

SHELTON HIGH SCHOOL



**2024
2025**

**SHELTON HIGH SCHOOL
PROGRAM OF STUDIES**

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THE SHELTON WAY

The Vision of a Graduate

If...

we design a pathway for student learning and growth, and guide our students step-by-step, each at their own unique pace,

Then...

they will grow into capable adults, confident and well-prepared to adapt to and thrive in the rapidly changing global society.



CRITICAL THINKING AND PROBLEM SOLVING

Developing solutions to complex issues by efficiently applying reason, persistency and original idea.



CREATIVITY AND INNOVATION

Embrace imagination as well as the process of change to shape the world.



FLEXIBILITY AND ADAPTABILITY

Willingness to compromise and adjust to new situations.



INITIATIVE AND SELF DIRECTION

Assess and identify progressive action(s) to work independently with an inner driven passion.



COLLABORATION

Working with others efficiently to strategically produce or create.



EMPATHY

Ability to listen and understand others' perspective, needs and culture.

Shelton Public Schools
382 Long Hill Avenue, Shelton, CT 06484
203.924.1023

CORE VALUES & BELIEFS

The Shelton High School community believes that a safe, respectful atmosphere must be established and maintained for all students to achieve excellence and become responsible citizens. Within this environment, we expect all students to be engaged learners and critical thinkers who demonstrate technological literacy.

RESPECT **RESPONSIBILITY** **SAFETY**

WE BELIEVE...

A respectful, safe atmosphere must be established and maintained for successful teaching and learning;

Students, staff and parents, in cooperation with community members, must share responsibility in the teaching and learning process;

A rigorous curriculum must be provided to accommodate and challenge students in order to prepare them to participate productively in a global society;

Instruction must provide opportunities for all students to work independently and collaboratively.

LEARNING EXPECTATIONS

ACADEMIC, SOCIAL, AND CIVIC COMPETENCIES

- Reads and writes effectively
- Researches effectively to investigate topics
- Thinks critically to solve problems
- Presents information and ideas fluently
- Participates actively in civic life

ADMINISTRATION & COUNSELING

PRINCIPAL

MRS. KATHLEEN RIDDLE

kriddle@sheltonpublicschools.org

Main Office

HOUSE 1

MR. ROBERT AYER

ASSISTANT PRINCIPAL

raye@sheltonpublicschools.org

SCHOOL COUNSELORS

Mrs. Lynn Giordano

lgordano@sheltonpublicschools.org

Mr. Edward Hilser

ehilser@sheltonpublicschools.org

HOUSE 2

MS. VICTORIA WHITE

ASSISTANT PRINCIPAL

vwhite@sheltonpublicschools.org

SCHOOL COUNSELORS

Mrs. Casey DeGennaro

cdegennaro@sheltonpublicschools.org

Ms. Lisa Papa

lpapa@sheltonpublicschools.org

HOUSE 3

MR. JAMES COLANDREA

ASSISTANT PRINCIPAL

jcolandrea@sheltonpublicschools.org

SCHOOL COUNSELORS

Mrs. Dina DeRosa

kderosa@sheltonpublicschools.org

Mrs. Lisa Girard

lgirard@sheltonpublicschools.org

CURRICULUM LEADERS

ART

MRS. THERESA MANUS-PICCOLO - tmanus-piccolo@sheltonpublicschools.org - Room 493

CAREER & TECHNICAL EDUCATION

MS. PAMELA GARRETT - pgarrett@sheltonpublicschools.org - Room 318

COUNSELING

MR. ERIK MARTIRE - emartire@sheltonpublicschools.org - Career Center

ENGLISH

MS. DANA JEANETTE-KNEEN - djeanette@sheltonpublicschools.org - Room 326

LIBRARY/MEDIA

MR. RON GYDUS - rgydus@sheltonpublicschools.org - LMC

MATH

MRS. CAROLINE SCHWEYER - cschweyer@sheltonpublicschools.org - Room 129

PHYSICAL/HEALTH EDUCATION

MR. BRAD PICCIRILLO - bpiccirillo@sheltonpublicschools.org - P.E. Office

SCIENCE

MR. CHRISTOPHER TIESLER - ctiesler@sheltonpublicschools.org - Room 419

SOCIAL STUDIES

MR. JIM HILL - jhill@sheltonpublicschools.org - Room 119

SPECIAL SERVICES

MS. MICHELLE ANDREWS - mandrews@sheltonpublicschools.org - Room 222

WORLD LANGUAGES

MRS. KAREN GIORDANO - kgiordano@sheltonpublicschools.org - Room 306

CLASSES OF 2025 & 2026

1. A Total of 25.4 credits is required for graduation. Required credits are as follows:

HUMANITIES

9.0 CREDITS

English (4.0 credits)

(including 1.0 in English I, 1.0 in English II, 1.0 in English III and 1 additional English credit from the following courses: English IV, AP English Literature or two senior English seminars)

Social Studies (3.0 credits)

(including 1.0 in U.S. History I and .5 in U.S. History II or 1.0 in AP U.S. History; .5 Civics or 1.0 in AP Government)

The Arts (0.5 credit)

(Culinary & Hospitality, Fine Arts, Media, Music, & Theater)

STEM

9.0 CREDITS

Science (3.0 credits)

Mathematics (3.0 credits)

Technical Education (0.5 credit)

WORLD LANGUAGES

1.0 CREDIT

PHYSICAL EDUCATION/ WELLNESS

1.0 CREDIT

HEALTH AND SAFETY EDUCATION

1.0 CREDIT

ELECTIVES

3.0 CREDITS

COMMUNITY SERVICE

0.4 CREDIT

Including .1 credit for 10 hours of service for each of 4 years

MASTERY-BASED DIPLOMA ASSESSMENT - CAPSTONE PROJECT

1.0 CREDIT

Through the Capstone experience, students demonstrate proficiency in milestones of the Shelton Public Schools Vision of a Graduate

TOTAL FOR GRADUATION

25.4 CREDITS

2. Students who pass Algebra I, Geometry and/or Algebra II at Shelton Intermediate School will be given high school credit.

3. Students who pass a World Languages course in eighth grade at Shelton Intermediate School will be given high school credit.

4. Accounting and Computer Science courses do not fulfill the mathematics graduation requirement.

5. Students are required to complete 10 hours of community service per year, a total of 40 hours prior to graduation. Students will receive .1 credit for 10 hours of service each year. Students may not earn more than .1 credit per year for service. Students must submit a signed contract for themselves and their supervisor responsible for monitoring their hours. This contract must be approved by the Principal or their designee prior to beginning service hours.

6. The minimum course load per semester is 6.0 credits. Exceptions to this regulation must be approved by the Principal or student's Assistant Principal.

7. A student will earn their diploma and may participate in the graduation ceremony only if all academic requirements and obligations are met.

CLASSES OF 2027 & 2028

1. A Total of 25.4 credits is required for graduation. Required credits are as follows:

HUMANITIES

9.0 CREDITS

English (4.0 credits)

(including 1.0 in English I, 1.0 in English II, 1.0 in English III and 1 additional English credit from the following courses: English IV, AP English Literature or two senior English seminars)

Social Studies (3.0 credits)

(including 1.0 in U.S. History I and .5 in U.S. History II or 1.0 in AP U.S. History; .5 Civics or 1.0 in AP Government)

The Arts (0.5 credit)

(Culinary & Hospitality, Fine Arts, Media, Music, & Theater)

Financial Literacy (0.5 credit)

STEM

9.0 CREDITS

Science (3.0 credits)

Mathematics (3.0 credits)

Technical Education (0.5 credit)

WORLD LANGUAGES

1.0 CREDIT

PHYSICAL EDUCATION/ WELLNESS

1.0 CREDIT

HEALTH AND SAFETY EDUCATION

1.0 CREDIT

ELECTIVES

3.0 CREDITS

COMMUNITY SERVICE

0.4 CREDIT

Including .1 credit for 10 hours of service for each of 4 years

MASTERY-BASED DIPLOMA ASSESSMENT - CAPSTONE PROJECT

1.0 CREDIT

Through the Capstone experience, students demonstrate proficiency in milestones of the Shelton Public Schools Vision of a Graduate

TOTAL FOR GRADUATION

25.4 CREDITS

2. Students who pass Algebra I, Geometry and/or Algebra II at Shelton Intermediate School will be given high school credit.

3. Students who pass a World Languages course in eighth grade at Shelton Intermediate School will be given high school credit.

4. Accounting and Computer Science courses do not fulfill the mathematics graduation requirement.

5. Students are required to complete 10 hours of community service per year, a total of 40 hours prior to graduation. Students will receive .1 credit for 10 hours of service each year. Students may not earn more than .1 credit per year for service. Students must submit a signed contract for themselves and their supervisor responsible for monitoring their hours. This contract must be approved by the Principal or their designee prior to beginning service hours.

6. The minimum course load per semester is 6.0 credits. Exceptions to this regulation must be approved by the Principal or student's Assistant Principal.

7. A student will earn their diploma and may participate in the graduation ceremony only if all academic requirements and obligations are met.

PROMOTION REQUIREMENTS

PROMOTION REQUIREMENTS: To be promoted to the next grade level, students must earn the following credits, which include required completion of English and Community Service each year.

	Promotion to Grade 10	Promotion to Grade 11	Promotion to Grade 12	Total Credits for Graduation
Classes of '25, '26, '27, & '28	4.6	11.2	17.3	25.4

WEIGHTED & UNWEIGHTED GRADE POINT VALUES

Grade point values are awarded at the end of each marking period and grade point average calculated at the end of each year. Students receive both an unweighted GPA calculated on the base scale, and a weighted GPA factoring the level of each course. When factoring weighted GPA, unweighted courses are assigned a weight equivalent to the baseline. The average may be verified by using the Weighted and Unweighted Grade Point Values chart below, also factoring the amount of credit awarded for each course.

	A+	A	A-	B+	B	B-	C+	C	C-	D+	D
AP/UCONN/SCSU	5.00	4.67	4.33	4.00	3.67	3.33	3.00	2.67	2.33	2.00	1.67
HONORS/HCC	4.67	4.33	4.00	3.67	3.33	3.00	2.67	2.33	2.00	1.67	1.33
COLLEGE PREP/BASE	4.33	4.00	3.67	3.33	3.00	2.67	2.33	2.00	1.67	1.33	1.00
ACADEMIC	4.00	3.67	3.33	3.00	2.67	2.33	2.00	1.67	1.33	1.00	.67





ACADEMIC REGULATIONS

INTRODUCTION

Shelton High School offers varied programs that will provide an education best suited to your particular needs, interests, and abilities. An opportunity for growth and fulfillment as a student and as a person is presented in a safe environment characterized by respect. Our staff, students, parents, and community work collaboratively to encourage lifelong learning and responsible citizenship. Selection of courses should be made only after careful consultation with parents, teachers, and school counselors.

This booklet, which lists all the courses presently offered at Shelton High School with a brief description of each course, is provided for your convenience in making your selection of courses for next year. Courses run based on enrollment. It is suggested that you print the booklet and go over it with your parents before completing your course selection sheet. Please keep it in a safe place since you may need to refer to it, even during the next school year. The course selection book is available on the school's website at sheltonhigh.sheltonpublicschools.org.

Top priorities for every high school student should be learning, and developing one's interests. Therefore, you should take a course of studies that will fulfill the graduation requirements, challenge your intellect, allow you to explore new interests and learning, and possibly lay a foundation for a career. In selecting your courses, keep in mind your career, educational, and personal goals, as well as your overall work-load and other commitments. These are all important factors in helping you decide on an appropriate program of study to prepare yourself for the rapidly changing world in which you will be living and working. Frequently, students in high school are not sufficiently secure in a career decision to enable them to plan courses toward a specific career. In this case, students are urged to choose courses which will allow them to explore multiple departments and to build transferable skills that will serve them well in all areas of academics and life. Students should not feel locked into any particular pattern of courses but rather should be encouraged to experience a variety of offerings, both for personal enrichment and post-graduation readiness.

It is imperative that students make careful selection for next year's courses. The entire staff, consisting of counselors, teachers, curriculum leaders, and administrators, is ready to answer any questions and assist you in selecting those subjects which best fit your capabilities, needs, and career interests. Please select your courses with the utmost care. **THE SCHEDULE THAT YOU CHOOSE DURING THIS COURSE SELECTION PROCESS WILL BE TREATED LIKE A CONTRACT. YOU WILL BE EXPECTED TO TAKE AND COMPLETE ALL THE COURSES ON YOUR SCHEDULE FOR THE UPCOMING YEAR. STUDENTS ARE NOT PERMITTED TO TRANSFER TO A DIFFERENT SECTION OF THE SAME COURSE AND LEVEL.**

PROCESS OF COURSE SELECTION

Process of Course Selection

1. Read this course selection booklet carefully and thoroughly.
2. Review your program of studies with teachers, curriculum leaders, counselors and family.
3. Discuss your choices with parents. Beaware of course history.
4. Complete your course selection sheet.
5. Log on to the Infinite Campus student portal to input course requests.
6. Submit your course selection sheet and printed Request Summary from Infinite Campus to homeroom teacher by the designated date.

COURSE LOAD

All students must select and take a minimum of six (6) academic subjects per semester. Freshmen and sophomores must also select Physical Education/Wellness. Students who elect a 1/2-year course as one of their subjects must also elect a second 1/2-year course in order to meet this minimum requirement.

GRADING PROCEDURES FOR WITHDRAWALS

A great deal of time and effort on the part of the staff is devoted to developing an individual program for each student. It is also essential that students and parents put sufficient time and thought into the process to assure a satisfactory program. When this combined effort is made, there are few legitimate reasons for making program changes during the school year.

Any course selected should be started with the idea of completion in mind. Trying the subject for a while and then dropping it is discouraged. **When a student is granted a withdrawal from a course after twenty days (ten days for a half-year course) from the commencement of a class, one of the following grades will appear on his/her transcript:**

- “W” will indicate that the student is in “good standing” in the course at the time of withdrawal. This student has made an attempt to be successful in the class and has attended class regularly, submitted homework, etc. A “W” will appear on the student’s transcript.
- “WF” will indicate that the student is not in “good standing” in the course at the time of withdrawal. A “WF” will be recorded on the student’s transcript.

A student requesting a course drop or change must continue to attend the class originally assigned until all transfer paperwork is formally completed. A student who stops attending class before the class is officially dropped will be subject to disciplinary action for cutting class.

GROUPING PHILOSOPHY

Shelton High School is a learning community where students are expected to meet high academic and behavioral standards while developing to their full potential. SHS offers courses of instruction to meet the needs of all students and encourages students to strive for academic excellence. It is possible for a student to be in one group in a given discipline and a different group in another course. Grouped subjects are indicated on the report card, recorded on transcripts and become a part of the student’s permanent record. While students and families may decide on grouping, it is highly encouraged that they consult with current teachers for a grouping recommendation. It is not permitted to promote oneself up two levels (e.g., from Academic to Honors or College Preparatory to Advanced Placement) or from

one level to another without earning an A- or better. Summer reading is required at all levels. Groupings are established with the following guidelines listed below.

HONORS

Honors courses are closely aligned with the academic demands of most four-year colleges and require exceptional proficiency in all areas. Honors courses demand in-depth study and significant time out of class for completion of independent reading and research and preparation of comprehensive papers, reports and other assignments. Some courses may require summer homework.

- The student is highly self-motivated and capable of extensive independent study.
- The student is willing to extend beyond specific assignments.
- The student shows continual willingness to be challenged intellectually through the use of critical thinking and complex problem solving.
- Standardized test scores may be used to support placement as well.

COLLEGE PREPARATORY

College Preparatory courses reflect the academic demands of many four-year colleges and require proficiency in the skills related to the field of study. Projects, reading and assignments require a significant amount of time out of class to complete. Review and reinforcement of needed skills are ongoing.

- The student demonstrates motivation and effort.
- The student demonstrates responsibility and promptly completes independent reading and research.
- The student shows a willingness and ability to use critical thinking and complex problem solving.
- Standardized test scores may be used to support placement as well.

ACADEMIC

Academic courses offer students a solid foundation for a variety of post-secondary options, including college. Students who enroll in these courses are taught strategies to further develop academic proficiency in the subject area. Reinforcement of academic skills and motivation are emphasized. Projects and assignments require time out of class to complete.

- The student shows a need to improve subject area proficiency.
- The student demonstrates a need to develop stronger academic skills.
- The student demonstrates a need for reinforcement of problem solving and critical thinking skills.
- Standardized test scores may be used to support placement as well.

COURSE LEVEL CHANGE POLICY

Shelton High School will only accept and address requests for course level changes during defined times of the school year. These include mid-first quarter, five calendar days after the first quarter ends, mid-second quarter, and five calendar days after the second quarter ends. Students are to download the SHS Course Level Change Application, available on the SHS school website under Forms, and follow the application procedures. The submitted application will be reviewed by a committee composed of the student's Assistant Principal, the course's curriculum leader and the K-12 School Counselor Curriculum Leader. This committee reserves the right to deny applications. The student's final grade in the level he/she completes the course will determine the student's weighted GPA score.

ADVANCED PLACEMENT

Advanced Placement (AP) is a rigorous academic program that provides students with exposure to college level work during high school. Through these courses, AP certified teachers assist students to develop and apply the skills, abilities, and content knowledge they will need later in college. Each AP course is modeled on a comparable college course, and these courses must follow the rigorous syllabus put forth by the College Board. AP courses allow students the possibility of college credit, while standing out in the admission process and broadening intellectual horizons. Most AP courses require summer work.

AP courses culminate in a college-level assessment developed and scored by college, university, and secondary school faculty. Each AP exam contains a free response section as well as multiple-choice questions. Potential college credit is dependent upon AP exam performance and each college's policy. The current cost of an AP exam is \$100.

S - AP BIOLOGY	#4006445 & LAB #4006445L
S - AP CALCULUS AB	#3012445
S - AP CALCULUS BC	#3022445
S - AP CHEMISTRY	#4016345 & LAB #4016345L
S - AP COMPUTER SCIENCE PRINCIPLES	#3211445
H - AP ENGLISH LANGUAGE & COMPOSITION	#1003335
H - AP ENGLISH LITERATURE & COMPOSITION	#1005445
S - AP ENVIRONMENTAL SCIENCE	#4000345 & LAB #4000345L
H - AP EUROPEAN HISTORY	#2004445
H - AP HUMAN GEOGRAPHY	#2022015
S - AP PHYSICS 1 ALGEBRA-BASED	#4010355 & LAB #4010355L
S - AP PHYSICS 2 ALGEBRA-BASED	#4010365 & LAB #4010365L
S - AP PHYSICS C: ELECTRICITY & MAGNETISM	#4010385 & LAB #4010385L
S - AP PHYSICS C: MECHANICS	#4010375 & LAB #4010375L
S - AP PRECALCULUS	#3008345
H - AP PSYCHOLOGY	#2005445
H - AP RESEARCH	#5003335
H - AP SEMINAR	#5002225
S - AP STATISTICS	#3011345
H - AP STUDIO ART: DRAWING	#7020015
H - AP STUDIO ART: 2D DESIGN	#7001445
H - AP STUDIO ART: 3D DESIGN	#7020025
H - AP UNITED STATES GOVERNMENT & POLITICS	#2010345
H - AP UNITED STATES HISTORY	#2003335
H - AP WORLD HISTORY	#2001115



**Shelton High School
AP Courses
Student Expectation Form**



Student's Name: _____ **House office:** _____

Student's Email: _____ **ID#:** _____ **Grade:** _____

House _____ **Home Room** _____ **Counselor** _____

Courses Requested: _____

Current prerequisite courses (if applicable): _____

WHAT IS THIS FORM AND WHY DO YOU NEED TO COMPLETE IT?

The purpose of this document is to better prepare students and parents for AP courses. We want to provide our students and parents with information to aid them in determining what AP courses and how many AP courses a student should consider. We want to disclose the challenging nature of AP courses and ensure student and parent awareness of risks and commitments of this choice.

