle and high school students who have significant life skills, academic, language and behavioral needs. Each classroom has a special education teacher, behavior technicians, classroom instructional assistants, tutors and is supported by a Board Certified Behavior Analyst. The intention of this program is to develop strategies based in the science of Applied Behavior Analysis to increase desired life, social, language, community, and academic behaviors of students while decreasing the occurrence of problematic behaviors. Students will participate in classes in the mainstream environment, as appropriate, while having specialized programming within the SAILS classroom. The SAILS team will work with service providers such as Occupational Therapists, Physical Therapists and Speech and Language Pathologists to collaborate on appropriate strategies for students in all environments. **Student placement is determined by the Planning and Placement Team (PPT).**

STEPS (Support for the Enhancement of Pro Social Skills)

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

The STEPS program offers a continuum of services designed to support students with significant social, emotional and behavioral needs. It provides education in the least restrictive environment by general and special educators and services students in grades 7 through grade 12. The goal of the STEPS program is to return students to the general education setting by resolving behavioral, social and emotional difficulties through behavior modification systems, social skills building, and peer conflict resolution. **Students are placed in the program through their Planning and Placement Teams (PPT).**

WORLD LANGUAGES

COURSE TITLE	CREDITS	GRADES OFFERED			
French 1*	1	9	10	11	12
French 2	1	9	10	11	12
French 2 Honors	1	9	10	11	12
French 3	1		10	11	12
French 3 Honors	1		10	11	12
French 4 Honors	1			11	12
French 5/ French 5 AP/ECE	1			11	12
Spanish 1*	1	9	10	11	12
Spanish 2	1	9	10	11	12
Spanish 2 Honors	1	9	10	11	12
Spanish 3	1		10	11	12
Spanish 3 Honors	1		10	11	12
Spanish 4	1		10	11	12
Spanish 4 Honors	1			11	12
Spanish 5/ Spanish 5 AP	1			11	12
Latin 1	1	9	10	11	12
Latin 2	1		10	11	12
Latin 2 Honors	1		10	11	12
Latin 3	1			11	12
Latin 3 Honors	1			11	12
Latin 4 Honors	1			11	12
AP Latin	1				12

The table above indicates the expected sequence of courses by grade levels. Exceptions will be made on an individual basis for students with exceptional linguistic ability or who are native speakers of the language. Budget allocations will determine grade level offerings.

***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.**

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. Honors courses at the 3rd and 4th levels will introduce and build upon the proficiency skills and competencies required for success on the pathway toward Advanced Placement and University of Connecticut Early College Experience studies.

Seal of Biliteracy

Students have an opportunity to earn the Seal of Biliteracy on their diplomas by passing an AP exam in a World Language with a score of 3 or more or by passing a proficiency exam in their chosen language.

World Language: Course Sequences

(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 5 AP/ECE
French 1B	French 2H	French 3H	French 4H	French 5 AP/ECE
Latin 1	Latin 2	Latin 3	Latin 4H / AP Latin	
Latin 1	Latin 2H	Latin 3H	Latin 4H / AP Latin	

French 1, Spanish 1 -501H/511H - 1 credit

World Language/Humanities

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

World Language/Humanities

502H/512H/502HH/512HH - 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 - 521H - 1 credit

World Language/Humanities

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.**

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 learn more about requirements and to register, prospective student athletes should access the registration materials by visiting the NCAA 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 1 and Division 2 athletes have different qualification requirements which have been adjusted due to COVID-19. Please visit the NCAA Eligibility Center for the current requirements.

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)

CAREER DEVELOPMENT

Grades 6-12

The Career Portfolio Tool (Naviance) helps students translate their career and education exploration into concrete plans for success. The program offers a variety of assessments including career interest inventories, college search programs, learning styles assessments and financial aid/scholarship searches.

The following may be offered.

Grade 10 Career Shadowing

Students may have the opportunity to identify their career preferences and be matched with local businesses, elementary and middle schools, hospitals, colleges, and training centers that agree to host the student for the day. These shadowing experiences give students some insight into the demands and responsibilities of specific careers, as well as day to day activities. The early formation of career plans can motivate students to continue in school and gain the education necessary to achieve their goals.

Grades 11-12 Internship/Extended Learning Experience

0.5 credits – 60 hours

Opportunities may be offered to juniors and seniors who want to gain experience and learn more about a particular career field. Depending on the student's career pathway, the student is placed at an internship site, which will complement their interests and skills. Whether the student is selecting a college major or looking for a career, participating in an internship can be a very valuable experience.

