

NEWTON HIGH SCHOOL



Course Selection Guide 2023-2024

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INSTRUCTIONS

1. Carefully read the Course Selection Guide to be sure that you understand the requirements for graduation, course offerings, prerequisites, costs, and content of the courses.
2. The request sheet is to be taken home and signed by your parents/guardians. Return the request sheet to the guidance office at or before assigned date.

PLANNING

This guide lists all the courses offered by Newton High School this coming school year.

The Administration reserves the right to cancel a course due to lack of enrollment or staffing.

You should choose your subjects with extreme care taking into consideration your abilities, interests, needs, and chosen vocation. Your previous school record will indicate, fairly well, your special abilities. You should plan your courses to meet the requirements for your chosen programs at the Upper Valley Career Center and/or the entrance requirements of your chosen college. Be sure to discuss your educational plans with your parents, teachers, counselors, and any others who are interested in your welfare and who may be qualified to give you advice.

In selecting your subjects, pay particular attention to the prerequisites for admission to a course and to the requirements for receiving credit. It is unwise to take an elective for which you have little aptitude or in which you may have difficulty fulfilling the requirements for credit. At the time of registration, you are expected to accept responsibility for meeting the special requirements of the electives you choose. **Once you have made your selections, no changes will be permitted, unless extenuating circumstances are approved by the Principal/Counselor.**

STUDENT RESPONSIBILITIES IN SCHEDULING

It is the student's responsibility to:

1. Investigate the classes in which they will be enrolling so they might develop an understanding of what the classes will be like. Students should talk with teachers, counselors, and other students about these classes prior to enrolling.
2. Insure they are not overloading themselves with classes and that they are registering for the appropriate classes. Schedules will be checked by a counselor for the minimum number of classes and appropriate levels.
3. Discuss their plans with parents and direct any questions or concerns to the counselor prior to the end of the school year. Changes are not permitted after this point.
4. Choose classes in the spring and commit to those classes for the following school year.

PUPIL LOAD

Each student is required to register for core courses and electives that will complete 7 periods per day. Students may only have **ONE** study hall.

GRADE CLASSIFICATION

Assignment to Grade 9	Completion of Grade 8
Assignment to Grade 10	5 credits
Assignment to Grade 11	10 credits
Assignment to Grade 12	16 credits
Graduation Requirements	Total: 22 credits for NHS/UVCC

SCHEDULE REVISIONS

Schedule changes are not permitted once the request sheet is returned and the master schedule is completed. Classes are balanced and courses are offered based on student requests. This request sheet is a commitment by the student to follow a schedule and take all requested classes. A change of heart, change in work ethics, interests or peers are not reasons to change a schedule.

We urge you to be very careful in developing your schedule for it will be difficult to have it changed once it has been finalized. **Your schedule will not be changed unless a course cannot be scheduled, a mistake has been made on the schedule, or it is felt that a change would be in the best interests of all concerned (you, teacher, class size, and school).** Approval by the administration and a parent signature or approval will be required to change a schedule.

NO CHANGES IN SCHEDULES WILL BE MADE THE FIRST DAY OF SCHOOL UNLESS ERROR MADE BY SCHOOL.

No changes initiated by the student (**in particular, no drops-no adds**) will be made in a schedule after the first (1st) three days of the semester. If a student is permitted to withdraw from a course during this time of the school year, no grade will be given. **A student initiated drop/withdraw after the first three days will result in a WF as grade on that transcript.**

Students will not be permitted to select teachers.

COURSE REPEAT

Students who have earned a grade of D in a course may repeat a course but may not earn additional credit toward graduation *by* repeating the course

Students who earn an A, B, or C in the course taken at Newton High School or at a partner IHE (Institute of Higher Education) may not repeat the course for a grade but may retake the course to improve fundamentals necessary for future classes.

Repeating a course should not be primarily used to increase a student's grade point average.

Students who repeat the course and earn a higher grade (A, B, C) forfeit the credit previously earned. However, the previous course with a grade of D will appear on the high school transcript but no credit will be given and only the subsequent grade will be figured in the cumulative grade point average. (*If a student wishes to repeat Algebra 8 and retakes the course as Algebra I, no credit will be given for Algebra 8 and Algebra 8 will not appear on the high school transcript.)

If the original grade was an F then both grades appear on the transcript and both grades will be included in cumulative grade point average.

Students with a D who repeat the course but then earn an F *do* retain credit earned from the previous attempt. In that case, both the original grade and the subsequent grade appear on the student record, and both the original and the subsequent grade will be calculated into the cumulative grade-point average

Transfer and correspondence (home school) courses are not applicable.

All requests for course repeat must be teacher recommendation after a conference with parents and student

If the D is in a course through the College Credit Plus program taken at a partner IHE, the course repeat will be upon recommendation of the advisor at the IHE

Permission form must be completed and signed by the parent to repeat a course. Form is available through the guidance office. Students may retake only one course during high school for grade replacement.

ODYSSEY AND ACES

A student may be assigned to the online credit recovery program: Odysseyware. In this program, students will be assigned to a classroom setting with a teacher and will work to make up the credits in which they are deficient. Students may be charged \$85 for each half credit and \$150 for each full credit which they must make up. Students also may be assigned to the ACES program, an alternative program in Piqua if credit deficiency is sufficient to warrant that assignment. ACES is the Achievement Center for Educational Success. Transportation is provided as ACES is a half day online schooling assignment. Assignment to ACES does not cost the student.

GRADUATION REQUIREMENTS FOR NEWTON HIGH SCHOOL

CREDIT REQUIREMENTS

	<u>NHS</u>	<u>UVCC</u>
English	4	4
Math (1) (6)	4	4
Science (2)	3	3
Social Studies (3)	3	3
Technology	1	1
Health	½	½
Physical Education (5)	½	½
Required Credits	16	15
Electives (8)	6	7
Total Credits for Graduation	22	22

- (1) Including 1 credit of Algebra II or the equivalent
 - (2) Including 1 credit of Life Science, 1 credit of Physical Science, and Chemistry
 - (3) Including .5 credit of World History, .5 credit of American History and .5 credit of Government
 - (4) Includes 2 semesters of fine arts, grades 7-12. (Fine Arts in Grades 7-8 are not high school credits.)
 - (5) **Physical Education Exemption:** High School students who participate in interscholastic athletics, cheerleading, marching band, color guard for 2 completed seasons are exempt from taking Physical Education. This will not be counted as a high school credit however.
 - (6) Algebra 8 is considered a high school credit and is counted in high school grade point average.
 - (7) Financial Literacy: Each student must receive instruction in Financial Literacy.
 - (8) Electives can be chosen from Business/Technology, Social Studies, Science, Language, Fine Arts, English, Math, or Vo Ag.
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- Additionally, every student will have the opportunity to take a nationally-recognized college admission exam (ACT offered at Newton) free of charge in the 11th grade.