Additional information on AP programs is available at <https://ap.collegeboard.org/?navId=www-ap>

STUDENT AND PARENT SIGNATURES AT THE BOTTOM INDICATE UNDERSTANDING OF THE FOLLOWING:

- AP courses are higher-level (college-level) courses in which students will immerse themselves in intensive reading, writing and problem-solving assignments culminating in an end of year exam that may allow the student to gain college credit.
- AP courses are more rigorous than honors classes and will require more time and effort (in depth analysis and synthesis of material).
- Work may include but is not limited to independent reading, writing, research and projects.
- Consider the following guidelines prior to enrolling in AP Courses:
 - Student works well independently and effectively communicates in small groups
 - Student exhibits strong work habits, time management and study skills.
 - Student must possess strong academic skills and passion for the subject
 - Student will take the AP test at the end of the year with the expectation the exam will be taken seriously

Student's Initials _____ **Parent Initials** _____ **I understand that....**

- _____ I agree to commit the necessary amount of time to prepare for the class
- _____ I agree to proactively communicate with & seek help from teachers
- _____ I agree to monitor my progress in Infinite Campus on a weekly basis
- _____ I agree to practice a higher level of academic integrity
- _____ I agree to work effectively and respectfully with peers.

I, the parent/guardian of _____, have read and reviewed the contents of the Advanced Placement Courses Expectations with my child. We understand that all courses require a year-long commitment and we believe that he/she is prepared for the AP courses that have been selected.

Parent/Guardian Signature _____ **Date** _____

Student Signature _____ **Date** _____

COLLEGE PARTNERSHIPS

College partnership and dual-enrollment courses are an excellent way for Shelton High School students to challenge themselves while also earning college credit. For all dual-enrollment courses, Shelton High School must adhere to its articulation agreement with each institution of higher education for course requirements, and that agreement supersedes Shelton High School grading policies and procedures. The successful completion of any dual-enrollment course results in an official transcript from that institution with the grade earned. Students may attempt to transfer any and all dual-enrollment credits to the institution at which they enroll. Students are responsible for the application to and costs associated with each program. Students and families should also note any college/university deadlines associated with billing and course withdrawal. Students should remain informed by checking email and logging into their account on the college's portal.

FULL SAIL UNIVERSITY PARTNERSHIP

Full Sail University is a proud supporter of creativity throughout its 40-year history and is dedicated to the development of future generations of entertainment and media professionals. A variety of courses in a media professions pathway at Shelton High School are eligible classes under a partnership with Full Sail University (labeled "Full Sail Partnership"). Students in designated classes will be exposed to professionals in various fields and hands-on learning with the university. This engagement allows graduates who complete two or more approved courses within the Full Sail Partnership for a \$15,000 Gateway scholarship at Full Sail University. Please contact Ms. Frederick for more information (cfrederick@sheltonpublicschools.org).



FULL SAIL UNIVERSITY®

S - *DIGITAL ART USING PHOTOSHOP	#5554250
S - GAEL NEWS	#5558760
S - GRAPHIC ARTS	#5556140
S - *SCSU DIGITAL COMMUNICATION COM 212	#6021015
S - *3D ANIMATION I	#5554320
S - *3D ANIMATION II	#5553250
S - *VIDEO & PHOTOGRAPHY	#5554140
S - *VIDEO GAME DESIGN I	#5556320
S - *VIDEO GAME DESIGN II	#5556330
S - *VIDEO GAME DESIGN III	#5556340
S - *VIDEO PRODUCTION I	#5524010
S - *VIDEO PRODUCTION II	#5524020

HOUSATONIC COMMUNITY COLLEGE CAREER PATHWAYS

Housatonic Community College (HCC) participates in the College Career Pathways program. Currently, these courses are free of charge, but students may be responsible for purchasing their own textbooks. SHS/HCC dual-enrollment courses are weighted at the honors level.

CT STATE
COMMUNITY COLLEGE

HOUSATONIC

S - *HCC ENTREPRENEURSHIP *BES-E218

#6021031

H - *HCC PRINCIPLES OF MARKETING BMKT 2010

#6021051

SOUTHERN CONNECTICUT STATE UNIVERSITY EARLY COLLEGE PROGRAM

Southern Connecticut State University "Early College" provides high school students with the opportunity to explore college level coursework within their own high school. SCSU courses taught at partner high schools are identical to the courses taught at the SCSU campus. High school teachers delivering SCSU courses at their high school do so as SCSU adjunct faculty and must meet the qualifications and requirements set for SCSU adjunct faculty members. Eligible students may earn college credit for up to three SCSU courses delivered at their high school (at three credits each), which are transferable to other colleges and universities. The current cost is \$65 per course, plus possible additional costs for textbooks and materials. SHS/SCSU dual-enrollment courses are weighted at the advanced placement level.



S - SCSU COLLEGE ALGEBRA MAT 120

#3024015

S - *SCSU CRITICAL THINKING IN FINANCE FIN 200

#6024015

S - *SCSU DIGITAL COMMUNICATION COM 212

#6021015

S - SCSU ELEMENTARY STATISTICS MAT 107

#3024025

H&S - *SCSU INTRODUCTION TO EXERCISE AND SPORT SCIENCE HMS 160

#8024015

H - *SCSU INTRODUCTION TO SPORT MANAGEMENT SMT 271-01

#6021025

S - *SCSU PRINCIPLES OF FINANCIAL ACCOUNTING ACC 200

#6021045

UNIVERSITY OF CONNECTICUT EARLY COLLEGE EXPERIENCE

UConn Early College Experience (ECE) provides academically motivated students the opportunity to take university courses while still 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. Students who participate in ECE are considered University of Connecticut non-degree students. It is not necessary to attend the University of Connecticut as an undergraduate to benefit from UConn Early College Experience. Every ECE course is equivalent to the same course at the University of Connecticut. Currently, students are charged \$50 per credit. Most courses are worth 3 credits. Students will be responsible for purchasing their own textbooks. For additional information visit: www.ece.UConn.edu. SHS/UConn ECE dual-enrollment courses are weighted at the advanced placement level.

SHS ECE instructors are certified through UConn academic departments. To support their learning, University of Connecticut library resources are available to all UConn ECE students.

UCONN

UNIVERSITY OF CONNECTICUT

H - *UConn ECONOMICS 1000 - ESSENTIALS OF ECONOMICS	#2067345
S - *UConn ECONOMICS 1201 - PRINCIPLES OF MICROECONOMICS	#2069345
S - *UConn ECONOMICS 1202 - PRINCIPLES OF MACROECONOMICS	#2007345
H - *UConn ENGLISH 1007 - SEMINAR IN WRITING AND MULTIMODAL COMPOSITION (4 CREDITS)	#1022015
WL - UConn FRENCH 3250 - GLOBAL CULTURE I	#1522015
WL - UConn FRENCH 3268 - GRAMMAR AND COMPOSITION	#1524015
H - UConn FUNDAMENTALS OF MUSIC 1011 WITH MUSIC THEORY I	#7504255
H - *UConn MUSIC APPRECIATION 1001	#7552345
S - UConn PHYSICS 1201Q/1202Q (8 CREDITS)	#4021345
H - *UConn POPULAR MUSIC AND DIVERSITY IN AMERICAN SOCIETY	#7552355
WL - UConn SPANISH 3178 - INTERMEDIATE SPANISH COMPOSITION	#1528345
WL - UConn SPANISH 3179 - SPANISH CONVERSATION: CULTURAL TOPICS	#1529345



H- HUMANITIES **S**- STEM **WL**- WORLD LANGUAGES **P/W**- PHYSICAL WELLNESS **H&S**- HEALTH & SAFETY

Shelton High School Dual-Credit Student Expectations Form

Student's Name: _____ House office: _____
Student's Email: _____ ID#: _____ Grade: _____
Course(s) Requested: _____
Current prerequisite courses (if applicable): _____

WHAT IS THIS FORM AND WHY DO YOU NEED TO COMPLETE IT?

The purpose of this document is to better prepare students and parents for the college Dual Enrollment courses that SHS offers through UCONN, SCSU, and/or HCC. Successful completion of these courses result in credit earned through the partner university and a transcript with that school. We want to provide our students and parents with information to aid them in determining what Dual Enrollment courses are and how many Dual Enrollment courses a student should consider. We want to disclose the challenging nature of Dual Enrollment courses and ensure student and parent awareness of the risks and commitments of this choice. Entering these courses with a proper understanding of these expectations will increase the likelihood of students successfully completing the course and earning college credit.

STUDENT AND PARENT SIGNATURES AT THE BOTTOM INDICATE UNDERSTANDING OF THE FOLLOWING:

- Dual Enrollment courses are college-level courses in which students will immerse themselves in intensive reading, writing, and problem-solving assignments culminating in an end-of-course exam/project.
- Dual Enrollment courses are more rigorous than honors classes and will require more time and effort, as well as in-depth analysis and synthesis of material.
- Work may include but is not limited to independent reading, writing, research, and projects
- Students whose grade is below a C- will not receive college credit. The grade will appear as an F on their college transcript.
- The grade reported in IC may not be the same as that reported to the University. The case against zero or rounding up will not be allowed when reporting to the University.
- Students who withdraw from the course may result in a withdrawal on a college transcript.
- Consider the following guidelines before enrolling in Dual Enrollment Courses:
 - o Student works well independently and effectively communicates in small groups.
 - o Student exhibits strong work habits, time management, and study skills.
 - o Student must possess strong academic skills and passion for the subject.

Student's Initials Parent Initials I understand/agree to ...

_____	_____	there are costs associated with UCONN and SCSU courses.
_____	_____	commit the necessary amount of time to prepare for the class.
_____	_____	proactively communicate with & seek help from teachers.
_____	_____	monitor my progress in Infinite Campus on a weekly basis.
_____	_____	practice a higher level of academic integrity.
_____	_____	work effectively and respectfully with peers.

I, the parent/guardian of _____, have read and reviewed the expectations of Dual Enrollment courses with my student. We understand that courses require a semester/year-long commitment, and they are prepared for the Dual Enrollment courses that have been selected.

Parent/Guardian Signature _____ Date _____
Student Signature _____ Date _____

Important Considerations Regarding AP & Dual Enrollment Courses

Selecting an AP or Dual Enrollment course is a big commitment that should be given careful consideration.

How much time do I have to devote to these courses?

- Do I have a job?
- Do I participate in a sport or activity?
- Do I do volunteer work?
- Do I have responsibilities at home?
- Do I have the time required to do well in each AP or Dual Enrollment course?

Questions to consider and discuss before you register

Before you meet individually with your counselor, be sure that you have seriously considered the following questions and discussed them with your parents. While no one expects to be overwhelmed by too many commitments, it does happen.

- Am I taking the course(s) for the right reasons?
- Do I have enough time in the day for all these commitments?
- How committed am I to doing well in this course even when it proves a challenge to me?
- How quickly/efficiently do I complete my homework?
- Have I considered the cumulative effect of taking multiple AP/Dual Enrollment courses?
- What will happen if the course load is difficult and I cannot change my schedule?
- Would I be willing to adjust my employment schedule?
- Would I be satisfied with a grade less than a "B"?

The Right Reasons

- Love the Subject
- Want to learn more about the subject
- Want to go in more depth in this area

Wrong Reasons

- Looks good on my transcript
- All my friends are taking it
- I am feeling pressured to take it

Signing up for an AP or Dual Enrollment course is a semester/year-long commitment. Once you are registered for the course, you are expected to complete it and take the AP/Dual Enrollment exam. Dropping an AP or Dual Enrollment course should be a rare circumstance.

RECOGNITION OPPORTUNITIES

REQUIRED NON-CLASSROOM CREDITS

CAPSTONE

#9900122

11th & 12th grades

The Capstone Project at Shelton High School is a culminating opportunity to demonstrate Shelton High School's Core Values, Beliefs, and Learning Expectations and apply the knowledge the student has gained in his/her years of schooling to a real world experience. This graduation requirement is a project that should encompass an area of particular interest to him/her. We encourage parents to guide students to choose wisely and ask him/her to think about something that he/she has always wanted to learn more about or become involved in or a career opportunity he/she may want to explore. The goals of the Capstone Project are to choose a topic that will deliver a fulfilling, challenging experience and to further prepare your child to become a responsible citizen who participates productively in a global society. All grade 11 students will be enrolled in the Capstone course and do not need to include it on their course selection sheet.

COMMUNITY SERVICE

#990009, #990010, #990011, #990012

All grades

Students are required to complete 10 hours of community service per year, a total of 40 hours prior to graduation. Students will receive .1 credit for 10 hours of service each year. Students may not earn more than .1 credit per year for service. Students selecting an organization/activity that is not on the pre-approved list must submit the community service approval form found online and secure permission prior to beginning service hours. ***All students will be enrolled in the community service course and do not need to include it on their course selection sheet.***

OPTIONAL CREDIT OPPORTUNITIES

INDEPENDENT STUDY

#0IST

All grades

Independent Study is designed for the student who is broadly and deeply curious about a particular subject and who can best fulfill his/her needs through an in-depth examination of a specific topic or subject which is not provided in the regular course offerings. It may involve research in the library, construction in a shop, investigation in a laboratory or a community project. It will be a self-directed learning activity completely divorced from any course requirement and will place emphasis on self-responsibility and self-regulation for learning. It is possible to earn up to one full credit in this manner. Students interested in this program must submit the application found online and secure permission prior to beginning their independent study.

INTERNSHIP *INTERNSHIP

#INT1000 #INT2000

12th grade

This course is for students who are interested in bolstering their academic and professional experience

in a career they are hoping to pursue. Students must find their own place to intern, a mentor, and provide their own means of transportation to the site. Time logs with description of completed fieldwork must be submitted. Half year credit = 75 hours and full year = 150 hours. Students interested in this program must submit the application found online and secure permission prior to beginning their internship. Students interested in a career in education may pursue an internship in the Shelton Public Schools system. An internship within the SPS system has similar requirements but a different application. All internship experiences must be unpaid, and are graded Pass/Fail.

ONLINE COURSE CREDIT POLICY

Shelton High School will only accept online learning requests from an approved accredited institution. Students interested in this program must submit the application found online and secure permission prior to beginning their coursework. A maximum of two credits per year, including summer school online credit, will be allowed for online learning. Online courses will be calculated into a student's GPA as untracked courses, with the exception of Advanced Placement online coursework. The student/parent/guardian is responsible for all financial expenses or fees for online learning. The high school administration reserves the right to deny applications for online coursework and acceptance of online credits.

***VIRTUAL HIGH SCHOOL**

FULL-YEAR #1685400

All grades

HALF- YEAR #1685200

Virtual High School is an accredited provider of for-credit online courses. VHS is a nonprofit, worldwide collaboration of schools, teachers and students in partnership with the National Education Association. VHS offers hundreds of courses in most academic disciplines. VHS online courses are either one semester or a full year in duration, and summer offerings are available as well. AP VHS courses are approved by College Board. Most VHS AP courses require summer work. VHS courses taken during the school year are free of charge to SHS students; students and families are financially responsible for summer courses. Students interested in this program must submit the application found online and secure permission prior to beginning their coursework. Interested students should see Mr. Allan, VHS site coordinator.

VOLUNTEER COURSE FOR CREDIT SCHOOL AND COMMUNITY

#2016140

All grades

Volunteering allows students to work actively in our community by helping others. Students may volunteer after school, weekends, and during the summer at community organizations, elderly housing facilities, schools or programs working with children, libraries, and other nonprofit agencies. Excluded from the list of work sites are those that students are involved in through clubs offered at Shelton High School such as Habitat for Humanity. Participation in these groups is encouraged as part of the regular program of extracurricular activities. Students who volunteer may not receive any monetary remuneration. Volunteer hours marked for Scout badges, court-ordered community service, etc. cannot be counted for School and Community. Students must turn in a contract signed by themselves and the supervisor responsible for monitoring their hours. This contract must be approved by the volunteer coordinator, Mr. Martire, in the Career Center, before volunteer work for credit can begin. Students must regularly hand in time sheets with hours - ified to the volunteer coordinator. One credit will be awarded when a student completes 150 hours of volunteering. Seniors must complete all hours for credit by May of their senior year. Interested students should see their counselor or Mr. Martire in the Career Center. **The 150 hours of volunteering is in addition to the 40 hours (10 hours per year) that a student must complete as part of their graduation requirements. A student will be required to show documentation of all hours completed.**

REGIONAL PROGRAMS

Parents and students are encouraged to explore other educational opportunities that are offered in the school district locally and regionally. These options include magnet, charter, lighthouse and vocational-technical schools; Open Choice and inter-district programs; and vocational agriculture centers. Contact the School Counseling Department for further information on these School Choice options.

BRIDGEPORT REGIONAL AQUACULTURE SCIENCE AND TECHNOLOGY EDUCATION CENTER

#4030140

All grades

Located in Bridgeport, this program provides students with the opportunity to investigate engine repair, marine electronics, boat design, vessel construction techniques, marine restoration, commercial fishing, and vessel operations. Instruction is offered in marine sciences such as marine pathology, marine chemistry, meteorology, and aquaculture finfish and shellfish production. The program of studies assists students to become environmentally informed citizens, and prepares them to work in marine related areas or to pursue higher education opportunities in marine studies. Regular academic classes are taken at Shelton High School in the morning and Aquaculture classes are taken in Bridgeport from 11:35 to 2:00 p.m. Interested students should contact their school counselor for an application and additional information.

BRIDGEPORT REGIONAL AQUACULTURE SCIENCE AND TECHNOLOGY EDUCATION CENTER —BACA

#4030150

12th grade

The goal of the BACA Program is to offer students the practical knowledge and skills necessary to pursue either employment in the marine environment or a smooth transition to the many post-secondary educational opportunities available. The BACA Program is designed primarily for 12th grade students who have expressed a desire for a concentrated, interdisciplinary approach to aquaculture education. Students will be responsible for the practical application of principles and concepts of biology, chemistry, physics, math, history, earth science, and astronomy as it relates to aquaculture. Students enrolled in the BACA program are awarded up to 5 credits. The integrated course of studies offers an in-depth study of aquaculture to include the origins of aquaculture, aquatic ecosystems, aquaculture engineering, and survey and analysis. The activities of the program are enhanced by the use of the research vessel M/V Catherine Moore.

REGIONAL CENTER FOR THE ARTS

#7060140

All grades

Located in Trumbull, RCA is a performing arts magnet high school. Students attend Shelton High School in the morning and attend RCA Monday through Thursday from 1:15 to 4:30 p.m. Courses in dance, theatre, musical theatre, film/video production, and some creative script writing are offered. Interested students should contact their school counselor for additional information and an application.



H- HUMANITIES S- STEM WL- WORLD LANGUAGES P/W- PHYSICAL WELLNESS H&S- HEALTH & SAFETY

SPECIAL DIPLOMA RECOGNITION

CONNECTICUT SEAL OF BILITERACY

Shelton High School will offer the Connecticut Seal of Biliteracy on the Shelton High School diploma to a student who has achieved a high level of proficiency in English and one or more foreign languages as specified by the Connecticut Seal of Biliteracy Guidelines adopted by the Connecticut State Board of Education. The student/parent/guardian is responsible for all financial expenses or fees for obtaining the Seal of Biliteracy. Students interested in this distinction must submit the application found online by March 1.

DIPLOMA WITH DISTINCTION

Shelton High School will award a Diploma with Distinction to a student who has met graduation requirements beyond what is expected for a traditional diploma. To be eligible, a student must:

- Complete all the requirements of the traditional diploma, including community service and the Capstone project
- Be in the top 20% of the class
- Earn a minimum of 27.4 credits
- Earn no final grade less than a C on their high school transcript
- Be an active member of two SHS clubs/organizations or be an active member of one SHS club/organization and participate in at least one SHS fall, winter or spring sport during high school
- Secure signatures by the student's school counselor and assistant principal indicating character traits
- Have no internal or external suspensions during their four years Students interested in this distinction must submit the application found online by May 1.

CAREER PATHWAYS

The state of Connecticut and the Shelton Public School District share recommendations for students to consider in a variety of career pathways. Please see the links below for further information.

CT STATE GUIDELINES

SHELTON CAREER PATHWAYS

STATE OF CT DEPT OF LABOR LINKS FOR STUDENTS



H- HUMANITIES S- STEM WL- WORLD LANGUAGES P/W- PHYSICAL WELLNESS H&S- HEALTH & SAFETY



SAMPLE COLLEGE PREPARATORY PATHS

Admission requirements for colleges vary greatly, and there is a difference between most high school minimum graduation requirements and college admission requirements. Students should be aware of those admission requirements at colleges of interest as early as possible, but taking the most challenging courses that they can successfully manage is a good plan to ensure readiness for an appropriate college. We advise that students and families take into consideration the SHS graduation requirements, a student's career interests if known, non-academic obligations, and overall workload expectations when requesting courses each year. The following is a sample of high school paths for college-bound students through our core curriculum.