Grades 9-12 Mentoring Programs offered to high school students may 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

CONTINUING EDUCATION

Evening High School – Credit Diploma Program (Not available to students currently enrolled in K-12 day program.)

The Credit Diploma Program is available to any Stratford adult resident (age 17 and older who has officially withdrawn from K-12 day school) who wishes to complete his/her secondary education. Each applicant must present an **official transcript** from his/her last high school attended. In addition, each 17 and 18 year old student must present an **official, signed withdrawal form** from the student's last high school. Students who successfully complete the required twenty five high school course credits will receive a High School Diploma from the Stratford Board of Education. Courses for credit are available in grades nine through twelve in both academic and elective areas. Some courses are offered online at Connecticut Virtual High School (CTVHS). For further information, contact the Continuing Education Department at (203) 385-4270 or conted@stratk12.org.

GED® Test Preparation Program - (Not available to students currently enrolled in K-12 program.)

The GED® Test Preparation Program is available to any Stratford resident who is at least 17 years old, officially withdrawn from K-12 day school and wishes to receive a State of Connecticut High School Diploma by passing the four sections of the GED® Test. In order to apply for the GED® examination, an individual must be 17 years of age or older, no longer enrolled in school and successfully pass the GED® Ready Practice Test. At the time of test registration, individuals 17 and 18 years old must submit documentation from the last previous high school, and demonstrate the following: proof of having been either officially withdrawn from school for at least six months or the class with which they entered ninth grade (or would have entered if never enrolled in high school) has already graduated. For further information, contact the Continuing Education Department at (203) 385-4270 or conted@stratk12.org.

Middle School Summer School (Grades 7-8)

Please visit <https://stratfordpsct.sites.thrillshare.com/page/continuing-education> for current information on requirements.

High School Summer School (Grades 9-12)

Please visit <https://stratfordpsct.sites.thrillshare.com/page/continuing-education> for current information on requirements.

POSSIBLE DUAL ENROLLMENT OPPORTUNITIES

Students in the Stratford Public Schools often have options to apply for dual enrollment with our partner colleges. Students who apply are starting college transcripts and need to be ready for this responsibility. If a student attends a college other than the one through which the dual enrollment credits are offered, the student will need to request that an official transcript be sent to their university. Each college and university and each academic program establishes its own policies for accepting transfer credit.

COLLEGE CAREER PATHWAYS - College Credit Programs (CCP)

The **College Career Pathways Program** is designed to provide high school students with an enhanced program in Career and Technology Education. Most CCP courses in Stratford are aligned with Housatonic Community College. The program enables high school students to earn credits in a technical field. These credits can be used at all Connecticut two-year colleges and may be used at four-year colleges. Students should check with the four-year college to determine if the credits will count. Students must complete the application process by the deadlines set by Housatonic or any additional CCP partner.

Students may have the opportunity to earn college credit in the following courses:

- Accounting 1
- Intro to Early Childhood Education 1-2 Combined
- Allied Health (Multi-Course Sequence)
- AP Mobile Computer Science through Capital Community College (Pending Approval)

Courses are available free of charge.

Lincoln Technical Institute

Dual enrollment credit may be offered through these courses.

Exploring Culinary Arts 1 & 2

Bakeshop 1 & 2

SACRED HEART UNIVERSITY DUAL-ENROLLMENT

Sacred Heart University has partnered with Stratford to offer juniors and seniors the opportunity to earn college credit while enrolled in classes in the Stratford Public Schools. Students apply to enroll in courses and start their Sacred Heart transcript. Students must complete the application process by the deadlines set by Sacred Heart.

Students may have the opportunity to earn college credit in the following course:

- African American/Black and Puerto Rican/Latino Studies (pending)

There is a fee and aid may be available to students who need it.

SOUTHERN CONNECTICUT STATE UNIVERSITY (SCSU) EARLY COLLEGE

Southern Connecticut State University (SCSU) has partnered with Stratford to offer juniors and seniors the opportunity to earn college credit while enrolled in classes in the Stratford Public Schools. Students apply to enroll in challenging courses and start their SCSU transcript. Stratford teachers are certified as adjunct faculty at SCSU. Students must complete the application process by the deadlines set by SCSU.

Students may have the opportunity to earn college credit in the following courses:

- AP Language and Composition--up to six credits: 3 credits in Communications and 3 credits in Women and Gender Studies
- AP Statistics (Pending)
- College Algebra 2
- Digital Text and Tools for Learning
- Teachers, Schools and Society

There is a fee and aid may be available to students who need it.