Newton High School students must have 22 Credits to graduate.

*Fine Arts – Art (1-4), Band, Choir, Instrumental Music, Jazz Band, Show Choir
 **Financial Literacy – Business Management for Agricultural and Environmental Systems, Agricultural and Environmental Systems Capstone, Accounting, Publishing, Marketing, Stock Market, Economics –
Starting with graduating class of 2026 Financial Literacy will be a stand alone course!

Academic Diploma with Honors

Students are eligible to receive a seal on diploma signifying Honors Diploma. Students qualify at the end of SEVEN (7) Semesters for an Honors Diploma. Students should plan ahead with their schedule if they plan to qualify for the Honors Diploma.

High School Academic Diploma with Honors <i>Students need to fulfill only 6 of the following 7 criteria</i>	
Subject	Criteria
Mathematics	4 units, including Algebra I, Geometry, Algebra II or equivalent and a higher level elective (Statistics, Algebra III, Pre-Calculus, Calculus)
Science	4 units, including chemistry, physics or anatomy
Social Studies	4 units including World History, U. S. History, Government, and 1 elective in Social Studies
Foreign Language	3 units of one language or 2 units each of 2 languages
Fine Arts	1 unit, must count as a High School credit, JH band/choir does not meet this requirement
Grade Point Average	3.5 on 4.0 Scale
ACT/SAT (Excluding scores from writing sections)*	27 or Higher/1280 or Higher

*Please read detailed explanations for each criteria on the next page.

Math – Students must take algebra I, geometry, algebra II (or equivalent), and one other higher level course OR a four-course sequence that contains equivalent or higher content.

Science – Advanced science refers to courses that are inquiry based with laboratory experiences. They must align with the grades 11/12 standards (or above) or with an Advanced Placement science course or entry-level college course (clearly preparing students for a college freshman-level science class, such as anatomy, botany or astronomy).

Social Studies – Students may get credit for both an American history course and/or the Advanced Placement or International Baccalaureate American history course (same for government and world history). If a district counts financial literacy as a social studies course, students can use it as an elective to meet the requirement. If the district counts financial literacy as a family consumer science or business education elective, it does not count.

World Language – Only credits from courses that are sequential and proficiency based (e.g., Spanish levels I, II, III or German I and II and French I and II) fulfill the honors diploma requirement. Sequential classical (e.g., Latin, Ancient Greek) and visual (e.g., American Sign Language) languages DO fulfill the honors diploma requirement. No units from language courses coded as “Foreign Language Exploratory” can count toward the honors diploma requirement. No units from culture-based courses can count toward the honors diploma requirements.

If a student opts to complete this criterion by taking *two units each of two world languages studied*, a student must complete a total of four world language units. This means two sequential, proficiency-based units in two different languages.

Fine Arts – Courses taken in middle school may meet the general graduation requirement of two semesters of fine arts, but a course must count for high school credit (be high school level work or above) to count for the honors diploma. Dance, drama/theatre, music and visual art courses all count as fine arts courses.

GPA – GPAs must be calculated on an unweighted 4.0 scale.

ACT and SAT score requirements – Students must have scores of 27 or higher on the ACT or 1280 or higher on the 2016 SAT or their equivalents on previous or future versions of the tests.

Career Center Diploma with Honors

Career Center Diploma with Honors for Graduating Students need to fulfill only 7 of the following 8 criteria	
Subject	Criteria
English	4 units (all students required)
Mathematics	4 units, including Algebra I, Geometry, Algebra II or equivalent and a higher level mathematics course (all students required)
Science	4 units, including physics and chemistry or anatomy
Social Studies	4 units
Foreign Language	Not counted toward requirements
Fine Arts	Not counted toward requirements
Career-Technical	Now counted in Electives
Electives	4 units of Career Center minimum. Program must lead to an industry recognized credential, apprenticeship or be part of an articulated career pathway which can lead to post secondary credit.
Grade Point Average	3.5 on a 4.0 scale
ACT/SAT Score [excluding scores from the writing sections]*	27 ACT / 1280 SAT
Additional Assessment	Achieve the proficiency benchmark established for the appropriate Ohio Career Center Competency Assessment or the equivalent

The Career Center Diploma with Honors is awarded through the Upper Valley Career Center.

*Writing sections of either standardized test should not be included in the calculation of this score.

Courses Offered at Newton High School 2023-2024

AGRICULTURE AND ENVIRONMENTAL SYSTEMS

Agricultural Education courses make a positive difference in the lives of students by developing their potential for premier leadership, personal growth and career success. Agricultural education instruction is delivered through three major components: 1) classroom/laboratory instruction (contextual learning) 2) supervised agricultural experience programs (work-based learning) and 3) student leadership organizations (National FFA Organization). **The Agriculture and Environmental Systems program is a satellite of the Upper Valley Career Center.**

Agriculture, Food and Natural Resources -920

Course Length: Full Year

Credit: 1.25

Grades: 8-12

This first course in the career field is an introduction to Agricultural and Environmental Systems. Students will be introduced to the scope of the Agricultural and Environmental Systems career field. They will examine principles of food science, natural resource management, animal science & management, plant & horticultural science, power technology and bioscience. Students will examine the FFA organization and Supervised Agricultural Experience programs. Throughout the course, students will develop communication, leadership and business skills essential to the agriculture industry.

Animal and Plant Science -922

Course Length: Full Year

Credit: 1.25

Grades: 9-12

Students will apply knowledge of animal and plant science to the agriculture industry. They will be introduced to the value of production animals relative to the agricultural marketplace. Students will engage in animal classification and selection, body systems, along with animal welfare and behavior in relation to the production of animals. Students will learn principles of plant anatomy and physiology, and the role of nutrition, deficiencies and growing environment on plant production. Throughout the course, business principles and professional skills will be examined.