FRESHMAN

English I
Modern World History or AP World
Env Science, Biology/Lab, AP Bio, AP Physics I
Algebra I or Geometry
Year 1 or 2 of World Language
Phys. Ed./Wellness & Health Education
Elective of choice (Arts, Tech, other)

JUNIOR

English III or AP English Language
U.S. II & Civics or AP US Government
Chem/Lab, Physics/Lab, other Lab Science
Algebra II or PreCalculus
Elective of choice (Year 3 or 4 of a WL)
Elective of choice

SOPHOMORE

English II
U.S. History I or AP U.S. History
Biology/Lab, Chemistry/Lab or AP
Geometry or Algebra II
Year 2 or 3 of World Language
Phys. Ed. & Health
Elective of choice (Arts, Tech, other)

SENIOR

Senior English Seminars or AP Eng Lit
Social Studies Elective(s), AP Soc Studies
Lab Sci (phys, anatomy, forensics, health)
College Alg, PreCalc, Calculus, or Statistics
Elective of choice (Year 4 or 5 of a WL)
Elective of choice (Arts, Tech, Business, Health, any other dept)

HUMANITIES

ADVANCED PLACEMENT CAPSTONE

AP Capstone is an innovative diploma program from the College Board that equips students with the independent research, collaborative teamwork, and communication skills that are increasingly valued by colleges. It cultivates curious, independent, and collaborative scholars and prepares them to make logical, evidence-based decisions.

AP Capstone is built on the foundation of two AP courses—AP Seminar and AP Research—and is designed to complement and enhance the discipline-specific study in other AP courses. Participating schools can use the AP Capstone program to provide unique research opportunities for current AP students, or to expand access to AP by encouraging students to master the argument-based writing skills that the AP Capstone program develops.

AP Capstone was developed in response to feedback from higher education. The two AP Capstone courses, with their associated performance tasks, assessments, and application of research methodology, require students to:

- Analyze topics through multiple lenses to construct meaning or gain understanding
- Plan and conduct a study or investigation
- Propose solutions to real-world problems
- Plan and produce communication in various forms
- Collaborate to solve a problem
- Integrate, synthesize, and make cross-curricular connections

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

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

H - ADVANCED PLACEMENT SEMINAR

#5002225

10th, 11th, & 12th grades

This foundational course engages students in cross-curricular conversations where they can explore academic and real-world topics by using an inquiry framework. Students practice reading and analyzing articles, research studies, foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances.

Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver presentations. Ultimately the course aims to equip students with the power to analyze and evaluate information with accuracy in order to craft and communicate evidence-based arguments.

**THE FOLLOWING ADVANCED PLACEMENT COURSE WILL BE OFFERED DURING
THE 2025-2026 SCHOOL YEAR:**

H - ADVANCED PLACEMENT RESEARCH

#5003335

11th & 12th grades

This course allows students to deeply explore the academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. The goal is for students to further skills acquired in AP Seminar by understanding research methods; employ ethical research practices; and analyze and synthesize information as they address a research question. Successful completion of AP Research fulfills the Capstone graduation requirement.

CULINARY ARTS & HOSPITALITY STUDIES

Students interested in the Culinary Arts and Hospitality career pathways are strongly encouraged to enroll in this coursework. It is the belief that success in the future is tied to learning in the present and that everyday living skills must accompany general education skills for students to live well-rounded and personally responsible lives. Culinary Arts and Hospitality Studies aims to develop those skills, attitudes, and values that must be achieved to attain a valuable and rewarding life. Students who are college-bound, seeking vocational skills, or who wish to develop skills for personal growth will find various courses to meet their needs and fulfill graduation requirements.

H - *BAKING AND PASTRY ARTS

#5055240

10th, 11th, & 12th grades

Prerequisites: Successful completion of *Foundations of Cooking and *Culinary Arts I

This course is designed to give the student a hands-on experience in quantity baking and pastry arts principles and production. Emphasis will be placed on the mastery of marketable skills for entry-level positions in the baking industry. The course covers an introduction to occupational baking skills, to include the selection, purchase, and preparation of a wide variety of baked goods and specialty desserts. The course also builds on sanitation and safety skills learned in *Foundations of Cooking and *Culinary Arts I. *Baking and Pastry Arts introduces the student to the 51 “front-of-the-bakeshop” operations, which includes practice in basic customer service, packaging techniques, and marketing of products. Two lab sessions weekly will reinforce the styles and techniques learned in class.

H - *CULINARY ARTS I

#5006250

10th, 11th, & 12th grades

Prerequisite: Successful completion of *Foundations of Cooking

This course is designed to give the student a hands-on experience in quantity food production. Emphasis will be placed on the mastery of marketable skills for entry-level positions in the food service industry. The course covers an introduction to occupational food service skills, including the selection, purchase, and preparation of a wide variety of foods. The course also builds on nutrition, sanitation, and safety skills learned in *Foundations of Cooking and *Intermediate Cooking. *Culinary Arts I introduces the student to the “front-of-the-house” operations, which include practice in basic dining service, formal table settings, centerpieces, and napkin folding techniques.

H - *CULINARY ARTS II

#5006260

10th, 11th, & 12th grades

Prerequisites: *Successful completion of *Foundations of Cooking and *Culinary Arts I*

This course is intended for students who wish to further explore the field of food service and culinary arts as a career and who wish to continue their formal education in this area. Students will develop basic employment skills, including, but not limited to, learning about specific techniques used in operating a food-related business. Special emphasis will be placed on learning about food costs and menu development. Students will be given the opportunity to explore careers related to the food service industry.

H - *FOUNDATIONS OF COOKING

#5050140

9th, 10th, & 11th grades

This course is open to students who wish to develop kitchen skills and acquire knowledge of the basics of cooking and baking. This entry-level course is a prerequisite to taking other Foods and Nutrition courses, as well as *Culinary Arts I and II. Topics include nutrition, kitchen safety, safe food handling, equipment identification and use, cooking terminology, and interpreting recipes. Cooking labs will occur 1-2 times per week to reinforce classroom learning.

H - HOSPITALITY AND TOURISM MANAGEMENT

#5010440

11th and 12th grades

Introduces high school students to the world of hospitality, and the main segments of the industry: lodging, food, and beverage operations, tourism, attractions, travel, and event management. The course is designed for students who are interested in the field of study and career pathway.

H - *INTERMEDIATE COOKING

#5052140

All grades

This half-year course is designed for students to build on skills introduced in *Foundations of Cooking. Students will explore nutrition and healthy lifestyles to maintain and enhance health and wellness across the lifespan. Recipe preparations will introduce more complicated techniques and preparations, including working with yeast, preparing full meals, and financial management of the family food budget. Cooking labs will occur 1-2 times per week to reinforce classroom learning.

H - *REGIONAL AND ETHNIC CUISINE

#5055340

10th, 11th, & 12th grades

Prerequisites: *Successful completion of *Foundations of Cooking and *Intermediate Cooking*

This half-year course studies the roots of American regional cooking and their worldwide ethnic origins. This course will also explore the diverse culinary traditions of cultures around the globe. Similarities and differences of each regional culinary tradition will be explored. A study of cultures associated with each area will be included. Cooking labs will occur 1-2 times per week to reinforce classroom learning.

ENGLISH

Students must successfully complete English I, II, and III in succession. Students must complete an additional English credit senior year (AP English Literature OR two senior English seminars). Pre-approved accelerated English courses taken during the summer may be acceptable for those students who do not successfully complete English I, II, or III during the school year. Students are advised to consult with their school counselor prior to enrolling in such a course to ensure acceptance. Students may enroll in multiple English elective courses in a given year.

H - *ACTING I

#1052240

10th, 11th, & 12th grades

This course in acting will include an in-depth study of and practice in the art of stage performance. Students will be introduced to acting fundamentals, including stage movement and voice projection. The course will begin with theatre games and improvisations and lead to the presentation of scripted monologues and scenes. *Satisfies requirement in The Arts*

H - *ACTING II

#1054240

11th & 12th grades

Prerequisite: Successful completion of *Acting I

This course is an expansion of Acting I. Students will be faced with advanced situations for improvisation and also with advanced scripted scene work. By the end of the course, students will be expected to demonstrate a working knowledge of acting techniques and theories. *Satisfies requirement in The Arts*

H - ADVANCED PLACEMENT ENGLISH LANGUAGE & COMPOSITION

#1003335

11th grade

This course prepares students for the AP English Language and Composition exam. Students will write in a variety of forms – narrative, exploratory, expository, and argumentative. The purpose of this course is to enable students to read complex texts with understanding and to write high-level prose that allows for effective communication with mature readers. Students in this class will also concentrate on an in-depth study of nonfiction and the art of rhetoric. This course is equivalent to a college composition course. Summer reading is required.

H - ADVANCED PLACEMENT ENGLISH LITERATURE & COMPOSITION

#1005445

12th grade

This course prepares students for the AP English Literature and Composition exam. Students enrolled in this course will undertake an intensive study of representative works of recognized literary merit from world literature. Students will concentrate on the elements of structure, style, theme, figurative language, imagery, symbolism, and tone. Attention to textual detail and historical context will provide a foundation for interpretation. Summer reading is required.

H - BEGINNER ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (ESOL)

#1020012

All grades

This course is designed to assist those students who are identified as English learners and are in the beginning stages of acquiring the English language. It is designed to aid students in developing their skills in listening, speaking, reading, and writing to function better in the mainstream of school academics and to assist in their acquisition of conversational English. The program includes special guidance to fit each student's unique situation.

H - *CLASSICAL MYTHOLOGY

#1050240

All grades

This course focuses primarily on the Greek myths and their Roman counterparts and will give students a thorough background in the religion, society, and politics of ancient Greece. Students will also be introduced to and do research on the mythologies of other countries.

H - *CREATIVE WRITING I

#1060340

All grades

The objective of this course is to guide students in writing creatively. Students will be encouraged to develop abilities and master the basics of creative writing through a variety of topics and tasks while progressing individually.

H - *CREATIVE WRITING II

#1061340

10th, 11th, & 12th grades

*Prerequisite: Successful completion of *Creative Writing I*

This course will provide students with a forum to further explore writing styles and genres through class readings and writing opportunities. Students will examine a variety of motifs while being encouraged to develop their individual writing styles. Each student will produce a portfolio for assessment.

H - *THE DETECTIVE STORY

#1062340

All grades

Students will trace the detective story from the beginning with Poe's "The Murder in the Rue Morgue" up through today's detective story writers, including James Patterson.

H - ENGLISH I

#100111 H, C, A

9th grade

The main objective of ninth-grade English is to introduce students to literature as an art form and to develop the ability to think abstractly and to evaluate critically. Literature-based and analytical writing and grammar instruction accompany each unit. Units will be covered through the use of an anthology and various novels, short stories, plays, poetry, and articles.

H - ENGLISH II

#100222 H, C, A

10th grade

Prerequisite: Successful completion of English I

The tenth grade English curriculum is designed to expand upon students' skills in reading and writing. Units will reinforce expository writing, thematic analysis, figurative language, and interdisciplinary connections. These lessons will be taught through the use of an anthology, novels, short stories, plays, poetry, and articles. Students are guided and encouraged to use language effectively both in speaking and in writing. Study of grammar and vocabulary will accompany each unit.

H - ENGLISH III

#100333 H, C, A

11th grade

Prerequisite: Successful completion of English II

The focus of the eleventh-grade curriculum is American literature. Units will focus on author's craft, alienation, the individual versus the state, and the American dream. Novels, drama, poetry, short stories, essays, and articles will be studied. Reinforcement of grammar and SAT preparation may accompany each unit. Literary analyses and persuasive pieces are requirements.

H - *ESOL STRATEGIES

#1020010

All grades

This course is designed to assist those students who are identified as English learners in developing

the academic skills necessary to have success in their content courses. This course will provide students with vocabulary instruction and practice using strategies to help them understand the language being used in their classrooms.

H - *FICTION AND FILM

#1060330

10th, 11th, & 12th grades

Students will compare and contrast the elements and techniques of both literary and cinematic form, as well as study the challenges of adapting a work of fiction for film. The course focuses on written as well as visual literacy, and students will develop critical criteria to judge the ultimate success of an artistic creation and its effect on the reader or viewer. Assignments include reading novels and short stories, writing in a variety of genres, and evaluating films inspired by those readings. Independent reading is a component of this class.

H - INTERMEDIATE ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (ESOL)

#1020013

All grades

This course is designed to assist those students who are identified as English learners and are in the intermediate stages of acquiring the English language. It is designed to aid students in developing proficiency in listening, speaking, reading, and writing to function better in the mainstream of school academics by building their academic vocabulary and literacy skills. The program includes special guidance to fit each student's unique situation.

H - *INTRODUCTION TO THEATRE

#1056240

10th, 11th, & 12th grades

Designed for students who have a strong interest in theatre, this course will explore the various aspects of theatre, including an historical perspective and the technical aspects of production. Students will read plays, design sets, and study costuming, lighting, special effects, and performance. *Satisfies requirement in The Arts*

H - JOURNALISM I

#1020340

10th, 11th, & 12th grades

This full-year journalism course is open to grade 10, 11, and 12 students who have an interest in any aspect of journalism including reporting, writing, layout, production, and photography. Students will get first-hand experience in all aspects of publishing and will gain valuable skills in graphics and communication that can transfer to other fields. Some additional work on the news publication and field trips outside of the classroom are part of this class.

H - JOURNALISM II

#1022440

11th & 12th grades

Prerequisite: Successful completion of Journalism I

This full-year course is designed only for students who have completed Journalism I. Journalism II students are the editors of the school news publication and may be eligible for induction into the Quill and Scroll National Honor Society.

H - JOURNALISM III

#1020540

12th grade

Prerequisite: Successful completion of Journalism II

This course is a career-oriented course for students who are experienced in journalism skills and ready to take on a leadership position. This course may include advanced students working in various media outlets.

H - *PLAYWRITING

#1058240

All grades

This half-year course is designed for students who have a strong interest in drama as a literary form and wish to do an in-depth study of drama. This is primarily a writing course. Students will write monologues, dialogues, scenes and one-act plays. They also will read and analyze the works of major traditional and modern playwrights. *Satisfies requirement in The Arts*

H - PRE-INTERMEDIATE ESOL

#1022010

All grades

This course is designed to assist those students who are identified as English learners and are in the pre-intermediate stages of acquiring the English language. It is designed to aid students in developing proficiency in listening, speaking, reading, and writing to function better in the mainstream of school academics by building their receptive and productive language skills. The program includes special guidance to fit each student's unique situation.

H - *READING STRATEGIES

#1066110

9th, 10th, & 11th grades

This course is designed for students who evidence the need for additional foundational reading instruction. Such need may be determined by a variety of literacy assessments and/or teacher recommendation. Class size will be limited.

H - *SAT PREPARATION (VERBAL)

#1070230

10th, 11th, & 12th grades

The main purpose of this course is to provide students with skills that will be beneficial to them in taking the SAT exam. There will be a strong emphasis on test-taking strategies. Extensive work in areas of critical reading, vocabulary, grammar, and writing will aid students in the high school and college classroom as well.

H - *SPEECH & COMMUNICATION

#1072240

10th, 11th, & 12th grades

This course is designed primarily to give the student instruction in the fundamentals of speech making so that the student may develop confidence and competency in communicating ideas to an audience. The course covers a variety of speeches, short presentations, group discussions, and debate. Students will be required to read textbook materials, research information, and make presentations.

H - *UConn ENGLISH 1007 - SEMINAR IN WRITING AND MULTIMODAL COMPOSITION

(4 UConn CREDITS)

#1022015

11th & 12th grades

Prerequisite: UConn Application

This college course will focus on writing through interdisciplinary reading. It also will explore collaborative problem-solving composition with a range of technologies and an emphasis on the wider rhetorical impact a work can have. Assignments center around interpretation, argumentation, inquiry, and reflection. Revision of formal assignments and instruction on grammar, mechanics, and style also will be included. Conferences with instructor are required. This course may be taken as one of the two required half-year senior English seminars for the classes of 2025 and 2026.

H - *WORLD MYTHOLOGY

#1050440

All grades

This elective will explore mythologies of the Middle East, India, and Scandinavia. The course will focus

on hero and journey motifs and will compare the concepts to Western civilizations.

H - YEARBOOK JOURNALISM I

#1024340

10th, 11th, & 12th grades

Students will learn concepts of yearbook journalism such as financial planning, advertising, theme development, layout and design, copywriting and photography. Students will apply their knowledge to the production of the school yearbook, Argus. Additional after-school work also will be expected. Students who elect this course must have a well-developed sense of responsibility, be able to work under pressure, and meet deadlines. Students enrolled in this course are required to sell advertisements by the deadline set by the instructor.

H - YEARBOOK JOURNALISM II

#1024350

12th grade

Prerequisite: Successful completion of Yearbook Journalism I

This full-year course is designed for students who have successfully completed Yearbook Journalism I and are interested in staff leadership positions. This course is designed to expand on the design and graphic image skills developed in Yearbook Journalism I and provide an opportunity to apply these skills in a leadership role. Students enrolled in Yearbook Journalism II will be editors of the yearbook staff and be eligible for induction into the Quill and Scroll National Honor Society. Students enrolled in this course are required to sell advertisements by the deadline set by the instructor.

In order to fulfill the graduation requirement in English, students must either complete AP English Literature or two of the following English Senior Seminar courses.

English Senior Seminar is designed for students to take one course each semester. Students should select a first choice and an alternate for each semester. Students may choose to take UCONN English in either semester but may not take it twice.

THE FOLLOWING ENGLISH SENIOR SEMINARS WILL BE OFFERED DURING THE FALL OF THE 2024-2025 SCHOOL YEAR:

H -*DRAMA THROUGH THE AGES: TRUTH FROM TRAGEDY

#102002 H, C, A

12th grade

This enlightening literary course surveys the transforming power of the stage through history. Students will experience drama's power to encapsulate the human condition from the ancient Greeks through modern day. An intense study of the development of the stage and drama as an art form will accompany such noteworthy plays as: Sophocles' *Oedipus the King* and *Antigone*, William Shakespeare's *Hamlet*, and Peter Shaffer's *Equus*. In addition to the literary component, students will continue to master the art of analytical writing.

H -*THE EPIC: THE JOURNEY WITHIN

#102003 H, C, A

12th grade

This advanced literary course explores the epic genre, specifically noting its masterful use of metaphor. Students will venture on wild journeys of love, battle, and discovery while examining how the physical journeys of the characters mirror humanity's personal journey within itself. Possible works include: Homer's *The Odyssey*, Dante's *The Divine Comedy*, *Beowulf*, Stephen King's *The Body*, and Barbara Kingsolver's *The Bean Trees*. In addition to the literary component, students will continue to master the art of analytical writing.

H - *MEMOIRS AND BIOGRAPHIES: PAINTING PORTRAITS

#102088 H, C, A

12th grade

This reflective literary course assesses the strength of ordinary people who have achieved extraordinary things. Students will study in-depth the art forms of biography, autobiography, and memoir. Literary selections will include Frank McCourt's *Angela's Ashes*, Mitch Albom's *Tuesdays with Morrie*, John Howard Griffin's *Black Like Me*, and Maya Angelou's *I Know Why the Caged Bird Sings*. In addition to the literary component, students will continue to master the art of analytical writing.

H - *THE TWENTIETH CENTURY EXPERIENCE: RISING FROM THE ASHES

#102221 H, C, A

12th grade

This engaging literary course probes humanity's unstoppable spirit. Students will witness, through various literary works, the means through which individuals have recovered from the wars—whether military, personal or social—in the twentieth century. Possible works include: Stephen King's *Rita Hayworth* and *Shawshank Redemption*, Walter Dean Meyers' *Fallen Angels*, Ernest Hemingway's *The Sun Also Rises*, August Wilson's *Fences*, and Eugene O'Neill's *Long Day's Journey into Night*. In addition to the literary component, students will continue to master the art of analytical writing.

H - *UCONN ENGLISH 1007 - SEMINAR IN WRITING AND MULTIMODAL COMPOSITION

(4 UCONN CREDITS)

#1022015

Prerequisite: UConn Application

11th & 12th grades

This college course will focus on writing through interdisciplinary reading. It also will explore collaborative problem-solving composition with a range of technologies and an emphasis on the wider rhetorical impact a work can have. Assignments center around interpretation, argumentation, inquiry, and reflection. Revision of formal assignments and instruction on grammar, mechanics, and style also will be included. Conferences with instructor are required. This course may be taken as one of the two required half-year senior English seminars for the classes of 2025 and 2026.