UNIVERSITY OF CONNECTICUT (UCONN) EARLY COLLEGE EXPERIENCE

UCONN Early College Experience (ECE) provides academically motivated students with the opportunity to take university courses while in high school. These challenging courses allow students to preview college work, build confidence in their readiness for college, and earn college credits that provide both an academic and a financial head-start on a college degree and other postsecondary opportunities. UConn ECE instructors are high school teachers at Stratford High and Bunnell High who are certified as adjunct professors by UCONN. To support rigorous learning, UCONN academic resources (including library and online classroom access) are available to all UCONN ECE students. The University of Connecticut sets the prerequisites and course requirements for these courses. Students must complete the application process by the deadlines set by UCONN.

There is a fee and aid may be available to students who need it.

Students may have the opportunity to earn college credit in the following courses. The name of the Stratford course as listed in Stratford's Program of Studies is in parentheses.

- **AH 1100: Introduction to Allied Health Professions (Allied Health Exploration)** *One credit.* Offered Fall or Spring. Overview of health professions, team approach to health care delivery. *Eligibility Guidelines: Instructor consent is required.*
- **AH 2001: Medical Terminology (Medical Terminology)** *Two credits.* Offered Fall, Spring, or Full-year. Introduction and mastery of medical terminology through presentation of word roots, prefixes and suffixes. Disease processes, symptoms, diagnosis, and treatments that affect various body systems. Terminology associated with disease processes, symptoms, diagnosis, clinical procedures, laboratory tests, and treatments that affect various body systems. *Eligibility Guidelines: Student must have successfully completed or be enrolled concurrently in high school biology. Instructor consent is required.*
- **BIOL 1107: Principles of Biology I (AP Biology UCONN/ECE BIOL 1107/BIOL 1108)** *Four credits.* Offered Fall, Spring, or Full-year. May be taken in either order. Designed to provide a foundation for more advanced courses in Biology and related sciences. Topics covered include molecular and cell biology, animal anatomy and physiology. Lab exercises include dissection of preserved animals. *Eligibility Guidelines: Student must have studied/been exposed to the fundamental basic principles of inorganic and organic chemistry in a course that in addition contains a laboratory component.*
- **BIOL 1108: Principles of Biology II (AP Biology UCONN/ECE BIOL 1107/BIOL 1108)** *Four credits.* Offered Fall, Spring, or Full-year. May be taken in either order. Designed to provide a foundation for more advanced courses in Biology and related sciences. Topics covered include evolution and population genetics, plant physiology and diversity, animal diversity and behavior, and ecology. *Eligibility Guidelines: Student must have studied/been exposed to the fundamental basic principles of inorganic and organic chemistry in a course that in addition contains a laboratory component.*
- **CAMS 3102: Topics in Advanced Latin (AP Latin)** *Four credits.* Offered Fall, Spring, or Full-year. With a change in content, may be repeated for credit. Reading of Latin texts in the original. *Eligibility Guidelines: Successful completion of three or more years of high school Latin (Latin 1-3 at the high school level) or the equivalent is required.*
- **CHEM 1127Q: General Chemistry I (AP Chemistry UCONN/ECE CHEM 1127Q/CHEM 1128Q)** *Four credits.* Offered Fall only. Designed to provide a foundation for more advanced courses in chemistry. Atomic theory, laws and theories concerning the physical and chemical behavior of gasses, liquids, solids, and solutions. Quantitative measurements illustrating the laws of chemical combination in the laboratory component. *Eligibility Guidelines: Successful completion of basic algebra is recommended. A student must pass CHEM 1127Q with a grade of a "C" or higher to continue on to CHEM 1128Q.*