Mechanical Principles -926 NOT OFFERED IN 2023-2024

Course Length: Full Year

Credit: 1.25

Grades: 10-12

Students will engage in the mechanical principles utilized in animal and plant production systems. They will learn electrical theory, design, wiring, hydraulic and pneumatic theory, along with metallurgy in relation to hot and cold metals. Students will apply knowledge of sheet metal fabrication applicable to the agricultural industry along with identifying, diagnosing, and maintaining small air-cooled engines. Throughout the course, students will learn critical components of site and personal safety as well as communication and leadership skills. ***Business Management for Agricultural and Environmental Systems and Mechanical Principles will rotate on an every other year basis.**

Business Management for Agricultural and Environmental Systems-924

Course Length: Full Year

Credit: 1.25

Grades: 10-12

Students will examine elements of business, identify organizational structures and apply management skills while developing business plans, financial reports and strategic goals for new ventures or existing businesses. Learners will use marketing concepts to evaluate the marketing environment and develop a marketing plan with marketing channels, product approaches, promotion and pricing strategies. Throughout the course, students will apply concepts of ethics and professionalism while implications of business regulations will be identified. (Financial Literacy) ***Business Management for Agricultural and Environmental Systems and Mechanical Principles will rotate on an every other year basis.**

Agricultural and Environmental Systems Capstone -930

Course Length: Full Year

Credit: TBD

Grade: 12

Students apply Agricultural and Environmental Systems program knowledge and skills in a more comprehensive and authentic way. Capstones are project/problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through partnerships, students combine classroom learning with work experience to benefit themselves and others. These can take the form of mentorship employment, cooperative education, apprenticeships and internships. (Financial Literacy)

ART

Art I - 101

Course Length: Full Year

Credit: 1

Grade 9 - 12

Art I is an introductory course in art and design. Students will spend time studying artists, art in cultures, and art interpretation through slides, textbooks, and worksheets. Related art projects to this study using various art media such as pencils, watercolors, acrylic paints, oil pastels, clay, printing, and mixed media will be used by the students.

Art II - 102

Course Length: Full Year

Credit: 1

Grade: 10 – 12

Course Prerequisite: Art I

Art II is an intermediate art course offered to students who have taken Art I. Art II students will continue their study of art through slides, textbooks, and worksheets and then do related projects of various art media at advanced levels of complexity.

Art III - 103

Course Length: Full Year

Credit: 1

Grade: 11 - 12

Prerequisite: Art II

Art III will be an advanced, individualized study of art. Students must have completed Art I and Art II before taking Art III. Art III will be comparable to a studio art class. Art III students will be expected to maintain a portfolio (of which some projects are required) which will be evaluated at the end of each quarter.

Art IV - 104

Course Length: Full Year

Credit: 1

Grade: 12

Prerequisite: Art III (Teacher Recommendation)

Students will utilize past art experiences and individual talents to select special areas of interest. Students will apply art elements, principles, attributes of creativity, originality, interpretations, and expressions to create a portfolio of required and selected projects.

BUSINESS/TECHNOLOGY

A TECHNOLOGY CREDIT IS REQUIRED FOR GRADUATION

Computer Concepts– 110

Course Length: Semester

Credit: 0.5

Grades: 9, 10, 11, 12

This course will build on the four Office applications taught in the jr. high level computer course: Word, Excel, PowerPoint and Access. It will introduce advanced concepts in Word and Excel. Instead of focusing on PowerPoint, Multi-Media presentation programs such as Prezi and SlideRocket (an online program that supports group work and collaboration) will be used. Students will be provided a Gmail account that is on the school server and will be used to learn how to use email as a form of correspondence. Also added will be the use of Google Docs and the cloud.

Accounting – 111 (*fulfills Financial Literacy state requirement) (Only Offered Online)

Course Length: Semester

Credit: 0.5

Grades: 11 – 12

The students learn to prepare financial statements accurately and neatly. Business transactions are analyzed and entered into journals. Ledgers are prepared. Neatness, accuracy, and completion of projects are required. The accounting cycle is completed using automated accounting. This course culminates with a month-long simulation which requires students to apply the skills and knowledge they have acquired. (Financial Literacy)

Publishing I – 105 Publishing II-106 (not a technology credit)

Course Length: Full Year

Credit: 1

Grade: 12

(Teacher Approval Required)

In this course students go through the complete process of planning, financing, designing, and writing both the copy and photographic materials for the school yearbook. Students are given specific responsibilities in regard to the project and are expected to work with other class members in order to turn out a yearbook for publication.

(Financial Literacy)

Web Page Design – 112

Course Length: Semester

Credit: 0.5

Grades: 9, 10, 11, 12

The Internet is quickly becoming the communication tool of the future. If you ever thought about learning about how to design a website, the time is now. Web Page Design offers instruction on creating websites using Dreamweaver CS5. This includes animation, podcasting, and computer graphics. You will create several types of websites including a Web Quest. This class focuses on the design feature of Adobe and writing HTML. Sophomores, juniors and seniors are encouraged to sign up for this exciting class that will prepare you for future endeavors.

Technology – 116

Course Length: Full Year

Credit: 1

Grades: 9, 10, 11, 12

Students will learn technology based knowledge, conceptual understanding, and technology skill development. Address significant understandings that are the basis for students to make technological decisions. Focus on important topics within technology, and update students on the progression of technology in our daily lives.

Advanced Graphic Technology (AGT) – 120

Course Length: Semester

Credit: 0.5

Grades: 9, 10, 11, 12

Graphic Technology is everywhere you look. This course will explore what it takes to create images with the use of computers and the Photoshop program. Basically the first quarter you will learn to use a camera and picture taking techniques. Students will use images from various sources (i.e.: internet, photos, magazines, etc.) and manipulate them together using various tools, filters, and colors, to create the desired effect. Graphic Technology offers an introduction to Turbo CAD engineering based drawing program.

Stock Market: “Making Wise Investments”– 115 (*fulfills Financial Literacy state requirement)

Course Length: Semester

Credit: 0.5

Grades 10, 11, 12

Do you want to make wise investment choices to grow your earnings? The stock market is a good choice to grow your income. In this class, learn how to invest your money in the New York Stock Market and NSDAQ. During the class, you will be involved in a simulation through the Wall Street Journal. In this simulation, students will invest and follow trends and decide to purchase or sell stocks. Speakers will be in to aid in making sound decisions. (Financial Literacy)

Sketch Up – 114

Course Length: Semester

Credit: 0.5

Grades 10, 11, 12

Sketch Up is a 3D modeling program for a wide range of drawing applications such as architectural, interior design, landscape architecture, and civil and mechanical engineering applications. If you are interested in any of the above fields, SketchUp is a great place to start. We start with the basics and work toward creating 3-D building drawings with landscape and interior designs.

ENGLISH

Four credits of English are required for high school graduation. To earn these credits, students are required to take English 9, English 10, English 11, and English 12. Also, COM 121S taken as a college course through Edison does count as an English credit. In each of these classes, students purchase various paperbacks, vocabulary workbooks, and other materials as required by the teacher. None of the English electives can be substituted for the required four credits of English.