**THE FOLLOWING ENGLISH SENIOR SEMINARS WILL BE OFFERED DURING THE
SPRING OF THE 2024-2025 SCHOOL YEAR:**

H - *THE DYSTOPIAN VISION: MASKS AND MIRRORS

#102333 H, C, A

12th grade

This relevant literary course examines dystopian works that alert us of the possible dangers of totalitarian government, unbridled technology, and mandated conformity. Students will note how several effective literary styles serve as warning literature for the population of today. Possible works include: George Orwell's *1984*, Aldous Huxley's *Brave New World/Brave New World Revisited*, and Ray Bradbury's *Fahrenheit 451*. In addition to the literary component, students will continue to master the art of analytical writing.

H - *FEMININE VOICES: "A WOMAN SPEAKS"

#102444 H, C, A

12th grade

This compelling literary course recognizes the creative merits of feminine authors throughout history, from ancient Greece through present day. Students will study the artistry of accomplished female writers such as Sappho, Toni Morrison, Amy Tan, Willa Cather, Audre Lourde, and Sylvia Plath while also learning the struggles and triumphs of women in particular periods in history. In addition to the literary component, students will continue to master the art of analytical writing.

H - *HISTORICAL FICTION

#102555 H, C, A

12th grade

This engaging literary course recognizes the importance of history throughout the ages. Students will study the social, cultural, and historical contexts of fiction. In addition, students will discuss the impact on situation and audience. Furthermore, students will continue to master the art of analytical writing and formal presentation of ideas and concepts. Possible works include but are not limited to Khaled Hosseini's *The Kite Runner*, Anthony Doerr's *All the Light We Cannot See*, Julia Alvarez's *In the Time of the Butterflies*, and Colson Whitehead's *The Underground Railroad*.

H - *HORROR THROUGH THE CENTURIES

#102666 H, C, A

12th grade

This engaging literary course explores the timeless and ever-evolving genre of horror fiction. The human condition is one plagued with unknowns and uncertainties; horror fiction, like mythology, attempts to provide a provocative and jarring explanation to "what goes bump in the night." Through a tour du horror that includes select works by Edgar Allen Poe, H.P. Lovecraft, Shirley Jackson, and Stephen King, students will confront how these twisted tales are rooted in social conflicts, human inhumanity, and a primal fear of the unknown. In addition to the literary component, students will continue to master the art of analytical writing in conjunction with the literary works studied.

H - *IMAGINARY WORLDS: SCI-FI, FANTASY, AND THE SUPERNATURAL

#106035 H, C, A

12th grade

This course focuses on literature in the science-fiction, fantasy, and supernatural genres. Students will analyze universal themes in unconventional settings. Units include Good vs. Evil, Science Fiction as Social Commentary, Technology vs. Humanity, and Mythical Creatures. Students will read works from authors such as Neil Gaiman, Ray Bradbury, and Stephen King in short story and novel forms. In addition to the literature component, students will continue to master the art of analytical writing.

FINE ARTS

Visual Art fosters the 21st century skills necessary for success. In addition to stressing critical thinking, creativity and resourcefulness, students will acquire an appreciation of other cultures along with presentation and communications skills. These skills and attributes are necessary for college and career readiness.

The Visual Art Program at Shelton High School offers a broad selection of classes for a variety of students.

Whether a student is a dedicated Visual Art student wishing to pursue a career in Art, a student who wishes to support their future path with skills acquired in the Art Room, or a student who wishes to take Visual Art classes to enhance self-expression or to increase their art-making skills, the SHS Visual Art Department offers classes to meet these needs.

Students wishing to pursue a career in Visual Art fields are encouraged to start their program in Art as early as possible to prepare for portfolio development. This portfolio is required to apply for many college programs. Students may also use the portfolio pieces for scholarship applications and juried art shows in the community.

H - ADVANCED PLACEMENT STUDIO ART: DRAWING

#7020015

10th, 11th, & 12th grades

Prerequisite: *Successful completion of *Drawing or *Painting or 2-D Design, or teacher permission*

The AP Studio Art Program consists of a variety of artwork and reflections necessary to showcase a student's skill and art knowledge. Depth and range will be shown through two sections of the portfolio: Concentration and Quality. This portfolio can be used for the college application process with various Visual Art concentrations as well as for the AP submission.

H - ADVANCED PLACEMENT STUDIO ART: 2D DESIGN

#7001445

10th, 11th, & 12th grades

Prerequisite: *Successful completion of *Drawing or *Painting or 2-D Design, or teacher permission*

The AP Studio Art Program consists of a variety of artwork and reflections necessary to showcase a student's skill and art knowledge. Depth and range will be shown through two sections of the portfolio: Concentration and Quality. This portfolio can be used for the college application process

H - ADVANCED PLACEMENT STUDIO ART: 3D DESIGN

#7020025

Prerequisite: *Successful completion of *Ceramic Handbuilding or *3-D Sculpture*

10th, 11th, & 12th grades

The AP Studio Art Program consists of a variety of artwork and reflections necessary to showcase a student's skill and art knowledge. Depth and range will be shown through two sections of the portfolio: Concentration and Quality. This portfolio can be used for the college application process with various Visual Art concentrations as well as for the AP submission.

H - *ART FOUNDATIONS

#7001140

All grades

This half-year course focuses on developing the student's artistic skills as a means for creative self-expression and art appreciation. Students will explore a variety of media such as charcoal, tempera, and colored pencils. Projects will be based on the elements of art and principles of design. *This class is a prerequisite for *2-D Design, *Drawing, and *Painting.*

H - *ART THROUGH THE AGES

#7086520

10th, 11th, & 12th grades

Delve into the artwork created by people throughout history with meaningful discussion and art-making opportunities. Students will create works of art inspired by the period of art history studied. This course will cover a wide variety of art history topics from ancient art through modern art movements. Students will create artwork using drawing, painting, and three-dimensional sculpture. *This class is a prerequisite for *2-D Design, *Drawing, and *Painting.*

H - *BIOLOGICAL DRAWING

#7069340

All grades

This half-year course will introduce students to the process and procedures involved in creating biological drawings that are realistic and accurate. Students will utilize techniques in both traditional and technology based art-making in order to create compositions based on microscopic images, diagrams and depictions of living subjects.

H - *CERAMIC HANDBUILDING

#7064340

10th, 11th, & 12th grades

This course enables students to make hand-built clay forms that are useful and creative. Basic and

advanced techniques such as pinch, coil, slab, and 3-D construction are taught. Emphasis is placed on artistic design of forms, originality, decorative techniques, craftsmanship, cultural and historic relevance, and self-reflection

H - *DIGITAL DRAWING & PAINTING

#7020040

All grades

In this class, we will use traditional drawing and painting techniques translated to the digital canvas. All students will create original art and learn techniques to transfer their work to the digital canvas to work more efficiently like a professional artist. This class will include experimental VR painting and drawing experiences.

H - *DRAWING

#7050240

10th, 11th, & 12th grades

*Prerequisite: Successful completion of *Art Foundations, *Art Through the Ages, accepted portfolio submission, or teacher permission*

This course is designed for students who are interested in exploring a wide range of drawing techniques and materials. References include: figures, perspective, still life, fantasy illustration, and portraits.

H - *FASHION DESIGN

#7074340

10th, 11th, & 12th grades

Students will acquire the basic skills of fashion illustration and presentation, textile surface design and ornamentation, and develop promotional skills to communicate information about products or ideas. A variety of art techniques as well as computer design programs will be explored.

H - *FINE ART PHOTOGRAPHY I

#7060260

All grades

This half-year course in photography will focus on the use of camera options and photo editing. Students' photos will be based upon the elements of art and principles of design to create interesting and unique compositions. The students will be involved in the photographic process from conceptualization to the final print. It is required that students have a digital camera or phone that they can use during class and outside of the classroom to take pictures.

H- *FINE ART PHOTOGRAPHY II

#7060270

10th, 11th, & 12th grades

*Prerequisite: *Fine Art Photography I*

This half-year course in photography will continue to focus on the use of camera options and photo editing. Students will build upon their prior knowledge of the elements of art and principles of design to further grow their composition capabilities using this digital format for art making. The students will be involved in the photographic process from conceptualization to the final print. It is required that students have a digital camera or phone that they can use during class and outside of the classroom to take pictures.

H - *ILLUSTRATION

#7076420

All grades

In this class, students will explore the fundamentals of illustration. Students will build their own artwork based on characters and themes from original ideas, comic books, graphic novels, Manga and other media. Students will utilize basic drawing tools and technology-based art tools to fully develop their skills and techniques.

H - *PAINTING

#7052240

10th, 11th, & 12th grades

Prerequisite: Successful completion of *Art Foundations, *Art Through the Ages, accepted portfolio submission, or teacher permission

This half-year course is an introduction to the fundamental techniques of painting. Students will explore composition, color mixing, color combinations, depth perspective, painting methods, and styles. Subject content will include interpretive and representational forms and themes.

H - *2-D DESIGN

#7068240

All grades

Prerequisite: Successful completion of *Art Foundations, *Art Through the Ages, accepted portfolio submission, or teacher permission

This half-year course will explore various art media and processes to more deeply understand 2-D Design. Students will create projects in various media. Emphasis will be on original imagery and self-expression.

H - *3-D SCULPTURE

#7024010

All grades

In this course students will experience and explore creating 3-D hands-on artwork in a variety of materials such as: paper, cardboard, papier mache, wire, and foam. Basic and advanced techniques, focusing on 3-D construction, materials, and processes, will be emphasized. Students will apply this learning to create art in a variety of ways while being creative, using decorative techniques and highlighting cultural, historic, and self-identity topics.

**THE FOLLOWING ART ELECTIVE WILL BE OFFERED DURING THE
2025-2026 SCHOOL YEAR:**

H - *DESIGNING SPACES

#7002340

11th & 12th grades

Within this professional design-oriented program the student will learn to create landscape plans, design interiors, and build architectural models. Historical reference will be studied.



MUSIC

The Music Department offers a wide range of courses that develop the four artistic processes of creating, performing, responding and connecting at all levels. Students are encouraged to continue their study of a musical instrument or voice throughout their high school years and are invited to enroll in other classes that do not have a performance emphasis such as Music Technology, Ukulele, Piano, and the UCONN ECE music courses. Instrumental students looking to deepen their understanding of musical study are encouraged to enroll in Band Accelerated.

The most authentic experience for a student performer is live performance in front of an audience. Therefore, concerts and other performances are used as assessment opportunities and attendance is required. Most concerts and performances take place in the evenings and some on weekends which include (but not limited to) home football games and the Memorial Day Parade for the band. A typical concert schedule is available from the Band Director.

As extension experiences, the Music Department offers co-curricular and extra-curricular performing ensembles that meet after school. While these ensembles are not offered for credit, they are designed to expand the musical learning that takes place in the curricular performing groups and the classroom. These ensembles are available to all students, regardless of their enrollment status in curricular music courses.

H - BAND

#7051240

All grades

Students are given the opportunity to share in the band program. Members of the group learn techniques of ensemble playing. Responsibilities to the group and working together as a unit are important obligations of the individual players. Additional rehearsals, after school, evening and weekends, are required during marching season, which occurs from September through Thanksgiving.

H - BAND ACCELERATED

#7051241

All grades

Students who enroll in Band Accelerated/Honors Band will be engaged in a rigorous study of musical performance. In addition to these students being held to the same requirements as Band, students will be required to complete several project-based assessments each quarter. Students will also be required to audition for CMEA Regionals and prepare a solo piece each semester.

H - *HISTORY OF JAZZ AND ROCK

#7552140

All grades

This course surveys the history of Jazz and Rock music with particular emphasis on the musical exchanges between African-Americans and European Americans. Listening skills and the ability to communicate musical understanding using appropriate vocabulary are developed through a series of musical examples. Music reading is not required.

H - *INTRODUCTION TO PIANO KEYBOARDING

#7554140

All grades

This half-year course will give students the opportunity to learn to play the piano keyboard as well as basic music fundamentals. This class is for students with little or no previous piano experience. Others should enroll in Piano Keyboarding II. This class is offered first semester.

H - *MUSIC APPRECIATION I

#7550140

All grades

This course explores how music reflects and affects culture, society, and individuals. The topic is "Light and Dark in Music and Culture." Musical selections range from early times to contemporary, Gregorian Chant to AC/DC. Listening skills and the ability to communicate musical understanding using appropriate vocabulary are developed through a series of musical examples. Reading music is not required.

H - *MUSIC TECHNOLOGY

#7661270

All grades

This course will introduce students to the terminology, techniques and musicianship used in technology-based music. Students will gain experience using current music production hardware and software, learn the basics of music theory, and analog and digital recording techniques. Students will explore podcasting, composing and arranging, and the technique of marketing various multimedia products.

H - *PIANO KEYBOARDING II

#7564140

All grades

Prerequisite: *Successful completion of *Introduction to Piano Keyboarding*

This class is for students with previous piano experience wishing to work on more challenging music. Students who have completed the Level I course have the opportunity to continue building their skills. This class is offered second semester.

H - *PIANO KEYBOARDING III

#7565240

10th, 11th, & 12th grades

Prerequisite: *Successful completion of *Piano Keyboarding II*

Students who have completed *Piano Keyboarding II can enhance their fluency and technical skills in this third level of piano instruction.

H - POP CHOIR

#7507140

All grades

This ensemble will sing a variety of popular choir selections representing all musical genres from the '60s to today, including jazz selections and American musical theatre. Proper vocal technique, how to read music, sight-singing skills, voice production, balance, phrasing, and rhythm are emphasized. The group will perform for school and community events and graduation credit is earned.

H - STRING ENSEMBLE

#7552670

All grades

This ensemble is designed to allow students with previous experience playing violin, viola, cello, or bass to share in the string program. Members of this group will learn the techniques of ensemble playing. This class will prepare students for future membership in the Concert Orchestra.

H - UCONN FUNDAMENTALS OF MUSIC 1011 WITH MUSIC THEORY I (3 UCONN CREDITS)

11th & 12th grades

#7504255

Prerequisite: *UConn Application*

Music Theory I is taken in conjunction with this UConn Fundamentals of Music/Ear Training I (1011) class. This course reviews in detail the language of music through the elements of rhythm, pitch, intervals, notation, and modality. Students will acquire knowledge of sight-reading and aural dictation. Introduction and construction of four-part harmony including modulation and analysis of classical and contemporary music are covered. Students must have permission of instructor.

H - *UCONN MUSIC APPRECIATION 1001 (3 UCONN CREDITS)

#7552345

11th & 12th grades

Prerequisite: UConn Application

This college course will cover how music reflects and affects culture, society, and individuals. Musical selections range from medieval through contemporary. Listening skills and appropriate vocabulary are developed and stressed through a series of musical examples. This course may be taken in conjunction with either *Music Appreciation I or *Music Appreciation II.

H - *UConn POPULAR MUSIC AND DIVERSITY IN AMERICAN SOCIETY (3 UConn CREDITS)

10th, 11th, & 12th grades

#7552355

Prerequisite: UConn Application

This course examines American popular music within its historical and social context, primarily throughout the 20th century. It will encourage students to think critically and creatively about popular music in relation to topics of diversity. We will study significant styles of American popular music, with a focus on select songs that exemplify their respective genres, and explore several recurring themes throughout the course, such as the role of popular music as a symbol of identity; the interaction of European American, African American, and Latin American traditions; and the influence of mass media and technology.

H - *UKULELE I

#7662270

All grades

This course is for students who have thought about learning a fun, easy instrument. This course will provide an easy access foundation that will get the student playing familiar songs. When first learning the ukulele, it is important to have the material presented in stages and in an enjoyable way that allows the student to grasp the basics of the instrument and music. The course begins simply with the names of the strings, tuning and technique. The student will learn the basic music fundamentals such as scales, power chords and fingering. Students will learn to develop correct technique and be able to play basic tropical tunes.

SOCIAL STUDIES

Shelton High School believes a comprehensive social studies education integrates the study of the social sciences and humanities to promote civic competence and embeds the goals of college, career and civic readiness education for all. In addition, a meaningful and relevant social studies education integrates the study of civics, Economics, geography, history and the other social sciences through an inquiry-based instructional approach that is grounded in rich local, state, national and global historical content. Students must take a minimum of 9 humanities credits including 1.0 in U.S. History I/AP U.S. History and .5 Civics or 1.0 in AP U.S. Government.

H - ADVANCED PLACEMENT EUROPEAN HISTORY

#2004445

10th, 11th, & 12th grades

This Advanced Placement elective course is geared for those students who wish to pursue a college-level social science course. Students will learn the basic chronology, concepts, and major historical facts and personalities, and historical analysis of trends from approximately 1450 (the High Renaissance) to the present.

H - ADVANCED PLACEMENT HUMAN GEOGRAPHY

#2022015

10th, 11th, & 12th grades

This Advanced Placement elective course is geared for those students who wish to pursue a college-level social science course. Students will explore how humans have understood, used, and changed the surface of Earth. Students will use the tools and thinking processes of geographers to examine patterns of human population, migration, and land use.

H-HUMANITIES S-STEM WL-WORLD LANGUAGES P/W-PHYSICAL WELLNESS H&S-HEALTH & SAFETY

H - ADVANCED PLACEMENT PSYCHOLOGY

#2005445

11th & 12th grades

This full-year psychology course is geared for students who wish to pursue a college level psychology course. This course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to psychological facts, principles, and phenomena associated with each of the major subfields within psychology.

H - ADVANCED PLACEMENT UNITED STATES GOVERNMENT & POLITICS

#2010345

11th & 12th grades

The AP United States Government and Politics course gives students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret United States government and politics and the analysis of specific examples. It requires familiarity with the various institutions, groups, beliefs, and ideas that constitute United States government and politics. Students will become acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes. This course will also fulfill the State of Connecticut Civics requirement.

H - ADVANCED PLACEMENT UNITED STATES HISTORY

#2003335

10th & 11th grades

This Advanced Placement course is geared for those who wish to pursue a college-level social science course in their sophomore or junior year. The AP History course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States History. Students will learn to assess historical materials, their relevance to given interpretive problems, reliability and importance, and to weigh the evidence and interpretations presented in historical scholarships. This course may be taken in place of the regular required United States History I and United States History II courses.

H - ADVANCED PLACEMENT WORLD HISTORY

#2001115

9th grade

This Advanced Placement course is geared for those students who wish to pursue a college-level social science course. Course content includes the investigation of five course themes and nineteen key concepts in six different chronological periods, from approximately 8000 B.C.E. to the present.

H - AFRICAN AMERICAN/BLACK AND PUERTO RICAN/LATINO STUDIES

#2021010

11th & 12th grades

Prerequisites: *Modern World History or AP World History and U.S. History I or AP U.S. History*

This course is an opportunity for students to explore accomplishments, struggles, intersections, perspectives, and collaborations of African American/Black and Puerto Rican/Latino people in the United States. Students will examine how historical movements, legislation, and wars affected the citizenship rights of these groups and how they, both separately and together, worked to build U.S. cultural and economic wealth and create more just societies in local, national, and international contexts. Coursework will provide students with tools to identify historic and contemporary tensions around race and difference; map economic and racial disparities over time; strengthen their own identity development; and address bias in their communities.

H - *ANCIENT WORLD HISTORY

#2024010

All grades

Ancient World History prepares students to “do” history by guiding them through the steps a historian would take to analyze historical events and evidence worldwide. The course offers balanced global

coverage with Africa, the Americas, Asia, Europe, and Oceania represented. This course covers history from prehistory to 1500 A.D. in terms of the impact on Western Civilization. Students will review and strengthen map and globe skills, skills in interpreting and using information, and historical thinking skills.

H - *CIVICS

#2076240

11th & 12th grades

The goal of this course is to prepare students to understand and carry on the fundamentals of our American Republic. This half-year course focuses on the study of what it means to be a responsible, knowledgeable, participating citizen and blends the study of our nation's constitutional history with the structure of our government and its laws. Students will study how ideas about government change over time, and how these ideas apply to current issues impacting our society. *The State of Connecticut has made this a required course for students.*

H - *CONNECTICUT HISTORY

#2076340

10th, 11th, & 12th grades

Connecticut has a rich history dating back thousands of years. This class will examine the events and people that have created and shaped the great state of Connecticut. In exploring the lives of men and women—rich and poor, enslaved and free, Native American and settler, Loyalist and Patriot, soldier and pacifist—students will experience the growth and development of Connecticut. Special interest will also be paid to local Shelton history.