- **CHEM 1128Q: General Chemistry II (AP Chemistry UCONN/ECE CHEM 1127Q/CHEM 1128Q)** *Four credits.* Offered Spring only. Equilibrium, thermodynamics, nuclear chemistry, and kinetics. Properties of some of the more familiar elements and their compounds. Equilibrium in solutions and reactions of the common cations and anions in the laboratory component. *Eligibility Guidelines: Successful completion of basic algebra is recommended. A student must pass CHEM 1127Q with a grade of a "C" or higher to continue on to CHEM 1128Q.*
- **EDCI 1100: If You Love It, Teach It (If You Love It, Teach It)** *Three credits.* Offered Fall, Spring, or Full-year. Studies of K-12 teaching, learning, and schooling in the United States; historical, philosophical, and social foundations of education as well as self-study to reimagine educational futures. *Eligibility Guidelines: Successful completion of three years of high school English is recommended.*
- **ENGL 1007: Seminar and Studio in Academic Writing and Multimodal Composition** *Four credits.* Offered Full-Year; College composition through multiple forms of literacy, including rhetorical, digital, and information literacies necessary for twenty-first-century contexts. The development of creatively intellectual inquiries through sustained engagement with texts, ideas, and problems. Emphasis on transfer of writing and rhetorical skills to academic and daily life. Students design a digital portfolio that curates creations and skills-based micro-credentials they earn in coursework. *Eligibility Guidelines: Successful completion of three years of high school English is required.*
- **HDFS 1070: Individual & Family Development (Introduction to Individual and Family Development)** *Three credits.* Offered Fall, Spring or Full-year. Human development throughout the lifespan, with emphasis upon the family as a primary context. *Eligibility Guidelines: Successful completion of two years of English/Language Arts, one year of social studies, and one year of science, or instructor consent, is required.*
- **HIST 1501: United States History to 1877 (AP/UCONN-ECE United States History)** *Three credits.* Offered Fall, Spring, or Full-year. Surveys political, economic, social, and cultural developments in American history through the Civil War and Reconstruction. *Eligibility Guidelines: Successful completion of at least one year of a high school history course recommended.*
- **HIST 1502: United States History Since 1877 (AP/UCONN-ECE United States History)** *Three credits.* Offered Fall, Spring, or Full-year. Surveys political, economic, social, and cultural developments in American history from 1877 to the present. *Eligibility Guidelines: Successful completion of at least one year of a high school history course recommended.*
- **MATH 1131Q: Calculus I (AP Calculus AB or AP Calculus BC)** *Four credits.* Offered Fall only. Limits, continuity, differentiation, antidifferentiation, definite integral, with applications to the physical sciences and engineering sciences. Suitable for students with some prior calculus experience. Substitutes for MATH 1151 as a requirement. *Eligibility Guidelines: Successful completion of one year of pre-calculus is required. A student must pass MATH 1131Q with a grade of a "C" or higher to continue on to MATH 1132Q. To receive credit for the MATH 1131Q – MATH 1132Q sequence a student must pass MATH 1131Q in the Fall with a C or higher and continue to MATH 1132Q in the following Spring. The sequence must be completed in one academic year. Students cannot receive credit for MATH 1131 and MATH 1151*
- **MATH 1132Q: Calculus II (AP Calculus BC)** *Four credits.* Offered Spring only. Transcendental functions, formal integration, polar coordinates, infinite sequences and series, vector algebra and geometry, with applications to the physical sciences and engineering. Substitutes for MATH 1122 as a requirement. *Eligibility Guidelines: Successful completion of one year of pre-calculus is required. A student must pass MATH 1131Q with a grade of a "C" or higher to continue on to MATH 1132Q. To receive credit for the MATH 1131Q – MATH 1132Q sequence a student must pass MATH 1131Q in the Fall with a C or higher and continue to MATH 1132Q in the following Spring. The sequence must be completed in one academic year. Prerequisite: MATH 1131Q in the immediately preceding semester.*
- **MUSI 1011: Fundamentals/Ear Training I (AP Music Theory/AP Music Theory ECE)** *Three credits.* Offered Fall, Spring, or Full-year. Basic skills in note reading, rhythm, meter, pitch symbols, scales,

key-signatures, intervals, triads, sight-singing, and dictation. No previous training is required.

Eligibility Guidelines: Completion of at least one year of preparatory work in music courses at the high school level is recommended.