English 9 – 141

Course Length: Full Year

Credit: 1

Grade: 9

Prerequisite: Successful completion of 8th grade

English 9 is a required course for high school freshmen. The class consists of the evaluation of short stories, poetry, novels, Shakespearean drama, some non-fiction, and vocabulary. Students will work on writing and speaking skills to help them communicate effectively. The course is designed to improve students' reading, writing, listening, and viewing, visually representing and speaking skills.

English 10 - 142

Course Length: Full Year

Credit: 1

Grade: 10

English 10 is a required course for high school sophomores. The class consists of the evaluation of short stories, poetry, novels, Shakespearean drama, some non-fiction, and vocabulary. The course is designed to help students develop their abilities in reading comprehensively and writing effectively. Emphasis is on world literature.

English 11 - 143

Course Length: Full Year

Credit: 1

Grade: 11

English 11 helps fulfill the English requirement for graduation. In English 11, the works of American authors from the late 17th century to the present are studied. Emphasis is placed upon reading reflectively, writing effectively, speaking clearly and thinking critically. Students are expected to complete a research paper.

English 12 – 144

Course Length: Full Year

Credit: 1

Grade: 12

English 12 helps fulfill the English requirement for graduation. Students read a variety of classical and contemporary literature with an emphasis on British literature. In addition, students engage in various types of analytical writing and maintain a portfolio. English 12 students learn to appreciate the reading/writing/thinking connection and enhance their knowledge of the body of literature that has shaped our society. Students are required to purchase several paperbacks including a vocabulary workbook.

Advanced English 12 – 145(Advanced English is offered as a CCP course through Indiana University.)

Course Length: Full Year

Credit: 2 (1 for W131; 1 for L202)

Grade: 12

W131= minimum GPA of 3.0 and approval from the English Department (If you have already taken English-121s (Composition 1) at Edison, you will not be eligible to receive this for college credit)

L202= Successful completion (C- or higher) of IU English W131 or other successful fulfillment of first-year composition requirement. If not qualifying for W131, L202, course is 1 credit.

This is a College English course that offers instruction and practice in the critical reading and writing skills required for college-level work, with an emphasis on written assignments that call for summary, critique, analysis, and arguments based on sources. The purpose of this course is to prepare students for the rigor of writing throughout college. The focus is on scholarly investigation of sources, critical thinking and reading, learning how to recognize and utilize specific writing strategies, skills and fluency. If you want to challenge yourself and engage in thoughtful reading, research and discussion, this course is for you.

Senior Seminar -168 (Not an English Credit)

Course Length: Full Year

Credit: 0.6

Grade: 12

“Skills beyond High School” Are you ready to go to college? Are you ready to survive on your own? This course will provide you with opportunity to explore what it takes to get into college, how to be successful after high school, and what it takes to be independent. This course will involve applying for college, scholarship search and applications, ACT prep, portfolios for college, career research, resumes, interviewing and other life skills necessary for life after high school.

Communications-140 (Edison COM 121S) COM 121S is an English credit.

Course Length: Semester

Credit: 0.5/1 CCP

Grades 9, 10, 11, 12

Introduction to principles of communication, particularly oral communication. Activities will involve sending and receiving of verbal and non-verbal messages in all contexts, with an emphasis on presentational speaking skills. The course will also have a focus on communicating with technology. **Communications is a Credit Plus class offered here at Newton High School through Edison Community College. Students must enroll in ECC by receiving a qualifying score on the Accuplacer test given by ECC. The course can be taken for 3 hours college credit or can be a high school credit only. Prerequisites include either a 3.0 or higher GPA or a qualifying Accuplacer test.**

Creative Writing-146 (Elective, not English credit for graduation)

Course Length: Semester

Credit: 0.5

Grades 9, 10, 11, 12

This course is designed for the student who wants to explore the writing genres further. Students will develop writing skills beyond standard essays and allow students to expand their writing to different genres such as poetry, memoir, narrative, and many more. Class assignments are diverse and primarily writing heavy, but will involve some reading as well. This class is for students who have a passion for writing or would like to become stronger writers overall.

Career Exploration-150

Course Length: Semester

Credit: 0.5

Grades 10, 11

Primarily for sophomores, unless a student transfers into Newton during or before junior year. YouScience program is utilized as part of a self-assessment. The assessment provides data to support the interests and aptitude of the student. The program provides career pathways that best fit with the interests and aptitude of the student. It also provides colleges that best fit and provide the programs needed for the career pathway the student is interested in. Students will engage in numerous different self-reflection activities to drive their research and preparation for their future endeavors. Students will apply information learned through class to decide on future class and educational choices before graduation. The class will demonstrate how academic achievement and goal setting influences personal and career growth.

Literature through Film- 139 (Elective, not English credit for graduation)

Course Length: Semester

Credit: 0.5

Grades 10, 11, 12

This course will study both film and literature to better understand the craft of story-telling. The class will be made up of a variety of assignments based on reading text and viewing the film counterparts, but will be primarily discussion based in order to comprehend different interpretations and analysis. Students will be introduced to the basics of film and how it is created and interpreted from text. This course will discuss how literary elements of text are transformed using film elements to create visual stories. Students will be taught how to analyze film in similar ways to analyzing text.

Sports Literature -138 (Edison ENG 123S) AKA – Intro to Lit Elective, not English credit for graduation)

Course Length: Semester

Credit: 0.5/1 CCP

Grades: 10, 11, 12

This course will survey a variety of writings about sports including novels, short stories, and non-fiction. Students will explore literature and various media outlets, including sports reporting and play-by-play announcing. Students will learn to respond through class discussions and assigned writings and activities. . **Introduction to Literature (Sports Literature) is a College Credit Plus class offered here at Newton High School through Edison Community College. Students must enroll in ECC by receiving a qualifying score on the Accuplacer test given by ECC. The course does not have to be taken for 3 hours college credit or can be a high school credit only. Prerequisites include either a 3.0 or higher GPA or a qualifying Accuplacer test, AND must have completed ENG -121s (English Comp 1) at Edison prior to registering.**

News Writing I- 146 ; News Writing II- 147 (Elective, not English credit for graduation)

Course Length: Year

Credit: 1

Grades: 11, 12

(Teacher approval required)

News Writing I concentrates on the fundamentals of news gathering and news writing, through instruction and practice. Students will be the staff of Smoke Signals, the Newton High School newsletter, and be required to do the announcements in the morning. *(Prerequisite for News Writing II: News Writing I)*

ACT Prep-136 (Only Offered Online) (Elective, not English credit for graduation)

Course Length: Semester

Credit: 0.5

Grades: 10, 11, 12

After this course, you will have all the information you need to register, study for, and hopefully do well on the ACT. Understand the purpose of the ACT and how to register. Describe the testing process. Outline strategies for preparing for the test. Make a personal best plan for the days leading up to the exam

SPANISH

Spanish I - 151

Course Length: Full Year

Credit: 1

Grade: 9, 10,11,12

Prerequisite: Minimum of a C in English 8

This is an introductory course to the Spanish language. The goals of this course are to promote the students' ability to communicate in Spanish and to acquire a foundation in grammar and vocabulary at the beginning level. The Spanish students will develop an awareness of the range of cultural and geographical diversity in the Spanish-speaking world. Throughout the course, the students will practice brief conversations, listening comprehension, reading, and writing. They will do a variety of projects, including skits, oral presentations, written projects, as well as daily written assignments essential for acquisition of a foreign language.