H - *CULTURAL ANTHROPOLOGY

#2051240

All grades

Is a social science that studies all of the world's people, looking at both past and present day culture. The course introduces some of the key concepts that have concerned anthropologists such as culture, social structure, religion, kinship, race, gender, communication, and identity and provides an opportunity to learn about a variety of social and cultural contexts both within and outside the United States. This course aims to help students understand how we are all members of a worldwide human community.

H - *CURRENT WORLD EVENTS

#2072340

11th & 12th grades

Do you know what is happening in the world today? In this course, you will study local, national, and international events and issues through the use of journals, magazines, newspapers, and television. You will learn how daily events affect your life.

H - *FORENSIC AND LEGAL PSYCHOLOGY

#2075340

10th, 11th, & 12th grades

Using research in clinical, cognitive, developmental and social psychology, forensic and legal psychology shows how psychological science can enhance the gathering and presentation of evidence, improve legal decision-making, prevent crime, rehabilitate criminals and promote justice.

H - *GEOGRAPHY

#2062240

All grades

The field of learning called geography seeks to describe how all the world's places are alike and how each is unique. The geographic study will include the people, the way they live, the work they do, the beliefs they hold and the way they organize their portion of the earth's surface. Included in the course will be the study of climates, landforms, and locations, which will afford the student the basic tools to "think geographically" about the world's problems.

H - *HISTORY THROUGH FILM: 20TH CENTURY UNITED STATES HISTORY

#2053340

11th & 12th grades

By combining the study of films with the text-based primary sources, this course offers the student a clear guidance in studying, interpreting, and understanding motion picture's significance as a primary source in investigating United States History. It will also promote, through essays and documents, the student to analyze film as cultural artifacts within the context of actual past events.

H - *INTRODUCTION TO PHILOSOPHY

#2020000

11th & 12th grades

Course topics include the history of philosophy, forming a logical argument, the nature of reality, the existence of good and evil, political philosophies, Eastern philosophies, and existentialism. The course requires reading difficult texts and being prepared to discuss them in class. The course is very discussion-based and will include formal and informal class debates, student presentations, several short papers, and one research paper.

H - *MODERN CULTURE THROUGH HIP HOP

#2076440

10th, 11th, & 12th grades

The course will trace the roots of hip hop from its 1970's origins in the Bronx, New York, to its position worldwide. This course will focus on Hip Hop's historical progression, while providing students an opportunity to explore all aspects of history, society, and culture that are deeply embedded in the music. Students will investigate important films, audio, and readings designed to enhance their understanding of the culture and its importance. Although the lessons are rooted in Hip Hop, ultimately they are designed as departure points for further educational exploration. This course will provide information about United States History, politics, culture, and economic structure and the impact of these events and issues on society.

H - MODERN WORLD HISTORY

#200222 H, C, A

9th grade

Students will study those periods of history from the French Revolution to modern times, which include western and non-western history. This course is recommended as a preparation for the State of Connecticut's academic assessments.

H - *PSYCHOLOGY

#2074340

11th & 12th grades

This course will help students explore such topics as the roles of the body and brain in human behavior, the process of consciousness, the causes of mental illness, human intelligence, personality, psychological testing, the roles of sleep and dreams, developmental psychology, and nature vs. nurture.

H - *SOCIOLOGY

#2064340

11th & 12th grades

This course is offered so students may appreciate the social aspects of life today—society, human relations, groups, people's beliefs, values and rules, as well as ways of organizing families, educational systems, religion, parenting and marriage. Various social problems such as crime and delinquency will also be studied. After completing the course, students may acquire a new view of themselves and the world around them that will be helpful in making lifetime decisions.

H - *UConn Economics 1201 – PRINCIPLES OF MICROECONOMICS (3 UConn CREDITS)

11th & 12th grades

#2069345

Prerequisites: UConn Economics 1202/UConn Application



This course covers how the invisible hand of the market functions through the economic decisions of firms and individuals. Course content includes how prices, wages and profits are determined, resources are allocated, and income is distributed. Topical subjects, such as, energy policy and health care are also covered. *Satisfies requirement in financial literacy.*

H - *UConn ECONOMICS 1202 – PRINCIPLES OF MACROECONOMICS (3 UConn CREDITS)
11th & 12th grades **#2007345**

Prerequisite: UConn Application

This course covers the organization and function of the economic system as a total unit. Economic decisions, institutions, and policies that determine levels and rates of growth of production, employment and prices will be studied as well as government budget deficits and current interest rate policy. *Satisfies requirement in financial literacy.*

H - UNITED STATES HISTORY I **#200311 H, C,**
A

10th grade required

The American way of life has its roots far back in history. The material comforts we enjoy, the institutions which serve us so well, and the freedoms we cherish are products of many hands and many minds. This course is designed to guide the student in understanding our heritage and in preparing for the responsibilities of citizenship.

H - *UNITED STATES HISTORY II **#200321 H, C, A**

Required for students who took United States History I

Prerequisite: Successful completion of United States History I

The American way of life has its roots far back in history. The material comforts we enjoy, the institutions which serve us so well, and the freedoms we cherish are products of many hands and many minds. This course is designed to guide the student in understanding our heritage and in preparing for the responsibilities of citizenship. The course will focus on events from 1940 to the present day.

H - *YOU AND THE LAW **#2058140**

11th & 12th grades

Maintaining our democracy is not an easy task. Through law education, individuals learn to be effective, law-abiding, active, participating citizens. Law-related education helps to develop young citizens who can sustain, preserve, and foster our free, democratic society. Some of the law-related topics covered include: crimes, death penalty, search and seizure, juvenile court system, and hate crimes.



SCIENCE

Students are required to take 9 credits in STEM. This includes any lab science and elective combination. It is recommended that grade 9 students take Environmental Science, Honors Biology/Lab, AP Biology/Lab or AP Physics 1 Algebra-Based/Lab. Sophomores are encouraged to take Biology (lab-based or conceptual) if they did not in grade 9. Juniors and seniors are encouraged to select additional lab science courses or electives. Chemistry and physics are strongly recommended for college-bound students. Students may select another lab science course or electives to fulfill their graduation requirement. Students taking any laboratory science class will meet eight periods one week and seven periods the following week.

S - ADVANCED PLACEMENT BIOLOGY

#4006445 & LAB #4006445L

All grades

Advanced Placement Biology is designed to be the equivalent of a college level introductory biology course for biology majors. The two main goals of AP Biology are to help students develop a conceptual framework for modern biology and to help students gain an appreciation of science as a process. Primary emphasis will be placed on developing and understanding important biological concepts and their practical application in everyday life. Topics include biochemistry, organisms and populations, biotechnology, cell energy transformations, genetics and evolution. Thirteen labs mandated by the College Board will be completed throughout the year. Additional labs, outside readings and interactive web site activities will be utilized by instructor to supplement units when necessary.

S - ADVANCED PLACEMENT CHEMISTRY

#4016345 & LAB #4016345L

10th, 11th, & 12th grades

Prerequisite: *Concurrent enrollment in Algebra II or higher math course*

The AP Chemistry course provides students with a college-level foundation to support future advanced studies in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. It is strongly recommended that students have completed a first year high school chemistry course before enrollment in an AP Chemistry class.

S - ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE

#4000345 & LAB #4000345L

10th, 11th, & 12th grades

Prerequisite: *Successful completion of Biology and Algebra I*

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them.

S - ADVANCED PLACEMENT PHYSICS C: ELECTRICITY & MAGNETISM

11th & 12th grades

#4010385 & LAB #4010385L

Prerequisite: Successful completion of a Calculus course

This is an advanced level, calculus-based physics course promoting conceptual and mathematical reasoning in understanding physics, specifically for students entering an engineering pathway. The focus of this course is on electrostatics, electric current, magnetism, and electromagnetic induction. This course requires advanced understanding of mathematics.

S - ADVANCED PLACEMENT PHYSICS C: MECHANICS**#4010375 & LAB #4010375L**

11th & 12th grades

Prerequisite: Successful completion of Calculus or concurrent enrollment in AP Calculus AB or higher

This is an advanced level, calculus-based physics course promoting conceptual and mathematical reasoning in understanding physics, specifically for students entering an engineering pathway. The focus of this course is on kinematics; Newton's laws of motion; torque, rotational motion, and angular momentum; gravitational and circular motion; work, energy, power, and linear momentum; and harmonic motion. This course is designed to meet the requirements of a first semester college physics course for engineering students.

S - ADVANCED PLACEMENT PHYSICS 1 ALGEBRA-BASED**#4010355 & LAB #4010355L**

All grades

Prerequisite: Concurrent enrollment in Algebra II or higher math course

This is an introductory, algebra-based physics course, promoting conceptual physics reasoning and understanding, specifically for engineering, premed, or other advanced science pathways with a focus on: kinematics; Newton's laws of motion; torque; rotational motion and angular momentum; gravitational and circular motion; work, energy, and power; and linear momentum. This course is designed to meet the requirements for a first-semester, college physics course. This course is a prerequisite for AP Physics 2 Algebra-Based.

S - ADVANCED PLACEMENT PHYSICS 2 ALGEBRA-BASED**#4010365 & LAB #4010365L**

10th, 11th, & 12th grades

Prerequisite: Successful completion of AP Physics I Algebra-Based/Lab

This is an introductory, algebra-based physics course, promoting conceptual physics reasoning and understanding, with a focus on: fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics and electric circuits with capacitor; magnetic fields; oscillations; mechanical waves and sound; electromagnetism; physical and geometric optics; and topics in modern physics. This course is designed to meet the requirement for a second semester, college physics course.

S - ANATOMY AND PHYSIOLOGY**#405454 & LAB #405454L H, C, A**

10th, 11th, & 12th grades

Prerequisite: Successful completion of Biology

This course will include a year-long program of intense human anatomy and physiology studies. The areas covered will include medical terminology, basic chemistry, cell and tissue structure, and the eleven systems of the human body (integumentary, skeletal, muscular, nervous, endocrine, circulatory, lymphatic/immune, digestive, respiratory, urinary, and reproductive). Laboratory work will be required and involve dissections. The content will be most helpful to students interested in a variety of medical fields including medicine, dentistry, nursing, athletic training, and physical therapy. Students may not take this course and *Human Body at the same time.

S - *AVIATION**#4064140**

All grades

Aviation may be the first step to a new and exciting career in aviation, whether as a pilot, control tower operator, airline crew member or air-terminal employee. This course is designed to expose students to the following: history of aviation, principles of flight, airport operations and radio communications, navigation, and reading sectional maps and plotting trips, as well as a minimum of 10 hours on a VFR simulator. Field trips to local airports to observe daily operations of the control tower and management of air traffic and ground operations will be a part of this course.

S - BIOLOGY I

#400322 & LAB #400322L H, C

9th (Honors only) & 10th grades

Prerequisite: Successful completion of Algebra I

This course will cover the fundamental concepts of cell chemistry, biotechnology, genetics, evolution, biodiversity, viruses, bacteria, and ecosystems. Since one of the most important aspects to teaching any science is the process by which knowledge in the field is gained, the interplay of experimentation and reasoning during laboratory situations makes laboratory activities an invaluable tool in advancing the knowledge of students.

S - BIOLOGY II

#4005340

10th, 11th, & 12th grades

Prerequisite: Successful completion of Biology

Biology II is designed to be a continuation of Biology I/Lab. The course will take a closer look at areas briefly touched upon in Biology I/Lab. Major topics include a detailed study of plants, environmental science, ecosystems, and ecological relationships of humans and the planet, and the vertebrate classes (fish, amphibians, reptiles, birds, and mammals).

S - CHEMISTRY I

#401434 & LAB #401434L H, C

10th (Honors only), 11th, & 12th grades

Prerequisite: Successful completion of Algebra I

The Chemistry lab is intended to provide (a) experience in using common chemical equipment and techniques, and (b) an opportunity to apply some of the Principles learned in the classroom. Emphasis is placed on making careful observation and quantitative measurements under controlled experimental conditions. Concepts included in the course are fundamental to a career in science and nursing as well as teaching. Students who know that they are going on to college and are planning to pursue careers in mathematics or science are strongly urged to take Chemistry in their junior year and Physics in their senior year.

S - CONCEPTUAL BIOLOGY

#4003233 A

10th, 11th, & 12th grades

Conceptual Biology is designed to offer students a practical approach to learning about life. Topics covered include: homeostasis, cells and energy, genetics, biotechnology, evolution and natural selection, evolution of populations, and animal behavior and diversity.

S - CONCEPTUAL CHEMISTRY

#4015343 A

11th & 12th grades

Prerequisite: It is recommended that students have successfully completed or are concurrently enrolled in Algebra I.

Conceptual Chemistry is designed to offer students a practical approach to learning about matter and its changes. Some mathematical equations will still be studied, but emphasis will be on the concepts of chemistry rather than mathematics. Laboratory activities will be an invaluable tool in advancing the

knowledge of students.

S - CONCEPTUAL PHYSICS

#4009243 A

11th & 12th grades

Prerequisite: *It is recommended that students have successfully completed or are concurrently enrolled in Algebra I.*

Conceptual Physics is designed to offer the student the physical concepts of nature with less math than a traditional physics course. Mathematics and problem solving are still an integral part of the course, but the emphasis will be on the concepts rather than the mathematics.

S - *ENGINEERING THROUGH NATURE

#4065350

10th, 11th, & 12th grades

Prerequisite: *Successful completion of Biology*

Engineering Through Nature will reinforce core concepts in biology, chemistry, and physics and apply science and engineering practices to solve human technological challenges. Students will look to nature and its patterns and explain how these patterns help species survive. Through the study of biomes and organisms' adaptations for survival, energy transformations, natural resources, cycles in nature, and biotechnology, students will imitate nature's design to solve humankind's technological challenges. At the end of the semester, each student will participate in a culminating project challenge by designing, building, and testing an idea inspired by nature.

S - ENVIRONMENTAL SCIENCE

#406674 H, C, A

All grades

This course will explore the issues that make up the study of our environment. Through a detailed examination of scientific principles and current issues, topics such as land use, extraction and utilization of natural resources, human impacts on ecosystems, population dynamics, and climate change will be explored.

S - FORENSIC SCIENCE

#4055540 & LAB #4055540L

10th, 11th, & 12th grades

Prerequisite: *Successful completion of previous high school science course*

This course is designed to meet the needs of students wishing to experience a more in-depth investigation in the field of forensic science. With many hands-on activities and labs, the student will be exposed to real-world practical application of the concepts, information, and techniques utilized in criminal forensic investigations. This course is ideal for those students interested in a career in forensic science, law, or law enforcement.

S - FUNDAMENTALS OF HEALTH SCIENCE H

#4054361 & LAB #4054361L

11th & 12th grades

Prerequisite: *Successful completion of Biology I/Lab and Anatomy and Physiology/Lab or Human Body (or concurrent enrollment in Anatomy and Physiology or Human Body)*

Students learn the basics required of all healthcare employees including professionalism, medical ethics, medical terminology, measurement of vital signs, cultural awareness, infection control, and standard precautions, along with skills pertinent to the job. Students will demonstrate their learning of skills through patient care simulations in the lab. Classroom instruction will rotate with a job shadowing experience at various local healthcare facilities from October-May. *Please note that transportation to local health facilities is the responsibility of the student.*

S - *GENETICS

#4050340

11th & 12th grades

Prerequisite: *Successful completion of Biology*

This course will provide students with an understanding of the importance genes play in our health. In addition, students will develop an appreciation for gene therapies and technologies that have the potential to greatly improve quality of life. Topics to be covered in Genetics include the importance genes play in our intelligence, personalities, behavior, physical health, immunity, and evolution. The genetics of cancer and heart disease will be explored in depth. Technologies involving cloning, STEM cells, gene therapy, forensics, and genetic counseling will be expanded upon. Labs, projects, case studies, internet assignments, problem-solving, ethical role-playing, and reading guides will be used to reinforce these concepts.

S - *HERPETOLOGY

#4066340

All grades

If you are interested in reptiles and amphibians, this is the course for you. This course includes a hands-on approach to the study of reptiles and amphibians through the use of group activities, labs, audio-visual aids and internet resources. Students will learn to identify the unique characteristics of each class of these animals as well as their evolutionary path, common ancestors, lifestyles and reproductive mechanisms.

S - *THE HOUSATONIC RIVER: PAST, PRESENT AND FUTURE

#4021020

10th, 11th, & 12th grades

Prerequisite: *Successful completion of a full year science course*

Come learn about one of the most important resources in our area. The Housatonic River has been the lifeblood of this region of Connecticut. From being a major source of food and transportation in its early history to being enjoyed for its recreation and returning species today, the Housatonic River is truly a unique ecosystem. Topics include recreation along the river, native and invasive species, history, water chemistry and water quality, pollution, the river's surrounding watershed, topography, ecosystems, seasonal changes and migrations. River clean up opportunities will be available for students to improve this valuable resource.

S - *HUMAN BODY

#4063260

10th, 11th, & 12th grades

Prerequisite: *Successful completion of Biology*

This course is designed to meet the needs of students who wish to learn the Essentials of human anatomy and physiology. It provides a comprehensive summary for students of the biological sciences, nursing, and occupational therapy. It should be most helpful to all students interested in dentistry, medicine, medical technology, hygiene, and physical therapy. Human Body is designed to study the structure and function of the human organism. Students who have already taken Anatomy and Physiology/Lab are not eligible for this course.

S - *INTRODUCTION TO FORENSIC SCIENCE

#4064240

10th, 11th, & 12th grades

Prerequisite: *Successful completion of Biology*

This class is designed for those students interested in learning about real-world applications of science. It will involve several areas of science including Biology, Chemistry and Physics. Students will learn common forensic science techniques used in crime investigations such as fingerprinting, blood typing and DNA analysis. Students will also examine and analyze past court cases. This course is ideal for those students interested in a career in law, forensic science, or law enforcement. Students who have

taken Forensic Science/Lab are not eligible for this course.

S - *MARINE SCIENCE

#4058340

10th, 11th, & 12th grades

Explore the underwater world and learn about various marine habitats including the rocky shoreline, salt marshes, Long Island Sound and the deep sea. Students will study the composition of the oceans; learn to recognize its characteristics and the many different organisms that live in this environment.

S - PHYSICS I

#400824 & LAB #400824L H, C

11th & 12th grades

Physics is concerned with the relation between matter and energy. Areas of lecture and lab concentration are: mechanics, electricity, magnetism, and waves. Lectures and lab activities are complemented by demonstrations and problem solving exercises. Student groups conduct experiments that provide experience in collecting, recording, organizing, and analyzing data for the purpose of drawing conclusions with regard to stated objectives.

S - *SCIENTIFIC RESEARCH AND EXPERIMENTAL DESIGN

#4055640

All grades

This course is designed to develop students' knowledge and skills in research, ethics, scientific writing, experimental design, and acquisition and analysis of data. This course is recommended for any student who wishes to participate in the science fair and/or pursue a career in a STEM-related field.

S - *SPACE FRONTIERS

#4064340

11th & 12th grades

This course will introduce students to the leading edge of scientific ideas in such diverse areas as bioengineering, nanotechnology, space exploration, and computers, and will project trends for the future. Students will research current periodicals, science books, and the Internet. A strong background in the sciences and a desire to learn and discuss science are essential.

S - UCONN PHYSICS 1201Q/1202Q (8 UCONN CREDITS)

#4021345

11th & 12th grades

Prerequisites: Successful completion of Precalculus and Chemistry I/Lab is recommended/ UConn Application

This course is designed to provide a foundation for more advanced courses in physics. The topics covered include classical dynamics, rigid-body motion, harmonic motion, waves, fluids, thermodynamics, electricity, magnetism, and optics. Laboratory work is a key component of the course and offers fundamental training in precise measurements. Students should have a strong mathematical background to ensure successful comprehension and completion of this course. Students are required to take the final exam provided by the UConn Department of Physics.

S - *WEATHER AND CLIMATE

#4022010

All grades

This half-year course will introduce students to the factors that influence weather and climate and how weather and climate have impacted human populations in the past, shape our current world, and could potentially impact our future. Weather forecasting tools and models will be explored through research, projects, simulations, and hand-on activities. Human impacts on climate now and in the future will be examined as well as potential solutions to lessen the impacts of climate change.