- **MUSI 1012: Fundamentals/Ear Training II (AP Music Theory/AP Music Theory ECE)** *Three credits.* Offered Fall, Spring, or Full-year. Further development of skills in music reading, sight-singing, and dictation. *Eligibility Guidelines: A student must pass MUSI 1011 with a grade of a "C" or higher to continue on to MUSI 1012.*
- **PHYS 1201Q: General Physics I (Advanced Placement Physics 1/UCONN PHYS 1201Q)** *Four credits.* Offered Fall, Spring, or Full-year. A non-calculus based course introducing the laws of force and motion applied to mechanical phenomena. Concepts such as work, mechanical energy, linear and angular momentum, and energy conservation are explained. The laboratory offers fundamental training in precise measurements. *Eligibility Guidelines: Successful completion of high school chemistry is recommended.*
- **PHYS 1202Q: General Physics II (Advanced Placement Physics 2/UCONN PHYS 1202Q)** *Four credits.* Offered Fall, Spring, or Full-year. A non-calculus based course introducing the principles governing electromagnetic phenomena, including electromagnetic radiation and waves and electric circuits. The laboratory offers fundamental training in precise measurements. *Eligibility Guidelines: Successful completion of pre-calculus or introductory calculus is recommended. A student must pass PHYS 1201Q with a grade of a "C" or higher to continue on to PHYS 1202Q.*
- **PHYS 1401Q: General Physics with Calculus I (Advanced Placement Physics C/UCONN PHYS 1401Q)** *Four credits.* Offered Fall, Spring, or Full-year. Quantitative study of the basic facts and principles of physics with an emphasis on mechanical phenomena. Concepts such as work, mechanical energy, linear and angular momentum, and energy conservation are explained. The laboratory offers fundamental training in physical measurements. Recommended for non-engineering students who desire to have a calculus-based physics sequence. It is also recommended for science majors whom a one year introductory physics course is adequate. *Eligibility Guidelines: Successful completion of pre-calculus or introductory calculus is recommended. Students who matriculate to UConn may take PHYS 1401Q for not more than two credits, with the permission of the instructor, if students received credits for PHYS 1201Q.*
- **SPAN 3178: Intermediate Spanish Composition (Spanish 5 Advanced Placement/Spanish Early College Experience)** *Three credits.* Offered Fall, Spring, or Full-year. This course provides a thorough review of grammar and methodical practice in composition leading to command of practical idioms and vocabulary. *Eligibility Guidelines: Successful completion of three or more years of high school Spanish or instructor consent is recommended.*
- **SPAN 3179: Spanish Conversation: Cultural Topics (Spanish 5 Advanced Placement/Spanish Early College Experience)** *Three credits.* Offered Fall, Spring, or Full-year. Recommended preparation: SPAN 3178. In-depth development of speaking skills through cultural readings, group discussions and oral presentations on selected topics concerning the Spanish-speaking world. *Eligibility Guidelines: Successful completion of three or more years of high school Spanish, successful completion of SPAN 3178, or instructor consent is recommended.*
- **STAT 1100Q: Elementary Concepts of Statistics (AP Statistics)** *Four credits.* Offered Fall, Spring, or Full-year. Standard and nonparametric approaches to statistical analysis; exploratory data analysis, elementary probability, sampling distributions, estimation and hypothesis testing, one- and two-sample procedures, regression and correlation. Learning to do statistical analysis on a personal computer is an integral part of the course. *Eligibility Guidelines: Successful completion of Intermediate Algebra/Algebra II is required*

UNIVERSITY OF NEW HAVEN COLLEGE CREDIT

Students who are enrolled in the following Pre-Engineering, **Project Lead The Way** (PLTW) courses are eligible to apply for the “Exemplary Student Recognition Program” through the University of New Haven (UNH). They can receive a college credit transcript if they meet all program requirements.

Students must complete the application process by the deadlines set by UNH.

Students may have the opportunity to earn college credit in the following courses:

University of New Haven PLTW Course Equivalents

- Introduction to Engineering Design = UNH course ME201 (2 semester credits)
- Principles of Engineering = UNH course EE155 (3 semester credits)
- Digital Electronics = UNH course EAS207 (3 semester credits)
- Engineering Design & Development = UNH course EAS109 (2 semester credits)

There is a fee and aid may be available to students who need it.

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:

https://core-docs.s3.amazonaws.com/documents/asset/uploaded_file/1913322/6172.6_Online_Courses.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 the completion of 60 hours of Community Service which can include 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 0.5 to 1 credit

Students may register for work experience programs in the high school’s main office, guidance office, library, health center, or another setting in a high school. 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 on the number of periods and number of semesters scheduled. Work experience courses are graded on a S/U scale for successful or unsuccessful performance, respectively. Grade determination is made by the student’s work experience supervisor based on job performance.

Work Experience- 890H-0.5 to 1 credit

STEM

Students in their junior or senior years may apply to earn credit for work completed outside of the school day. A 0.5 credit is awarded for the completion of 60 hours of work. Students cannot earn more than 1 credit toward graduation for work experience. Students must provide their own transportation. Work must not interfere with the normal school day.

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:

https://core-docs.s3.amazonaws.com/documents/asset/uploaded_file/1913323/6172.61_TransferofCreditsPolicy.pdf