Spanish II - 152

Course Length: Full Year

Credit: 1

Grade:10, 11,- 12

Prerequisite: Spanish I (minimum of C average); Teacher Approval Required

In Spanish II the students will further develop their skills in basic Spanish. The communicative/interactive model introduced in Spanish I progressively demands more oral and written complexity and accuracy in Spanish II. Students expand their range of vocabulary and grammatical proficiency through focused exercises and communication activities including dialogs, presentations and informal conversations. The students will use wide ranges of authentic documents to practice reading skills, and real-life contexts for oral and written communication. Students will do daily written assignments essential for acquisition of a foreign language, as well as oral and written projects.

Spanish III - 153

Course Length: Full Year

Credit: 1

Grade: 10, 11, 12

Prerequisite: Spanish II (minimum C average); Teacher Approval Required

The goal of Spanish 3 is for the students to be able to engage in extended conversation at varying levels of complexity. They will be expected to communicate mostly in Spanish in the classroom. They continue to expand the range of their vocabulary and grammatical proficiency through focused exercises, communication activities, and oral and written presentations. They will also practice reading, writing, and listening comprehension. The students will develop further understanding of Hispanic cultural, historical and geographical topics, through written material in Spanish. They will further develop their reading proficiency by reading Spanish periodicals, poetry, and stories. **(Spanish III is a College Credit Plus class offered here at Newton High School through Edison Community College. Students must enroll in ECC by receiving a qualifying score on the Accuplacer test given by ECC. The course does not have to be taken for college credit and can be a high school credit only. Students receive 3 credit hours in Spanish II for Edison CC. Prerequisites include either a 3.0 or higher GPA or a qualifying Accuplacer test, AND must have completed Spanish I and Spanish II at Newton or completed Spanish-122s at Edison prior to registering.)**

Spanish IV - 154

Course Length: Full Year

Credit: 1

Grade: 12

Prerequisite: Spanish III (minimum C average); Teacher Approval Required

Spanish IV is intended for students interested in an in-depth language experience. The course continues where Spanish III left off, beyond the intermediate level. The students will only communicate in Spanish in the classroom, except on topics of grammar and vocabulary lessons, or how to do a specific assignment. The students will demonstrate proficiency in maintaining extended conversations on a wide variety of topics. They will read articles and stories. They will tell stories, recite poetry, write compositions, research for and make presentations in Spanish. They will read about and discuss a wide variety of topics in Spanish.

World Cultures-155

Course Length: Semester

Credit: 0.5

Grade: 11, 12

World Cultures seeks to provide an appreciation, understanding, and tolerance toward other people through a study of cultures of the world. Students will gain an understanding and appreciation of different cultures and histories from around the world in a fun and informative manner. This course will focus on what makes these cultures unique and how different cultures interact. To do this, we will focus on various geographical and societal regions/groups, identifying how physical features and climate affect people and explore why human beings cluster in specific regions. There will be a strong emphasis on learning country locations and development of map skills throughout the semester/year.

MATHEMATICS

Algebra I - 180

Course Length: Full Year

Credit: 1

Grade: 9

Algebra I is a beginning course in abstract mathematics. The course will deal with the following areas:

1. Positive and negative numbers
2. Equations and inequalities
3. Problem solving - using equations and formulas
4. Operations with polynomials
5. Factoring polynomials
6. Graphing
7. Relations & functions

A scientific calculator is required.

Section 419 is Algebra I for 8th graders and has two periods. It does count as a HS credit and figures into the student's GPA.

Geometry - 181

Course Length: Full Year

Credit: 1

Grade: 9, 10, 11

Prerequisite: Algebra I

Geometry is a developmental course that builds upon previously obtained mathematical knowledge. The following areas will be covered:

- | | | |
|--------------|-------------------------|------------------------|
| 1. Angles | 4. Polygons | 7. Circles |
| 2. Triangles | 5. Areas and Volumes | 8. Constructions |
| 3. Proofs | 6. Ratio and proportion | 9. Coordinate Geometry |

Students are required to have a compass, a straightedge, and scientific calculator. Geometry is required for graduation.

Algebra II – 182

Course Length: Full Year

Credit: 1

Grade: 10, 11, 12

Prerequisite: Geometry

Students must pass Algebra II or equivalent for graduation. Algebra II is a continuation of Algebra I. Areas of study to be covered include:

1. Organization and operation of rational and irrational numbers
2. Operations of polynomials
3. Solutions of equations and inequalities in one, two, and three variables of the first degree
4. Solutions of equations in two variables of the second degree
5. Quadratic Equation Functions and Solving Quadratics

A graphing calculator is required for this course.

Pre-Calculus – 184

Course Length: Full Year

Credit: 1

Grade: 11 - 12

Prerequisite: Algebra II (minimum C average) or Teacher Recommendation

Students planning to go to college and study in the areas of business, engineering or one of the sciences are encouraged to take this course. Also, any student interested in machine trades or electrical trade school could benefit by having this course. Areas of study will include:

- | | |
|---|----------------------------|
| 1. Number systems, including real and complex numbers | 7. Proving trig identities |
| 2. Functions, including trig functions | 8. Polar coordinates |
| 3. Graphing trig and modified trig functions | 9. Sequences and series |
| 4. Solving triangle functions | 10. Limits |
| 5. Vectors and vector operations | 11. Exponential functions |
| 6. Proof using mathematical induction | 12. Logarithmic functions |
| | 13. Derivatives |

A graphing calculator is required for this course.

Calculus - 185

Course Length: Full Year

Credit: 1

Grade: 12

Prerequisite: Pre-Calculus or Teacher Recommendation

The purpose of this course is to enable students to appreciate the beauty of Calculus and to provide a strong foundation that will give them the tools to succeed in future mathematics courses. The course emphasizes a multi-representational approach to calculus, with concepts, results, and problems being expressed geometrically, numerically, analytically, and verbally. A graphing calculator is required for this course.