TECHNOLOGY EDUCATION

We are living in a time of unprecedented change brought about by technology. Students are introduced to the world of modern technology using investigative, design/construct and problem-solving approaches. Technology courses offer students experiences that encourage individual creativity, exploration, work habits, and skill development. These courses engage students in opportunities to investigate career paths, develop problem-solving abilities and acquire technical knowledge of materials, tools, and processes. Technology Education offers students a roadmap to plan and prepare for multiple career pathways. Whether it is a STEM-related field such as Engineering and Robotics, to Architecture and Construction, or Information Technology to Manufacturing, our program will enable students to be college, career, and innovation ready.

S - *ARCHITECTURE

#5565240

10th, 11th, & 12th grades

Explore various residential and commercial architectural designs and construction using current principles. Using Auto Cad® software, students will design a structure, produce a detailed set of plans and build a 3D model using proper construction principles.

S - *CAD

#5559920

All grades

CAD (Computer Aided Design), two-dimensional drafting, 3D modeling, and renderings are examined in this dynamic course. Topics include drawing techniques and grasping blueprint reading skills essential for STEM professions such as structural engineering, mechanical engineering, electrical engineering and architectural design.

S - *COMPUTER APPLICATIONS I

#6066240

All grades

This course overviews the essential software applications used in business. Computer Applications takes a deep dive into Google Apps for business, including Google Docs, Sheets, Forms, Sites, and managing a Google Drive. Students then transition into industry-standard Microsoft Office Suite, emphasizing Microsoft Word, Excel, and PowerPoint. Students will create an ePortfolio comprising artifacts from completed projects and self-reflections. Microsoft Certifications are available to students interested. Computer Applications is a practical course to become proficient in the technologies that support college and career readiness.

S - *COMPUTER APPLICATIONS II

#6068240

All grades

Prerequisite: *Computer Applications I*

This course emphasizes further exploration of Google Apps for Business including Google Docs, Google Sheets, Google Forms, Google Sites and Google Drive. Students will also explore Microsoft Access and PowerPoint. Upon completion of the course, students will have gained knowledge and experience working with database and presentation software applications, which can benefit them in their personal, academic, and business environments.

S - *CONSTRUCTION

#5553210

All grades

Students will explore various design principles and material properties to gain an understanding of what gives a structure its strength. Utilizing hand tools, machinery, CAD and test equipment, structures such as bridges, towers, and commercial or residential buildings will be designed, constructed, and tested.

S - *CONSTRUCTION II**#5520010**

10th, 11th, & 12th grades

Prerequisite: *Construction

This course is a continuation of *Construction. This course provides intermediate/advanced construction technology education students the ability to further their skills and knowledge levels. Areas of emphasis include advanced design principles and knowledge of construction material properties to gain understanding of what gives a structure its strength. Utilizing hand tools, power tools, and machinery, students will focus on next-level construction skills culminating in full-scale “real life” construction projects supporting our community members.

S - *DIGITAL ART USING PHOTOSHOP**#5554250**

10th, 11th, & 12th grades

Want to learn how the professionals use Adobe Photoshop but have little to no editing knowledge? Students will explore the world of Adobe Photoshop through retouching, colorization, poster design, gifs, animations, and more. *Satisfies requirements for The Arts and Full Sail Partnership.*

S - ENGINEERING & STEM CAREERS**#5550020**

All grades

This class will introduce major fields within engineering as well as the skills needed to begin a successful, high paying career. Through the use of CAD software, students will produce detailed drawings and plans for various design projects with an emphasis on problem-solving. Some of the machines that will be used include 3D printers and CNC routers. Fields being explored include aerospace, biomedical, electrical, manufacturing, and robotics in our new STEM lab. This course is recommended for 9th graders who are interested in all technology career pathways.

S - GAEL NEWS**#5558760**

All grades

Recommended Prerequisite: Video Production I

Students will work on our student-run daily morning announcements and create advertisements for clubs, organizations, and businesses in the Shelton community. Some editing knowledge is required. Over the year students will learn how to run a tricast, anchor the news, adjust audio on the fly, and write creative scripts that will bring Gael pride into homeroom each day. This course allows you to build a portfolio for college and the film industry. *Satisfies requirements for The Arts and Full Sail Partnership.*

S - GRAPHIC ARTS**#5556140**

All grades

Do you enjoy marketing but want more creative input? See how the world of design comes alive through the creative process by building a digital portfolio which will include your own logos, an advertisement, sticker making, websites, and design using Adobe Illustrator, InDesign, and Dreamweaver. *Satisfies requirements for The Arts and Full Sail Partnership.*

S - *MANUFACTURING**#5553100**

All grades

Students will be given real life design problems and specifications. The class will be expected to work in a team situation to brainstorm solutions, design, prototype and mass produce products based on a set of design parameters. Students are expected to demonstrate sound design ideas/abilities.

S - *MANUFACTURING II**#5520020**

10th, 11th, & 12th grades

Prerequisite: *Manufacturing

This course is a continuation of *Manufacturing. This course provides intermediate manufacturing technologies and students the ability to further their skills and knowledge levels. Areas of emphasis include 3D modeling, additive/subtractive manufacturing processes, joining/fastening processes, and basic instrumentation principles. The appropriate use of technology and industry-standard equipment is an integral part of this course.

S - *ROBOTICS

#5570140

10th, 11th, & 12th grades

This half-year course will allow students to study the main technical systems of Robotics. Primary focus will be on the physical, mechanical, pneumatic, and electrical systems and how they connect with industrial manufacturing robots. Students will be given an opportunity to apply robotic theory by constructing and testing several types of robotic machines. Students will be taught safety, procedures design techniques, and an approach to problem solving. Students also will have the opportunity to work directly with the FIRST Robotics Team through application, design, and prototyping.

S - *SCSU DIGITAL COMMUNICATION COM 212 (3 SCSU CREDITS)

#6021015

11th & 12th grades

This course is designed to help students learn basic visual communication skills and technologies. As increasing numbers of businesses, services, scholars, and storytellers look toward the internet as a vital and effective tool to advertise products and services, share information, and entertain audiences, it is important for our Communication students to become familiar with visual storytelling techniques and technologies. *Satisfies requirements for The Arts and Full Sail Partnership.*

S - *3D ANIMATION I

#5554320

All grades

Creative flair meets technical skills in 3D Animation I. Get exposed to different methods of animating motion and the foundation of animating 3D objects. Students will create animations that blend different techniques as needed and apply to models and semi-automated methods for generating motion through various procedural techniques. Computer animation is suitable for learners interested in 3D modeling and rendering.

S - *3D ANIMATION II

#5553250

All grades

Prerequisite: Successful completion of *3D Animation I

A continuation of *3D Animation I, students will dive deeper into modeling, texturing, lighting, and simple animation tools, as well as rendering. Three-dimensional modeling and animation enhance basic animation skills. Topics include computer graphic theories and methods, understanding and use of 3D software interface and basic project production methods.

S - *VIDEO & PHOTOGRAPHY

#5554140

All grades

Ever wonder why some photographs come out better than others or just want to master some film editing skills? Over the course of the semester students can take their social media images and videos to the next level, using Adobe Photoshop, script writing, film editing and more. *Satisfies requirements for The Arts and Full Sail Partnership.*

S - *VIDEO GAME DESIGN I

#5556320

All grades

Love playing video games but want to know more? Develop games from scratch, design through exploration, paper and digital prototyping, problem-solving, and user testing. Explore game and design concepts while gaining knowledge of video game design through models and computer software. GGWP! (Good Game Well Played). *Full Sail Partnership*

S - *VIDEO GAME DESIGN II

#5556330

All grades

Prerequisite: *Successful completion of *Video Game Design I*

This course will teach students what is required to create quality games that people want to play. Instruction is balanced between the necessary, important technical skills and the art of the craft. In addition to the technical instruction, students enrolled in this course must place significant focus on literacy and storytelling to create compelling and engrossing scenarios. *Full Sail Partnership*

S - *VIDEO GAME DESIGN III

#5556340

10th, 11th, & 12th grades

Prerequisite: *Successful completion of *Video Game Design II*

As a continuum of previous SHS video game design courses, this course will provide an introduction to C++ programming and 3D game development, covering everything needed to take a game from concept to completion. With a wide range of topics, the course will provide opportunities for students to discover passions towards technology in ways that resonate with their interests and strengthen student career pathways. *Full Sail Partnership*

S - *VIDEO PRODUCTION I

#5524010

All grades

Embark on a captivating journey into the world of video production as we delve into the intricacies of the production process, guiding you through each stage with hands-on experience and Adobe Premiere Pro. Whether you're an aspiring filmmaker, content creator, or simply someone eager to explore the art of visual storytelling, this course is your gateway to mastering the craft of video production. *Satisfies requirements for The Arts and Full Sail Partnership*

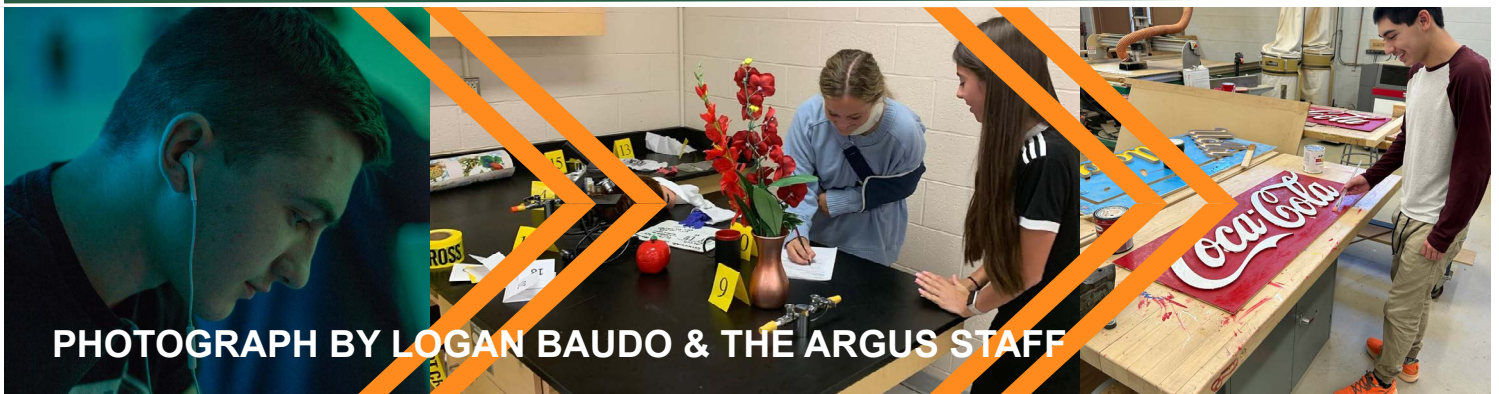
S - *VIDEO PRODUCTION II

#5524020

All grades

Prerequisite: **Video Production I*

Elevate your video production skills to the next level by building upon the foundational knowledge acquired in Video Production I. This class is a deep dive into the nuanced elements that transform ordinary videos into compelling visual stories. From conducting interviews that capture authentic narratives to mastering the art of B-Roll, understanding color theory, and crafting immersive soundscapes, this course equips you with the expertise to produce captivating and professional-grade content. *Satisfies requirements for The Arts and Full Sail Partnership.*



PHOTOGRAPH BY LOGAN BAUDO & THE ARGUS STAFF

MATHEMATICS

INCLUDING COMPUTER SCIENCE

Students are required to take 9 credits in STEM. This includes any math and elective combination. It is recommended students follow the sequence of Algebra I, Geometry, and Algebra II. The following is the recommended mathematics course sequence for all classes:

Students who have successfully completed Algebra I in 8th grade should follow the sequence of Geometry in 9th grade, Algebra II in 10th grade, and Precalculus or AP Precalculus in 11th grade. Students may select SCSU Elementary Statistics, Calculus, AP Statistics, AP Calculus AB, AP Calculus BC, or *SAT Preparation (Math) following Precalculus.

Students who have not taken Algebra I in 8th grade should follow the sequence of Algebra I in 9th grade, Geometry in 10th grade, and Algebra II in 11th grade. Students may select /SCSU Elementary Statistics, Precalculus, AP Precalculus, AP Statistics, SCSU College Algebra, or *SAT Preparation (Math) in 12th grade.

Students who require reinforcement of basic skills and need help grasping the basic concepts of Algebra should take the sequence of Integrated Math in 9th grade, Algebra I in 10th grade, and Geometry in 11th grade. College Algebra or Math Applications may be selected as an elective in 12th grade.

Calculator Use: All of the mathematics courses at Shelton High School incorporate the use of scientific or graphing calculators. It is recommended that scientific calculators are purchased for use in class and at home for Integrated Mathematics, Algebra I, Geometry, College Algebra, and Math Applications. Students are encouraged to purchase a TI-83+ or 84+ graphing calculator for the following courses: Algebra II, SAT Math, SCSU Elementary Statistics, Calculus, Precalculus, AP Precalculus, AP Calculus, and AP Statistics.

S - ADVANCED PLACEMENT CALCULUS AB

#3012445

10th, 11th, & 12th grades

Prerequisite: *Successful completion of Precalculus or AP Precalculus*

This course is primarily concerned with developing the student's understanding of the mathematics of change and providing experience with its methods and applications. The course emphasizes a multi representational approach to calculus with concepts, results and problems being expressed geometrically, numerically, analytically, and verbally. The TI 83+ or 84+ graphing calculator is required as part of the AP exam, and ownership is highly encouraged.

S - ADVANCED PLACEMENT CALCULUS BC

#3022445

10th, 11th, & 12th grades

Prerequisite: *Successful completion of AP Calculus AB, Precalculus, or AP Precalculus*

AP Calculus BC is roughly equivalent to both first and second semester college calculus courses. It extends the content learned in AB to different types of equations (polar, parametric, vector-valued) and new topics (such as Euler's method, integration by parts, partial fraction decomposition, and improper integrals), and introduces the topic of sequences and series. The AP course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. The TI83+ or 84+ graphing

calculator is required as part of the AP exam.

S - ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES

#3211445

All grades

Prerequisite: Successful completion of Algebra I

AP Computer Science Principles is an introductory college-level computing curriculum that introduces students to the breadth of the field of computer science. Students learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They incorporate abstraction into programs and use data to discover new knowledge. Students also explain how computing innovations and computing systems-including the internet-work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical.

S - *ADVANCED PLACEMENT PRECALCULUS

#3008345

10th, 11th & 12th grades

Prerequisite: Successful completion of Algebra II

AP Precalculus allows students the opportunity to model real-world situations to gain a deeper understanding of functions through multiple representations, and to master symbolic manipulation needed for future college-level math courses. Course content includes an in-depth study of the following functions: polynomial, rational, exponential, logarithmic, trigonometric and polar as well as functions involving parameters, vectors, and matrices. The TI-83+ or 84+ graphing calculator is required as part of the AP exam and ownership is highly encouraged.

S - ADVANCED PLACEMENT STATISTICS

#3011345

10th, 11th, & 12th grades

Prerequisite: Successful completion of Algebra II

The purpose of the Advanced Placement course in Statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, experimental design, anticipating patterns, and statistical inference. The TI 83+ or 84+ graphing calculator is required as part of the AP exam, and ownership is highly encouraged.

S - ALGEBRA I

#300314 H, C, A

9th & 10th grades

In this course students will engage in the formal study of Algebraic concepts with a focus on problem solving, real-world applications, modeling, and the appropriate use of technology. Course content includes the study of statistics, linear equations and inequalities, systems of linear equations and inequalities as well as functions, including quadratic and exponential functions. A scientific calculator is highly recommended for this course.

S - ALGEBRA II

#300524 H, C, A

All grades

Prerequisite: Successful completion of Algebra I

This course is a further study of topics from Algebra I with a focus on problem solving, real-world applications, modeling, and the appropriate use of technology. Course content includes the following: quadratic, polynomial, and exponential functions; polynomials, powers, and roots; the complex number system, and statistical inferences. Logarithmic and rational functions are addressed. A graphing calculator is highly recommended for this course.

S - CALCULUS

#3010341 H

11th & 12th grades

Prerequisite: *Successful completion of Precalculus or AP Precalculus*

This course begins with a review of some pre-calculus topics and then moves to a study of introductory calculus. Students study elementary functions, limits, differential and integral calculus and its applications.

S - COLLEGE ALGEBRA

#3007550

12th grade

Prerequisite: *Successful completion of Algebra II*

This course is designed to better prepare students in the area of Algebraic understanding before moving on to an undergraduate program. It will focus on problem-solving, real-world applications, modeling, and the appropriate use of technology while reinforcing skills learned in Algebra I and II. Course content will include an in-depth look at equations and inequalities, systems of equations and inequalities, functions, data analysis, measurement, personal finance, basic trigonometry, and SAT test-taking strategies. A scientific calculator is recommended for this course. Students who have taken Precalculus are not eligible for this course.

S - *CYBERSECURITY

#3024030

All grades

The goal of this half-year course is to introduce students to basic cybersecurity concepts and inspire interest in cybersecurity careers. This course does not require any prerequisite knowledge in computing or cybersecurity. The focus of instruction will include the implementation and monitoring of security on network and computer systems. Students will investigate strategies to identify and protect against security threats such as hackers, eavesdropping, and network attacks. The basics of cryptography and logic reasoning will be explored and students will receive practice in the configuration and mitigation of system vulnerabilities. Each unit integrates current events and related cyber ethics and law.

S - *DISCRETE MATHEMATICS

#3001300

10th, 11th, & 12th grades

Discrete Mathematics is a branch of mathematics which focuses on exploring mathematical ideas rather than mathematical computations and procedures. In this course, students will have the opportunity to improve their reasoning and problem-solving ability through the study of topics such as set theory, logic, numeration systems, and voting theory.

S - GEOMETRY

#300414 H, C, A

All grades

Prerequisite: *Successful completion of Algebra I*

In this course students will engage in the process of deductive and inductive reasoning while exploring in depth the characteristics and relationships of geometric shapes and structures. Students will develop their spatial visualization and problem solving skills through real-world applications, the use of a variety of geometric tools, and appropriate technology. Topics stressed include transformations, congruent and similar figures, area and volume, coordinate geometry, circles, and trigonometry. A scientific calculator is recommended for this course.

S - INTEGRATED MATH

#3003243 A

9th grade

This course is designed to prepare students for Algebra I. The course reinforces pre-algebraic skills including operations with rational numbers, manipulating and evaluating algebraic expressions, and solving equations. Students will problem-solve using equations, graphs and tables, and investigate

linear relationships, including those that are proportional. Reinforcement of topics from two-dimensional geometry, including area and perimeter, angles, and the Pythagorean Theorem, are integrated into the curriculum.

S - INTEGRATED MATH II

#3021013 A

9th & 10th grades

Integrated Math II is designed to build and reinforce pre-algebraic skills for students who require an additional year to prepare for Algebra I. The course focuses on developing students' fluency with writing, interpreting and solving equations, systems of equations, and inequalities. Students will reinforce algebraic skills in the context of data analysis and two-dimensional and three-dimensional geometry. The course touches upon the basics of percents and proportional reasoning.

S - MATH APPLICATIONS

#3018244

12th grade

This course is intended to provide non-college bound and college-bound students with the skills to maintain their personal finances related to income, taxes, banking, investing, and insurance through the study of relevant problems from everyday life. The mathematics of credit cards, car and home ownership, and travel will also be covered. Problems require and reinforce the four basic mathematical operations. A scientific calculator is recommended. *Satisfies requirement in financial literacy.*

S - *MATH STRATEGIES

#3061440

9th, 10th, & 11th grades

This course is designed for students who present the need for additional basic mathematics instruction. Such need may be determined by performance on multiple data points of mathematics assessments.

S - PRECALCULUS

#300834 H, C

11th & 12th grades

Prerequisite: Successful completion of Algebra II

In this course, students will extend topics introduced in Algebra II and learn to manipulate and apply more advanced functions and algorithms. This course provides a mathematically sound foundation for students intending to take calculus. This course content includes in-depth study of rational, exponential, logarithmic, and trigonometric functions. A graphing calculator is highly recommended for this course.

S - PROGRAMMING I

#3206140

All grades

Prerequisite: Successful completion of Algebra I

This course is designed to offer an introduction to computer science in Python. Students will learn the basics of computer programming along with the basics of computer science. The material emphasizes computational thinking and helps develop the ability to solve complex problems. This course covers the basic building blocks of programming along with other central elements of computer science. It gives a foundation in the tools used in computer science and prepares students for further study in computer science, including AP Computer Science Principles and AP Computer Science A courses.

S - *SAT PREPARATION (MATH)

#3050340

10th, 11th, & 12th grades

Prerequisite: Concurrently enrolled in Algebra II or Geometry

The primary aim of this course is to provide preparation for the mathematics section of the SAT exam. The focus is on a review of topics covered in Algebra I, Algebra II, and Geometry with opportunities for students to take practice exams. Test-taking strategies and the scoring process of the test will

be addressed. Also included are topics that will provide students with a better understanding of the fundamental ideas seen in a college mathematics program.

S - SCSU COLLEGE ALGEBRA MAT 120 (3 SCSU CREDITS)

#3024015

12th grade

Prerequisite: *Successful completion of Algebra II*

This course is a further study of Algebra and Mathematical Modeling. Functions covered will include linear, quadratic, polynomial, rational, exponential, and logarithmic. The course will have an emphasis on problem solving, real world applications, and appropriate use of technology. Students who successfully complete the course will earn 3 SCSU credits for MAT 120.

S - SCSU ELEMENTARY STATISTICS MAT 107 (3 SCSU CREDITS)

#3024025

11th & 12th grades

Prerequisite: *Successful completion of Algebra II*

Topics include measures of central tendency and measures of variation; elements of probability; random variables; introduction to estimation and hypothesis testing; and linear regression analysis. Students who successfully complete the course will earn 3 SCSU credits for MAT 107.

S - *SPORTS AND STATISTICS

#3013440

All grades

Sports and Statistics will investigate the use of statistics in professional sports. Students will learn how current statistics are calculated for professional sports and how these statistics impact game strategy. Students will be given the opportunity to collect data and evaluate it mathematically. Computer applications, including Microsoft Excel, will be used to execute real-world analysis. Topics may include: the intentional walk in baseball, the 2-point conversion, the onside kick in the NFL, the impact of playing a home game, the accuracy of point spreads, and more.

**THE FOLLOWING MATHEMTICS COURSE WILL BE OFFERED DURING
THE 2025-2026 SCHOOL YEAR:**

S - ADVANCED PLACEMENT COMPUTER SCIENCE A

#3210345

10th, 11th, & 12th grades

Suggested Prerequisite: *Successful completion of Programming I, AP Computer Science Principles OR sufficient coding knowledge at the discretion of the instructor*

This is a college- level computer science course with major emphasis on programming methodology, algorithms, and data structures. Applications are used to develop awareness of the need for particular algorithms and data structures, as well as to provide topics for programming assignments. The JAVA programming language will be the vehicle for implementing computer based solutions to particular programs. The course content is prescribed by the current College Entrance Examination Board's Advanced Placement Course Description for Advanced Placement Computer Science. Students who enroll in this course should plan on additional computer time outside of class.

CAREER & TECHNICAL EDUCATION

BUSINESS MANAGEMENT & ADMINISTRATION, FINANCE & MARKETING EDUCATION

Business Management, Finance, and Marketing courses engage students with a rigorous framework to become college and career ready in planning, organizing, and evaluating business functions of the global marketplace and the processes by which companies operate. Courses within this pathway challenge learners to become responsible citizens capable of drilling down on real-world ethical business and economic decision-making, focusing on developing the skills employers highly desire.

Those thinking of a business major in college are strongly encouraged to engage in this coursework while in high school. Students completing HCC Entrepreneurship, HCC Principles of Marketing, SCSU Financial Accounting, SCSU Introduction to Sport Management, and UConn Economics 1000—Essentials of Economics will earn three college credits that may be transferable to any college or university.

S - *ACCOUNTING I

#6005430

All grades

Students will analyze the tremendous value of accounting in communicating company performance and the various stakeholders that draw on this financial information. Examine the exciting and paramount role of public accounting firms in protecting these stakeholders. An emphasis will be put on accounting concepts, the accounting equation, and the mechanics of debits, credits and financial statements.

H - *BUSINESS COMMUNICATION

#6020041 H

11th & 12th grades

Corporate America is dominated by a wide array of overarching challenges. The ever-evolving, dynamic, global business world is interconnected to economies, politics, and governments. Should Big Pharma pricing of life-saving drugs be government regulated? Few issues have rocked the U.S. as that of the opioid epidemic. Is the private sector to blame for this raging epidemic? Come explore these controversial, thought-provoking, relevant business challenges, and many more in this “seminar” course designed to get you talking about big business issues. Students will be measured largely on their class contributions and their ability to add to meaningful discussions and debates. You must be prepared to research and explore a topic, share your views, and take and support a position thereof in respectful, inclusive classroom debates.

H - *BUSINESS LAW

#6054830

10th, 11th, & 12th grades

How can a company file for bankruptcy and continue to exist? Why is copying a company's logo, without permission, considered stealing? Explore the exciting and dynamic world of Business Law. Students will examine how laws affect them personally and professionally. Legal terms, concepts, and principles are explained and court cases from the Wharton School of Business are studied, while

engaging in various mock trials. Topics that are covered include the history of law, our legal system, contracts, sales, real estate, and torts.

H - *BUSINESS MANAGEMENT

#6053340

10th, 11th, & 12th grades

Come explore how companies are pushing the limits of conventional management practices to motivate, empower, and maximize their human capital. Explore the demands and challenges facing management in this fiercely competitive world of business. Students will discover their leadership skills by simulating business management functions through a virtual reality platform.

H - *ECONOMICS

#6064360

10th, 11th, & 12th grades

In this course students will engage in fundamental Macro and Micro Principles. Students will apply personal experiences to contemporary economic issues. Topics of study include supply and demand, labor, the role of government, trade, monetary and fiscal policy. This course will help students understand the interworking of big business and financial institutions through dynamic simulations and hands-on experiences. Guest speakers and field trips will be scheduled to enhance student learning. This is an excellent class for anyone interested in business, politics or preparing to take UConn Economics courses. *Satisfies requirement in financial literacy.*

S - *ENTREPRENEURSHIP

#6054140

All grades

In this half-year course, students will experience, through a project-based learning atmosphere, the process of owning and operating a business. Throughout the course students will analyze the essential components of business planning and foster entrepreneurial skills for lifelong success. Entrepreneurship integrates the functional areas of business including accounting, finance, marketing, management as well as the legalities involved in business ownership. By course end students will have a complete business plan, E-presence, and business concepts in a real-world Shark Tank scenario! Students will have the opportunity to compete in statewide competitions and earn start-up capital.

H - *GLOBAL BUSINESS STUDIES

#6058350

All grades

Come on a “virtual journey” across the globe exploring the many diverse countries, cultures and business practices. Dive into the dynamic and multi-faceted world of global business, using multinational companies as our backdrop for exploration and discussion. Examine the various business considerations that drive these companies to expand internationally and the compelling opportunities and complex challenges inherent in such expansion. Students will research/analyze various countries and global companies in a project based atmosphere.

S - *HCC ENTREPRENEURSHIP *BES-E218 (3 HCC CREDITS)

#6021031

10th, 11th, & 12th grades

HCC Entrepreneurship is an exploration of the entrepreneurial and franchising process, addressing the skills, concepts, mental attitudes, and knowledge relevant for creating, building, and operating new business ventures. Attention will be given to examining new venture opportunities, strategies, entrepreneurial profiles, resource recognition, allocation and development, capital acquisition, and post-start-up strategies. Primary emphasis will be placed on the creative development of individual business plans incorporating computer applications. Students will have the opportunity to compete in collegiate and statewide competitions and earn start-up capital. Students may compete in the state-

wide elevator pitch competition for cash prizes and grant funding.

S- *HCC PRINCIPLES OF MARKETING BMKT 2010 (3 HCC CREDITS)

#6021051

11th & 12th grades

This course is a study of the scope and significance of marketing in contemporary American business, emphasizing consumer goods and developing the essential elements of the marketing mix (product, price, distribution, and promotion). Students engage in rigorous social media marketing, data and analytical research through campus and professional community engagement. Strongly recommended for students engaging in business administration, marketing, and finance earning transferable college credits.

H - *INTRODUCTION TO BUSINESS

#6004110

All grades

Students will explore a variety of topics including finance, sales and marketing, accounting, operations, law, human resources, the underlying job opportunities and the necessary skills required in these roles in order to streamline a career pathway. Students will also study business economic systems, forms of organizational structure, business ownership, planning and control. Using companies as a backdrop, students will analyze industries and their current trends to further assist in developing a career pathway. This course is highly recommended for all 9th graders.

S - *INVESTING AND THE STOCK MARKET

#6051140

All grades

Students will be given the opportunity to explore various vehicles for investing, including stocks, bonds, and mutual funds. Students will learn the fundamentals of these investment options and will explore associated risks and rewards of investing. This course will explore the stock market and publicly traded companies and their stock performance. Students will participate in a stock market investing simulation where they will be given the opportunity to select and track a stock portfolio over a period of time.

H - *MARKETING I

#6020003

10th, 11th, & 12th grades

Marketing is all around you! We are all marketed daily, from your social media feed to word-of-mouth promotions. In this semester's journey, students will make an exciting introduction to the world of marketing and how it is needed for both personal and business success. Marketing I prepares students interested in employment or in further study of careers in social media marketing, business management, finance, and merchandising. Students will perform business analytics, create marketing campaigns, and experience hands-on learning through campus and professional engagements.

H - *MARKETING STYLE

#6023140

9th, 10th, & 11th grades

Prerequisite: Successful completion of *Intro To Business formally known as *Gaels Mean Business/ or concurrent enrollment

Marketing Style is designed for students interested in the field of Fashion Marketing; the retailing area that specializes in the buying, displaying, promoting, and selling of fashion-related goods and services. Careers in fashion marketing, selling, case studies, fashion promotion plans, and displays are examined, while students create original presentations designed to market fashions to the class. Guest speakers, along with optional involvement in DECA's annual Fashion Show as well as the development of fashion products for our campus school store Gael Goods, allow the student to apply case study based learning to practical, hands-on applications.

H/S - *PERSONAL FINANCE

#6064420

10th, 11th, & 12th grades

The average graduate has a range of \$20,000 to \$60,000 in student loan debt. This course examines the financial planning, management and investment needs of individuals and households using a virtual simulation environment. Students will become experts in financial literacy pertaining to personal budgeting, paying for education, credit cards, credit score, banking, loans, homeownership, insurance and investing. Upon successful completion of the course, students will have a concrete understanding of finance as it relates to themselves, others, and the economy around them both domestically and globally. Students will leave this class with the ability to create comprehensive financial plans, budgets, and with a mindset of a well informed and purposeful consumer. These skills will establish a healthy relationship with money that will have lifetime benefits. *Satisfies requirement in financial literacy.*

S - *SCSU CRITICAL THINKING IN FINANCE FIN 200 (3 SCSU CREDITS)

#6024015

11th & 12th grades

The basic concepts of financial and business decisions and the structure of financial markets are covered: the Federal Reserve and the financial system, the corporate financial environment, the stock, and the bond markets, the sub-prime financial crisis, financial regulations and ethics, executive compensations, credit cards, student loans, retirement plans, international finance, and corporate social responsibility. *Satisfies requirement in financial literacy.*

H - *SCSU INTRODUCTION TO SPORT MANAGEMENT SMT 271-01 (3 SCSU CREDITS)

#6021025

11th & 12th grades

This course is a study of the historical evolution of the field of sport management, with particular focus on current practices, issues, and trends that arise in a variety of sectors of the ever-growing sports industry. Students will also explore career opportunities available in sport management. This course will enhance students' written and verbal communication skills, critical thinking skills, and the ability to discuss and formulate an informed position on various issues in today's sport environment. Students learn how fundamental principles and structures in management, marketing, law, finance, and other administrative functions interrelate as components in a sports organization's overall operation.

S - *SCSU PRINCIPLES OF FINANCIAL ACCOUNTING ACC 200 (3 SCSU CREDITS)

#6021045

10th, 11th, & 12th grades

Financial accounting theory and practice are oriented toward the use of financial statements for decision making. Accounting transactions are analyzed, recorded, and summarized for the preparation of general purpose financial statements by generally accepted accounting principles.

H- *SPORTS AND ENTERTAINMENT MARKETING

#6024140

All grades

Come explore the power that renowned athletes and entertainers have in building commanding brand equity and in influencing consumers. Study the incredibly dynamic and fast-paced world of marketing and the various strategies employed by sports and entertainment companies in their quest for market dominance. Explore the exciting and ever-changing role of sports agents and the respective challenges they face in this role. Discussion of movies, music, pop culture and theme parks across the globe will play a large part in this course.

Prerequisite: Successful completion of *Gaels Mean Business or concurrent enrollment

H-*UCONN ECONOMICS 1000—ESSENTIALS OF ECONOMICS (3 UCONN CREDITS)

#2067345

11th & 12th grades

Prerequisite: Successful completion or simultaneous enrollment in Algebra II and Geometry are required, as well as UConn application

Economic concepts to be taught include opportunity costs, demand and supply, incentives, comparative advantage, inflation, employment policies, the balance of international payments, and economic growth at the micro and macro level. UCONN ECON 1000 is an engaging early college experience that helps students prepare for career pathways in finance, economics, and business management while earning transferable college credit. *Satisfies requirement in financial literacy.*

LIBRARY/MEDIA

S - *RESEARCH, DESIGN, AND CAREER DEVELOPMENT IN THE DIGITAL AGE

#6052240

All grades

This half-year course is designed to give students a hands-on experience that will increase their knowledge while developing invaluable study, research, and technology skills. Students will investigate a career topic of their own interest while simultaneously learning strategies that will allow them to use a variety of traditional and digital information tools. This course will give students an important introduction to a vast array of credible and questionable sources that they will evaluate while creating a final paper.

H - ADVANCED PLACEMENT SEMINAR

#5002225

10th, 11th, & 12th grades

This foundational course engages students in cross-curricular conversations where they can explore academic and real-world topics by using an inquiry framework. Students practice reading and analyzing articles, research studies, foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver presentations. Ultimately the course aims to equip students with the power to analyze and evaluate information with accuracy in order to craft and communicate evidence-based arguments.

H - ADVANCED PLACEMENT RESEARCH

#5003335

11th & 12th grades

This course allows students to deeply explore the academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. The goal is for students to further skills acquired in AP Seminar by understanding research methods; employ ethical research practices; and analyze and synthesize information as they address a research question. *Successful completion of AP Research fulfills the Capstone graduation requirement.*



PHOTOGRAPH BY WILLIAM SCHIAPPA

PHYSICAL EDUCATION

PHYSICAL EDUCATION & WELLNESS

An effective physical education/wellness program is an integral part of every student's formal educational experience. Opportunities to develop basic physical skills as well as a positive attitude towards exercise, as it relates to good health, are provided. All students are required to pass 1 full credit of physical education/wellness. In addition, all students must pass at least 1 full credit of health education prior to graduation.

P/W - *PHYSICAL EDUCATION

(A OR B DAY IF SCHEDULE HAS SCIENCE LAB)

#8005150

(SEMESTER COURSE IF SCHEDULE WILL NOT HAVE A SCIENCE LAB)

#8006260

All grades

This course is designed to give students an overview of fundamental skills in a variety of sports and games, as well as fitness concepts and conditioning techniques for maintaining optimal physical fitness. The goal of this course is to help students become more responsible for their overall health and well-being through a variety of activities. In order to be successful in the class, students must be properly prepared for class, participate, and complete course assessments.

P/W - *STRENGTH AND CONDITIONING

#8065140

This course will run A days or B days

10th, 11th, & 12th grades

Prerequisite: Successful completion of *Physical Education

The objective of this strength and conditioning course is for students to learn about the principles of exercise science including proper warm-up and cool-down methods, exercise testing, spotting procedures, muscle groups, and proper exercise techniques. Students will design and participate in an individualized conditioning program focused on strength and power training. It is our goal that students will take what is learned in this class and use it for lifelong fitness programming.

P/W - *UNIFIED PHYSICAL EDUCATION AND HEALTH

#8022010

This course will run A days or B days

10th, 11th, & 12th grades

Prerequisite: Successful completion of *Physical Education

Unified Physical Education is a course designed for students with a firm grasp on basic sports and fitness skills who are interested in developing leadership skills and learning to work collectively with students with limited ability. Students enrolled in Unified PE are paired with students with intellectual and/or physical disabilities. The transformative power of sport and games to instill confidence, improve health, and inspire a sense of competition will be the core of what this Unified course will strive to instill. The course will also provide students with current health issues including decision-making skills, stress management, healthy relationships, nutrition, human growth and development, personal health and safety, substance abuse, and disease prevention. This course will be a semester .5 PE credit course. Criteria for being accepted will include recommendation from a physical education teacher.



HEALTH & SAFETY EDUCATION

HEALTH & SAFETY EDUCATION

H&S - EMERGENCY MEDICAL TECHNICIAN

#8060010

10th, 11th, & 12th grades

*Prerequisite: *Health Education*

An Emergency Medical Technician (EMT) is an emergency responder trained to provide emergency medical care to the critically ill or injured. EMTs can also provide First Responder care as part of their job function as a firefighter, police officer, or some other Public Safety profession. EMTs are trained in entry-level emergency medical care including the critical skills necessary for rapid response initial patient assessment and treatment, patient immobilization, patient extrication and movement, and transportation. This course includes all the necessary education and skills needed to qualify for the State of Connecticut and National Registry EMT Certification Exam(s). Upon successful completion of the course, students will be eligible to take the State and National EMT exam. Once certified, students will be eligible to work as an EMT in the State of Connecticut and/or qualify to work in many other states throughout the country. Students must be at least 16 years of age by the last day of class. They must complete all online exams, hands-on skill assessments, and complete 10 hours of clinical ride time on the ambulance.

H&S - FIREFIGHTER

#8060020

10th, 11th, & 12th grades

*Prerequisite: *Health Education*

Firefighter I is the basic entry program for interior firefighting. Students will learn about fire behavior, building construction, ventilation, hose advancement, communications, water supply, forcible entry, and hazardous materials operations. The program is designed to provide an orientation to the fire service with the necessary theory and hands-on applications required to become a firefighter. Upon successful completion of the program, students will be eligible to take the State of Connecticut written and practical skills exam to become a certified firefighter in the State of Connecticut upon obtaining the age of 18. Students must be at least 16 years of age to participate in the training and be able to obtain medical clearance to perform the essential duties of firefighting and to wear respiratory protection. To further their studies and skills development while assisting their community, students will also be able to join a Shelton volunteer fire company with parental permission at the age of 16.

H&S - *FIRST AID, CPR, AND PERSONAL SAFETY

#8060440

10th, 11th, & 12th grades

*Prerequisite: *Health Education*

This health course will give fundamental principles and knowledge of and skills in CPR, first aid, and accident prevention. It prepares persons to care for most injuries and to meet most emergencies when medical assistance is delayed. Cardiopulmonary Resuscitation (CPR) instruction will be provided for all students enrolled in the first aid course. This class will include the health curriculum mandated by the State of Connecticut and will also meet the SHS graduation requirement. At their own financial expense, students will have the option of receiving official CPR/First Aid Certification through the Red Cross following successful completion of the course.

H&S - *HEALTH EDUCATION

#8054140

9th grade

This course provides accurate information about current health issues of concern to adolescents including conflict management, decision-making skills, stress management, healthy relationships, nutrition, human growth and development, personal health and safety, drugs, alcohol, and disease prevention. *This is the prerequisite course for all other health classes.*

H&S - *NUTRITION FOR HEALTH

#8055140

10th, 11th, & 12th grades

Prerequisite: *Health Education

This health course presents in-depth, contemporary, scientific information on nutrition, fitness, injury, and chronic disease prevention through proper diet and exercise. The objective is to build awareness of ways to preserve optimal lifetime health. Ideally, this course is designed for a student with an interest in nutrition and exercise. The course pertains to those who have an interest in overall health and fitness, who may be working toward a career in the medical field, or looking to improve their overall diet and fitness level, along with building a personal health and fitness plan to enhance their daily performance in life.