Statistics – 186

Course Length: Full Year

Credit: 1

Grade: 12

Prerequisite: Algebra II (minimum C average) or Teacher Recommendation

This course will teach students how to organize, analyze and draw conclusions from data. Probability as well as statistical characteristics of data will be discussed. Many real-life applications will be examined by discussing activities based upon realistic data sets. This course will place strong emphasis on conceptual understanding and is intended to help students apply a broad sense of statistical techniques. A graphing calculator is required for this course.

Advanced Quantitative Reasoning (AQR) – 187

Course Length: Full Year

Credit: 1

Grade: 10-12

Prerequisite: Geometry or Teacher Recommendation

Students who are not planning on college or students who plan on going to college and study in elementary education, graphic designs, musical composer, lighting/set designer, technical writer/editor, construction tradesperson, or any other degree that does not require calculus should take this course.

This course is an advanced quantitative reasoning course. Quantitative Reasoning is the application of basic mathematics skills, such as algebra, to the analysis and interpretation of quantitative information (numbers and units) in real-world contexts to make decisions relevant to daily life. Critical thinking is its primary objective and outcome. It emphasizes interpretation, representation, calculation, analysis/synthesis, assumptions and communication.

Consumer Math – 179 (*fulfills Financial Literacy state requirement)

Course Length: Full Year

Credit: 1

Grades: 11-12

Prerequisite: Passing Grade in Algebra II or Advanced Quantitative Reasoning

This course will inform students how individual choices directly influence occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as saving and investing. Students will design personal and household budgets utilizing checking and saving accounts, gain knowledge in finance, debt and credit management, and evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions leading to financial independence. This course will count as a math credit. Consumer Math is not an elective for Honors Diploma.

MUSIC

High School Band - 190

Course Length: Full Year

Credit: 1

Grade: 9, 10, 11, 12

Prerequisite: Grade of C or higher Junior High Band or audition with the Band teacher

The Newton High School Band is open to instrumentalists in grades 9-12. The band season begins in July or August in preparation for the fall competition season. Fall performances are on Saturdays in September and October but do not conflict with fall athletics. In late October the band begins concert season in preparation for a December holiday performance. In 3rd and 4th grading quarter members of the band prepare concert literature for 2 competitive events and a spring performance. Students who participate with the Band are expected to perform their part accurately at a very high level. Commitment and dedication to excellence is stressed at the individual level as well as at the group level. The Band aims to perform at a very high level so that students can be proud of their achievements and convey this pride through performances. Extracurricular practices and performances including weekend events are a course requirement and attendance is part of our standards-based grading. Students who complete 2 academic years of band are able to waive the Phys. Education requirement for High School.

High School Choir - 192

Course Length: Full Year

Credit: 0.5

Grade: 9, 10, 11, 12

High School Choir is open to all students, grades 9-12. Choir is a performance-based course that explores choral music from a wide variety of cultures and time periods through study and performance. The core curriculum emphasizes the basics of vocal technique, sight-reading, and music theory. This ensemble performs in both school and non-school functions such as concerts, community events, and OMEA contests. Occasional extracurricular practices and performances (including some weekends) are a course requirement.

Instrumental Music Studies – 188

Course Length: Full Year

Credit: 1

Grades 9, 10, 11, 12

Prerequisite: Concurrent enrollment in band.

Instrumental Music Studies is a course designed for students who desire to supplement their performance in Band with additional learning about how music works, while developing their skills as a musician through individualized instruction. Instruction is provided in basic music theory, ear training, instrumental technique, and contemporary American musicals.

Color Guard - 191

Course Length: First Quarter

Credit: 0.125

Grade: 9, 10, 11, 12

Color Guard is a physical, dance based activity involving classical and contemporary methods using the body and traditional equipment. Those students interested in participating in the Newton High School Color Guard are accepted by auditions held in late March or early April. As an auxiliary member of the Marching Band, Color Guard members are expected to attend all extracurricular practices and performances. Attendance is part of the standards-based grading. Performances are on Saturdays in September and October but do not conflict with fall athletics. This course is offered only during 1st period in the first quarter grading quarter, after which students will be scheduled into study hall.

Jazz Band-195

Course Length: Full Year

Credit: 1

Grades 9, 10, 11, 12

Jazz band is a supplementary class for students also enrolled in High School Band. Jazz Band is an instrumental course designed to study and perform styles of music native to America by studying works by some of the most celebrated jazz musicians and composers. A unit on improvisation and jazz history will also be included. Due to the difficulty of the music and the demands on the performer, this class should be considered as an advanced ensemble. The ability to read music is considered essential to this class.

“Newton Notables” Show Choir-196

Course Length: Full Year

Credit: 1

Grades 9, 10, 11, 12

“Notables” is a performance-based course where students learn to prepare and perform popular music. Students learn choreography (movement) to songs, text interpretation, facial and body expression, and additional performance skills. This show choir performs in both school and non-school functions such as concerts, community events, and OMEA contests. Before and after school practices and performances (including some weekends) are a course requirement. Members of this ensemble are required to be enrolled in the High School Choir.

PHYSICAL EDUCATION & HEALTH

Physical Education I - 201

Course Length: Semester

Credit: 0.25

Grade: 9

Physical Education I is a required course for all freshmen. Freshman P. E. will cover the following areas:

- | | | |
|----------------------------|-------------|---------------------|
| 1. Badminton | 5. Fitness | 9. Soccer |
| 2. Basketball | 6. Football | 10. Softball |
| 3. Bowling | 7. Golf | 11. Volleyball |
| 4. Decathlon (Tr. & Field) | 8. Mat ball | 12. Weight Training |

Physical Education II - 202

Course Length: Semester

Credit: 0.25

Grade: 10

This course will emphasize physical fitness and strength development. Team and individual sports are covered as well as recreational games. The Presidential Fitness Test will be administered.

Physical Education II is a required course for all sophomores. The following areas will be covered:

- | | | |
|------------------|--------------|----------------------|
| 1. Adventure Ed. | 5. Corn hole | 9. Softball |
| 2. Badminton | 6. Fitness | 10. Soccer |
| 3. Basketball | 7. Football | 11. Ultimate Frisbee |
| 4. Bowling | 8. Golf | 12. Volleyball |

Health - 205

Course Length: Semester

Credit: 0.5

Grade: 9

Health is a **required** freshman course. The following topics will be studied during the semester:

- | | |
|---------------------------------|---|
| 1. Mental/Emotional Health | 7. Family & Peer Relationships |
| 2. Nutrition | 8. Personal Care & Injury Prevention |
| 3. Physical Fitness | 9. Public Health & the Health Care System |
| 4. Infectious Disease/STDs | 10. Adulthood: Living a Responsible Lifestyle |
| 5. Chronic Disease & Disability | |
| 6. Environmental Health | |

**** Physical Education Credit: A student is exempt from taking Physical Education as a graduation requirement under the following conditions: During High School, a student who participates in interscholastic athletics, marching band, or cheerleading for at least two (2) full seasons is exempt from Physical Education. A Physical Education waiver will be given and no high school credit**

SCIENCE

Introductory Physical Science – 210

Course Length: Full Year

Credit: 1

Grade: 9

Physical Science (I.P.S.) is required for all freshmen. This course explores the introductory level of topics normally found in high school chemistry and physics. Areas covered will prepare students for passage of the Ohio Graduation Test. Students will experience lab work, demonstrations and experimentation that are coordinated with a normal classroom delivery of lessons. Topics covered in this course include:

- | | | |
|---------------------|-----------------------|------------------------|
| 1. Matter | 4. The Periodic Table | |
| | | 10. Work & Energy |
| 2. States of Matter | 5. Chemical Reactions | 11. Heat & Temperature |
| | 6. Acids | 12. Waves |
| | 7. Bases & Salts | 13. Sound & Light |
| 3. Atomic Structure | 8. Motion | |
| | 9. Forces | |

Biology – 211 Edison Biology BIO 121 S

Course Length: Full Year

Credit: 1

Grade: 10

Biology is required for all sophomores. This course will provide students with a solid background in the area of life science. Students will experience investigations and lab activities that enhance their learning of the subject material. Areas covered will prepare students for passage of the Ohio Graduation Test.

Topics covered in this course include:

- | | |
|--|--------------------------|
| 1. Classification | 6. Respiration |
| 2. Collection of Specimens & Preserving them | 7. Ecology |
| 3. Plants | 8. Genetics |
| 4. Cells and their Structure | 9. Animal Classification |
| 5. Photosynthesis | |

Biology 121S is a Credit Plus class offered here at Newton High School through Edison Community College. Students must enroll in ECC by receiving a qualifying score on the Accuplacer test given by ECC. Biology can be taken for high school credit only or for dual credit for Edison in which students receive 4 credit hours.

Prerequisites include either a 3.0 or higher GPA or a qualifying Accuplacer test, AND must have completed Algebra I with A's or B's and be concurrently enrolled in Algebra II or a qualifying Accuplacer test.

Chemistry – 212: Indiana University East C101/C121)

Course Length: Full Year

Credit: 1

Grade: 11

Description: This course is eligible for dual-enrollment credit* through Indiana University. (3 credit hours course/2 credit hours lab, C101/C121) In this course, essential principles of chemistry, atomic and molecular structure, bonding, properties and reactions of elements and compounds, stoichiometry, solutions, and acids and bases are all covered. The laboratory portion is an introduction to the techniques and reasoning of experimental chemistry and will utilize scientific probeware, computers, graphing software, and other technology. Emphasis is given to study of physical and chemical properties of inorganic compounds. The class will meet seven times per week.

*Students must have a 2.7 cumulative GPA to receive Indiana University for 5 Hours)

College Credit Plus: Chemistry is offered as a CCP course for students who qualify through Indiana University. The course can be taken for high school credit only.

Physics – 213: Physics Edison: 213A

Course Length: Full Year

Credit: 1

Grade: 12

Prerequisite: C or better in Algebra II and Chemistry 7 periods/week

This course is eligible for dual-enrollment credit* through Edison Community College (5 credit hours, 121S). It is an introductory algebra and trigonometry-based course in mechanics and thermal physics. Concepts of force, torque, energy, momentum, and equilibrium are introduced and used as a basis for solving problems, predicting the behavior of objects and systems, and explaining the ways nature works. Laboratory work will include the use of computers, scientific probeware, graphing software, and other technology. The class will meet seven times per week.

*Students must take Accuplacer and apply to Edison Community College and receive 5 credit hours.

Physics is a College Credit Plus class offered here at Newton High School through Edison Community College. Students must enroll in ECC by receiving a qualifying score on the Accuplacer test given by ECC. Physics is a 5 hour college credit for Edison CC or can be taken as a high school credit only. Prerequisites include either a 3.0 or higher GPA or a qualifying Accuplacer test, AND must have completed Math 123s (Trigonometry) or Math 128s (Pre-Calculus) at Edison prior to registering.

Programming and STEAM Drones – 215

Course Length: Semester

Credit: 0.5

Grades: 10, 11, 12

This is a project-based course offered to sophomores, juniors, and seniors. Computer programming and science, technology, engineering, arts, and math go well together. With this semester course, students will learn how to code with a few programming languages, from a web-based language based on Javascript which was developed for physics students, to a proprietary language designed for drones, to the Python programming language. Throughout the course, the students will be flying a Tello drone using the programs that they write. The class will meet five times per week for one semester.

Advanced Problems in Science – 216

Course Length: Full Year

Credit: 1

Grade: 11 - 12

Prerequisite: Complete two science courses

This is a project-based course offered to juniors and seniors who have completed two science courses. It uses several problem solving techniques while exploring some of the current scientific and social concerns of the day. Problem solving, computer technology, scientific instrumentation, internet, and communication skills will be developed and enriched. Topics in the course will vary with current events, but will include laboratory instrument-computer interfacing, research using the Internet, computer modeling, Junk Science analysis, classic research problem solutions, consumer science, and current research frontiers. The class will meet five times per week.

Anatomy and Physiology – 217

Course Length: Full Year

Credit: 1

Grade: 11 - 12

Prerequisite: B average & above in previous science courses or Teacher Recommendation

Anatomy & Physiology is designed for college bound students and is especially helpful for students who will pursue a career in nursing or other health care occupations. Students should have maintained a B average or above in previous science classes to assure success in this class. Many new terms are used in this course which will make it similar to learning a new language. The class time allotted for this course is not adequate to do the extensive labs that accompany the course. We will, however, do as much lab work as time allows. Topics covered will include:

1. Review of some Basic Biochemical Concepts
2. Review of Cell Structure and Function
3. Tissue Identification and Function
4. Skeletal System
5. Muscular System
6. Integumentary System
7. Nervous System
8. Cardiovascular System
9. Lymphatic System
10. Respiratory System
11. Endocrine System
12. Digestive System

Prerequisites include either a 3.0 or higher GPA or a qualifying Accuplacer test, AND must have completed HS Chemistry at Newton or Chemistry 110s at Edison prior to registering.