H&S - *PERSONAL HEALTH

#8064140

10th, 11th, & 12th grades

Prerequisite: *Health Education

This health course will focus on the many activities for managing stress for a healthy lifestyle. A combination of physical activity, recreational activity, healthy eating practices, life skills, and fitness concepts will be reviewed to help students develop an optimum level of health through the balance of stress. Students will experience and learn the benefits of movement and breathing as great ways to relieve stress. Active participation is a requirement for successful completion. At the conclusion of this class, students will understand the significance of a healthy lifestyle. Participants will become advocates in the pursuit of optimal health.

H&S - *SCSU INTRODUCTION TO EXERCISE AND SPORT SCIENCE HMS 160 (3 SCSU CREDITS)

10th, 11th, & 12th grades

#8024015

Prerequisite: *Health Education

This course provides a foundation to the human performance discipline in the health and movement sciences field, highlighting history, role, and scope of the sub disciplines (exercise physiology, biomechanics, exercise nutrition, strength and conditioning, sport psychology, exercise prescription, motor behavior). Students are introduced to the profession of human performance including practical demonstrations of the sub disciplines, career opportunities, professional certification, basic research techniques, and scientific writing. Students will learn basic academic requirements of obtaining employment in the fitness, clinical, or strength and conditioning environment.





WORLD LANGUAGES

WORLD LANGUAGES

Although only one year is required, knowledge of a world language is a highly desirable skill for both the college-bound student and the student entering the workforce. Generally speaking, students are encouraged to take three or four years of one world language rather than two years of two world languages to satisfy college requirements.

Students are required to take 1 credit in World Languages.

A student who earns a grade of “D” or better for the year must advance to the next year of the same language or choose to begin a new language. However, if a student receives an F, he/she must either repeat the same course during the summer or during the school year or start a new language. Students advancing from Language III to Language IV are encouraged to have the recommendation of their current World Languages teacher.

WL - INTRODUCTION TO FRENCH LANGUAGE AND CULTURE

#1524020

All grades

Introduction to French Language and Culture will allow students to develop the necessary foundation in both the French language and Francophone cultures at a pace necessary for student success. The course will begin by exploring where French is spoken worldwide. The students will situate themselves globally before getting into the fundamentals of basic communication, culture, and literacy. Students who have successfully completed French I are not eligible for this course.

WL - FRENCH I

#1511140

All grades

This course is designed to introduce students to the French language and to help students to communicate at the novice level. The cultures of several Francophone countries are explored. Focus is on all four language skills: listening, speaking, reading, and writing.

WL - FRENCH II

#1512140

All grades

Prerequisite: Successful completion of French I

This course will continue to develop and improve the French language communication skills students acquired in French I. Students will begin to communicate at the novice mid/high level. Culture will continue to be an integral part of the course, as the culture of additional Francophone countries will be explored. Focus is on all four language skills: listening, speaking, reading, and writing.

WL - FRENCH III

#1513240

10th, 11th, & 12th grades

Prerequisite: Successful completion of French II

This course will continue to develop and improve the French language communication skills students acquired during French I and II. Students are expected to achieve a greater command of the language

at the intermediate low level. Culture of several Francophone capital cities will be explored. Focus is on all four language skills: listening, speaking, reading, and writing.

WL - FRENCH IV

#1520020

11th & 12th grades

Prerequisite: Successful completion of French III

This course will continue to develop and improve the French language communication skills students acquired during French I, II, and III. Advanced structures and composition are an integral part of this course. Students should be performing at the intermediate low/mid level. Culture and history of several Francophone countries and regions will be explored. Focus is on all four language skills: listening, speaking, reading, and writing.

WL - UCONN FRENCH 3250—GLOBAL CULTURE I (3 UCONN CREDITS)

#1522015

11th & 12th grades

Prerequisite: Successful completion of French III/UCONN Application

This course is an intense study of oral French which focuses on oral techniques of communication in conjunction with weekly topics of conversation associated with various francophone cultures. Rigorous and active oral practice through dialogues, interviews, round tables, and oral reports is required.

WL - UCONN FRENCH 3268—GRAMMAR AND COMPOSITION (3 UCONN CREDITS)

#1524015

11th & 12th grades

Prerequisite: Successful completion of French III

This course is an advanced study of French texts. It will include extensive written practice in a variety of forms ranging from compositions to essays, summaries, and film reviews.

WL - INTRODUCTION TO ITALIAN LANGUAGE AND CULTURE

#1524030

All grades

Introduction to Italian Language and Culture will allow students to develop the necessary foundation in both the Italian language and culture at a pace necessary for student success. The course will begin by exploring where Italian is spoken regionally and worldwide. The students will situate themselves globally before getting into the fundamentals of basic communication, culture, and literacy. Students who have successfully completed Italian I are not eligible for this course.

WL - ITALIAN I

#1501140

All grades

This course is designed to introduce students to the Italian language and to help students to communicate at the novice level. The cultures of several Italian regions are explored. Focus is on all four language skills: listening, speaking, reading, and writing.

WL - ITALIAN II

#1502140

All grades

Prerequisite: Successful completion of Italian I

This course will continue to develop and improve the Italian language communication skills students acquired in Italian I. Students will begin to communicate at the novice mid/high level. Culture will continue to be an integral part of the course, as the culture of additional Italian regions will be explored. Focus is on all four language skills: listening, speaking, reading, and writing.

WL - ITALIAN III

#1503240

10th, 11th, & 12th grades

Prerequisite: Successful completion of Italian II

This course will continue to develop and improve the Italian language communication skills students acquired during Italian I and II. Students are expected to achieve a greater command of the language at the intermediate low level. Culture of several Italian capital cities will be explored. Focus is on all four language skills: listening, speaking, reading, and writing.

WL - ITALIAN IV**#1504340**

11th & 12th grades

Prerequisite: Successful completion of Italian III

This course will continue to develop and improve the Spanish language communication skills students acquired during Italian I, II, and III. Advanced structures and composition are an integral part of this course. Students should be performing at the intermediate low/mid level. Culture and history of several Italian regions will be explored. Focus is on all four language skills: listening, speaking, reading, and writing.

WL - INTRODUCTION TO SPANISH LANGUAGE AND CULTURE**#1520000**

All grades

Introduction to Spanish Language and Culture will allow students to develop the necessary foundation in both the Spanish language and Hispanic cultures at a pace necessary for student success. The course will begin by exploring where Spanish is spoken worldwide. The students will situate themselves globally before getting into the fundamentals of basic communication, culture, and literacy. Students who have successfully completed Spanish I are not eligible for this course.

WL - SPANISH I**#1521140**

All grades

This course is designed to introduce students to the Spanish language and to help students to communicate at the novice level. The cultures of several Spanish-speaking countries are explored. Focus is on all four language skills: listening, speaking, reading, and writing.

WL - SPANISH II**#1522140**

All grades

Prerequisite: Successful completion of Spanish I

This course will continue to develop and improve the Spanish language communication skills students acquired in Spanish I. Students will begin to communicate at the novice mid/high level. Culture will continue to be an integral part of the course, as the culture of additional Spanish-speaking countries is explored. Focus is on all four language skills: listening, speaking, reading, and writing.

WL - SPANISH III**#1523240**

10th, 11th, & 12th grades

Prerequisite: Successful completion of Spanish II

This course will continue to develop and improve the Spanish language communication skills students acquired during Spanish I and II. Students are expected to achieve a greater command of the language at the intermediate low level. Culture of several Spanish-speaking capital cities will be explored. Focus is on all four language skills: listening, speaking, reading, and writing.

WL - SPANISH IV**#1524340**

11th & 12th grades

Prerequisite: Successful completion of Spanish III

This course will continue to develop and improve the Spanish language communication skills students



acquired during Spanish I, II, and III. Advanced structures and composition are an integral part of this course. Students should be performing at the intermediate low/mid level. Culture and history of several Spanish-speaking countries and regions will be explored. Focus is on all four language skills: listening, speaking, reading, and writing.

WL - UCONN SPANISH 3178—INTERMEDIATE SPANISH COMPOSITION (3 UCONN CREDITS)

11th & 12th grades

#1528345

Prerequisites: *Successful completion of Spanish III/UConn Application*

This college course provides a thorough review of grammar and methodical practice in composition leading to a command of practical idioms and vocabulary. Students will analyze different literary texts to improve their grammar and vocabulary.

WL - UCONN SPANISH 3179 – SPANISH CONVERSATION: CULTURAL TOPICS

(3 UCONN CREDITS)

#1529345

11th & 12th grades

Prerequisites: *Successful completion of Spanish III/UConn Application*

This college course provides an in-depth development of speaking skills through cultural readings, group discussions and oral presentations on selected topics concerning the Spanish-speaking world.





SPECIAL SERVICES

SPECIAL SERVICES

Shelton High School offers a continuum of Special Education and related services to meet the individual needs of identified students. In accordance with the Individuals with Disabilities Education Act (IDEA) students receive their instruction in the Least Restrictive Environment (LRE). Related services are offered to those students requiring specialized therapy and include: Physical Therapy; Occupational Therapy; and Speech & Language Therapy. Recommendation to all Special Education classes is made via the Planning and Placement Team (PPT) process. Placement options include:

ADJUSTED CURRICULUM

Special Education staff delivers instruction to special education students in the four core subject areas, study skills, life skills, and proficiency courses.

THERAPEUTIC SUPPORT CLASSES

Students in this classroom are monitored in the areas of self-control, responsibility and interpersonal skills. Core academic classes also are offered in this classroom.

COLLABORATIVE CLASSES

Special Education and general education staff work together to deliver instruction in classes comprised of special education and general education students.

Life Skills I, II, III, IV, Career Explorations, and Work Experience classes are offered.

THESE COURSES ARE AVAILABLE FOR THOSE STUDENTS WHO, BY PPT, ARE DETERMINED TO BE ELIGIBLE FOR SPECIAL SERVICES.

Students should meet with their case manager to confirm appropriate courses and levels.

H - *ACADEMIC SEMINAR

All grades

FALL #902002
SPRING #902003

This class will allow for concentrated instruction, practice, and guidance in reading, writing, math, and executive functioning skills that will support students participating in all levels of general education English, as well as focus rigorously on goals and objectives. This class will be taught by a special education teacher and will meet every day as determined by the PPT. Enrollment in this class is determined by PPT.

S - BIOLOGY

9th & 10th grades

#902222

This course involves the study of fundamental concepts starting from protists to plants and animals and finally to man. Upon completion of this course, the student should be aware of the basic concepts of Biology. Laboratory experiences are added where applicable and deal with practical demonstrations for the student.

H - *CIVICS

#908024

11th & 12th grades

The goal of this course is to prepare young Americans to understand and carry on the fundamentals of our American Republic. This half-year course focuses on the study of what it means to be a responsible, knowledgeable, participating citizen and blends the study of our nation's constitutional history with the structure of our government and its laws. Students will study how ideas about government change over time, and how these ideas apply to current issues impacting our society. The State of Connecticut has made this a required course for students.

S - CONSUMER MATH

#901634

11th grade

This course is intended to provide students with the basic skills to maintain their personal finances related to income, shopping, and general living expenses. The mathematics of sales tax, discounts, interest, installment buying, unit pricing, budgeting, and travel will be covered.

H - ENGLISH I/II

I (#900111), II (#900222)

9th & 10th grades

The English program emphasizes real life skills utilizing written and oral expression, creative writing and literature and pleasurable reading. These courses meet the objectives of the English program as they apply to ninth and tenth grade students and their individual needs.

H - ENGLISH III/IV

III (#900333), IV (#900444)

11th & 12th grades

The English program emphasizes real life skills utilizing written and oral expression, creative writing and literature and pleasurable reading. These courses meet the objectives of the English program as they apply to eleventh and twelfth grade students and their individual needs.

S - ENVIRONMENTAL SCIENCE

#902332

9th & 10th grades

This course will explore the issues that make up the study of the environment through an examination of current issues and topics. Subject material will include history of Earth, Earth's systems, weather and climate, human sustainability, and ecosystems.

S - ESSENTIALS OF MATH

#901024

10th grade

This course focuses on specialized math skills dependent on student ability and need. Problem solving, reasoning, computing and estimating problems and skills are addressed in a real-world context.

H - LIFE SKILLS

I (#904011), II (#904124), III (#904234), IV (#904344)

All grades

These courses are designed to assist students in enhancing self-determination and self-advocacy skills. Activities may focus on increasing student's self-awareness, social/communication and assertiveness skills, independent living skills, problem-solving skills, decision-making skills, goal setting and knowledge of one's rights and responsibilities.

S - MATH FOR EVERYDAY LIVING

#901034

9th grade

This course focuses on specialized math skills dependent on student ability and need. It stresses basic math skills needed to function in today's world. This may include addition, subtraction, multiplication,

division, as well as fractions, decimals, percents, and becoming proficient with a calculator.

H - MODERN WORLD HISTORY

#903222

9th grade

This course will study material from the French Revolution to the present. It may include map skills and current events.

S - PHYSICS/CHEMISTRY

#902434

11th & 12th grades

This course provides a half-year each of chemistry and physics. The program is geared to practical aspects of these sciences including force and work, mechanical advantage, electricity, matter and energy, the Periodic Table, atoms, and chemicals and their formulas. Laboratory experiences are added where applicable and deal with practical demonstrations for the student.

H - READING FOR DECODING AND ENCODING

#903314

All grades

This course is for students who have mild to moderate gaps in their decoding and spelling proficiency. It is a word level intervention program with a systematic focus on word structure. Enrollment into this course is by PPT decision.

REAL LIFE APPLICATIONS

#904614

All grades

The purpose of this course is to help the student develop an awareness of appropriate, socially-acceptable behaviors. A counseling component combined with academic support will be provided. Enrollment into this course is by PPT decision for those students in the behavior support program.

SCHOOL TO CAREER

#900601

12th grade

This course focuses on students who are not eligible for state agency services upon graduation, but can be eligible to receive services during the school year. The curriculum will introduce employability skills and will offer students opportunities to work with the Labor Department and BRS/DORS, apply for possible internships, and attend State-sponsored career events. Guest speakers will be incorporated into the classroom instruction. At the conclusion of the class, students will complete a portfolio to keep as a guide/learning tool to assist them in their post-secondary employment.

S - SURVEY OF ALGEBRAIC TOPICS

#901635

11th & 12th grades

Students will engage in the study of algebraic topics with a focus on problem-solving, real world applications, modeling, and the appropriate use of technology. Course content will include the study of real numbers, variables, equations, and data analysis. Students will utilize technology to solve applied problems, create and interpret graphs, and explore Algebraic concepts.

P/W/H&S - UNIFIED PHYSICAL EDUCATION AND HEALTH

#902201

All grades

Unified Physical Education is a course designed for students with a firm grasp on basic sports and fitness skills who are interested in developing leadership skills and learning to work collectively with other students. The transformative power of sport and games to instill confidence, improve health, and inspire a sense of competition will be the core of what this Unified PE course will strive to instill. The course will also provide students with current health issues including decision-making skills, stress management,

healthy relationships, nutrition, human growth and development, personal health and safety, substance abuse, and disease prevention. This course will be a full year .5 PE and .5 health credit.

H - UNITED STATES HISTORY I

#903434

10th grade

This course will study material from the American Revolution to World War I. It will include map skills.

H - *UNITED STATES HISTORY II

#900321

11th grade

This course will study World War II through present times. It may include map skills and current events.

****WORK EXPERIENCE PROGRAM (3 CREDITS)**

#905424

11th & 12th grades

The course is designed to offer Special Education students a “job shadowing” opportunity. It provides a career training experience, which prepares the student for realistic, ongoing and gainful employment best suited to his or her needs, interests, and abilities. All participants must be 16 years of age and recommended by the Planning and Placement Team. This course will be assessed as on-the-job training with a pass/fail grade.

STATEMENT OF NON-DISCRIMINATION

In compliance with Title VI, Title IX and Section 504 of the Rehabilitation Act of 1973, the Shelton Board of Education does not discriminate on the basis of race, creed, color, national origin, age, sex, marital status, or handicap in establishing and implementing hiring and employment practices and establishing and providing school activities and educational programs.

INFORMATION REGARDING SECTION 504 OF THE REHABILITATION ACT OF 1973

Section 504 is an Act which prohibits discrimination against persons with a handicap/disability in any program receiving Federal financial assistance. The Act defines a person with a disability as anyone who:

1. has a mental or physical impairment which substantially limits one or more major life activities (major life activities include activities such as caring for one's self, performing manual tasks, walking, seeing, hearing, speaking, breathing, learning and working);
2. has a record of such impairment; or
3. is regarded as having such an impairment.

In order to fulfill its obligation under Section 504, the Shelton school district recognizes a responsibility to avoid discrimination in policies and practices regarding its personnel, students, parents and members of the public who participate in school sponsored programs. No discrimination against any person with a disability will knowingly be permitted in any of the programs and practices in the school system.

The school district has specific responsibilities under the Act, which include the responsibility to identify, evaluate, and if the child is determined to be eligible under Section 504, to afford access to appropriate educational services. If the parent or guardian disagrees with the determination made by the professional staff of the school district, he/she has the right to a hearing with an impartial hearing officer.

Other persons who feel that they may be entitled to services under Section 504 should contact the



Section 504 coordinator. If they disagree with the resolution offered by the school they may file a grievance. The Family Educational Rights and Privacy Act (FERPA) also specifies rights related to educational records. The Act gives the parent or guardian the right to: (1) inspect and review his/her child's educational records; (2) make copies of these records; (3) receive a list of all individuals having access to those records; (4) ask for an explanation of any item in the records; (5) ask for an amendment to any report on the grounds that it is inaccurate, misleading, or violates the child's rights; and (6) a hearing on the issue if the school refuses to make the amendment. If there are questions, you may contact Erik Martire, Shelton Public Schools Section 504 Coordinator for grades K-12, at 203-922-3004, extension 1551.





ATHLETICS

ATHLETIC COORDINATOR

MR. SCOTT SNELL

ssnell@sheltonpublicschools.org

Athletic Office

CIAC ELIGIBILITY

In addition to requirements based on residency, attendance, personal conduct, and other factors, academic requirements for participation in CIAC athletics are as follows:


You are eligible if you have taken and passed four (4) units of academic work (excluding physical education) in the marking period immediately preceding participation, with a C average or better. Upon issuance of each marking period report card, student athletes whose combined average is less than "C" will be placed on probation. In order to continue to participate after four weeks of probation, the grade average must be raised to a "C" or above.

YOU ARE NOT ELIGIBLE IF YOU:

1. Are not taking at least four (4) units of work or the equivalent. (A unit is a class that meets five (5) periods per week.)
2. Have not passed at least four (4) units or the equivalent at the end of the last marking period as of the official day grades are issued.

NOTE: For fall sports' eligibility, the student must be a continuing student or have received four (4) units or its equivalent towards graduation at the conclusion of the school year preceding the contest. The final academic grade average determines fall eligibility.

In order to participate on an interscholastic athletic team, an athlete must have satisfied all of the scholastic eligibility requirements prior to participation.



PHOTOGRAPH BY WILLIAM SCHIAPPA



NCAA ELIGIBILITY CENTER

In addition to minimum academic eligibility requirements, student athletes who hope to participate in Division I or II college athletics should also consider the requirements of the National Collegiate Athletic Association (NCAA).

Students can learn more about NCAA-approved core classes and minimum GPA and SAT requirements at the NCAA Eligibility Center: <https://web3.ncaa.org/ecwr3/>

The National Collegiate Athletic Association has specific rules to be aware of if you plan to play college sports.


Prospective Division I or II athletes must:

- register with the NCAA Eligibility Center
- meet specific GPA and SAT/ACT requirements
- complete a minimum number of NCAA-approved courses in high school
- have their transcript uploaded to the website after registering.

Please visit [NCAA.org](https://www.ncaa.org) for additional information.



PHOTOGRAPH BY JAMES ZACCAGNINI



**2024
2025**

**DESIGNED BY MS. FREDERICK'S
GRAPHIC ARTS CLASS**

LOGAN BAUDO
ELIJAH CHIDO
KIRSTEN COSTANZO
MIKAYLA DWYER
ALEXANDER GUERRA
DANIEL HILSER
SERENITY HYLTON
EJ LAGARDERE



ILAINA MACARI
ALEXANDER MOZDER
DEMETRIUS PETTWAY JR
ANDRE QUICK
NICK SETUM
MARIAH SLATER
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IMAGES TAKEN BY

SHS YEARBOOK

SCSU DIGITAL COMMUNICATIONS

SHS STAFF