Forensic Science-218

Course Length: Semester

Credit: 0.5

Grades 11, 12

Prerequisite: Biology

Forensic science is the application of basic biological, chemical and physical science principles and technological practices to the purposes of justice in the study of criminal and civil issues. This course will present the scientific principles and laboratory and field methods forensic scientists use to solve problems. Students will explore how to collect, handle, and evaluate evidence. Topics studied include crime scene analysis, chromatography, hair and fiber analysis, DNA technology and its uses, toxicology, anthropology, pathology, ballistics, fingerprints, impression evidence, questioned documents, criminalistics and career opportunities. After developing a foundation of knowledge, students will take on the various roles of crime scene investigator, scientists and medical examiner in order to collect and evaluate evidence in a mock criminal investigation.

Robotics – 219

Course Length: Semester

Credit: 0.5

Grades: 10, 11, 12

This is a project-based course offered to sophomores, juniors, and seniors. Engineers and scientists both use robots for a variety of tasks. During the first quarter of the course, students will program and build LEGO Mindstorms robots using the LEGO Mindstorms graphical programming software in order to solve a variety of engineering-style problems. Then during the second quarter of the course, students will use those skills along with scientific probes to build robots that will perform science experiments. The class will meet five times per week for one semester.

Zoology-209

Course Length: Semester

Credit: 0.5

Grades 11, 12

Prerequisite: A or B in Biology or Teacher Recommendation

The zoology course will cover the science of zoology, animal architecture, taxonomy and phylogeny of animals, as well as the major phyla of invertebrates and vertebrates. The course will include lectures, labs, outside reading, presentations, and dissections. Students should have earned an A or B in biology. This course will be challenging but fun.

Computer Science Principles-208

Course Length: Full Year

Credit: 1

Grades 10, 11, 12

Computer Science Principles is a project-based course for sophomores, juniors, and seniors. It introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. More than a traditional introduction to programming, it is a rigorous, engaging, and approachable course that explores many of the foundational ideas of computing so all students understand how these concepts are transforming the world we live in. This course was developed by code.org to help students learn how to write code but also to learn more about the technology-filled world in which they live.

Computer Programming with Scratch-206

Course Length: *Semester*

Credit: 0.5

Grades: 9, 10, 11, 12

Computer Programming with Scratch is a project-based course for students of all ages. It is an introduction to computer science using the programming language Scratch, which was developed by MIT. You will develop video games, interactive stories, animations and more while learning the basics of coding. Scratch is a web-based application and accessible on Chromebooks, PCs, and laptops.

SOCIAL STUDIES

World History - 220

Course Length: *Full Year*

Credit: 1

Grade: 9

This is a required course for all freshmen. This course is a study of modern world events and their impact on western civilizations. It examines the Reformation, the Age of Discovery, the change from absolutism to democracy, the Industrial Revolution, World Wars I and II, the Cold War, and current issues. The emphasis is on European civilization, but there is also attention given to other cultures.

United States History - 221

Course Length: *Full Year*

Credit: 1

Grade: 10

This is a required course for sophomores. The primary objective of the study of our nation's past is to develop attitudes needed for effective citizenship in a democratic society. Since there is extensive material to cover in the course, it has been broken into small review units on the Colonial, Revolutionary War and Birth of the Nation. The following areas will be studied in detail as the core emphasis of the course: The American Civil War and Reconstruction, Industrialization, the beginnings of U. S. Imperialism, World War I, The Great Depression and the events leading up to World War II.

Government - 222

Course Length: *Full Year*

Credit: 1

Grade: 11

This course is required for juniors. This course serves the purpose of preparing our students to become informed citizens in our democratic society. The first unit deals with the foundations of our political system: with the examination of the Declaration of Independence, Articles of Confederation, Northwest Ordinance, Federalist Papers, and the United States Constitution. Plus, major Supreme Court Decisions will be studied for how they are related to our modern times. Next, there are in-depth studies of the legislative, executive, and judicial branches of our national government. Units on the American political process, foreign affairs, and our economic system complete the study of the federal government. Finally, we study state and local government focusing on Ohio, Miami County and Pleasant Hill. The concept of democracy and the rights and responsibilities of each citizen are stressed.

Economics – 223 (*fulfills Financial Literacy state requirement)

Course Length: *Semester*

Credit: 0.5

Grade: 11, 12

The completion of this course can fulfill the Financial Literacy requirement for Ohio Core. Students acquire a working knowledge of major economic concepts, issues and systems in order to develop economic reasoning skills used to make informed choices as producers, consumers, savers, investors, workers, and citizens in an interdependent world. Students will also cover an extensive unit on Personal Finance which will serve the student in the future as he/she makes personal economic choices keeping in mind the direct consequences of those choices. They will focus on saving, investing, and how credit is earned, along with the consequences of debt. The course will give the students an opportunity to economically plan for their first 5 to 10 years after high school. (Financial Literacy)

Psychology - 224

Course Length: *Semester*

Credit: 0.5

Grade: 10, 11, 12

This course is the study of human behavior. The student will discover what psychologists have learned about why people do what they do. The class examines the science of behavior in the development of the individual, perception, learning development, intelligence, emotions, personality development, levels of consciousness, and mental health disorders. The curriculum includes cooperative learning strategies, critical thinking activities, controlled experimentation, small and large group exercises and personal reflection experiences.

History in the 20th Century-226 Edison HST 122S

Course Length: Semester

Credit: 0.5/1 CCP

Grade: 9, 10, 11, 12

This course is a study of the United States from 1900 to current day. The emphasis will be upon major political and economic developments, the historical roots of contemporary social tension, and the expanded role of the United States in world affairs. This class will be designed to add more depth when compared to the standard U.S. History curriculum due to a narrowed scope of time and topics. **History in the 20th Century is a College Credit Plus class offered here at Newton High School through Edison Community College. Students must enroll in ECC by receiving a qualifying score on the Accuplacer test given by ECC. Students can receive 3 hours credit at Edison CC or take the course as a High School Credit Only. Prerequisites include either a 3.0 or higher GPA or a qualifying Accuplacer test, AND must have completed English 9 and English 10 with A's or B's at Newton or a qualifying Reading Accuplacer test.**

Financial Literacy -233

Course Length: Semester

Credit: 0.5

Grades:9, 10, 11, 12

This semester-long course will prepare students to understand financial literacy concepts and helps students become savvy consumers who can avoid scams. It will prepare students to make sound financial decisions, provides an overview of different types of insurance and how they protect individuals, explains how to create budgets and plan for unexpected expenses and provides an introduction to investing. **(Financial Literacy is REQUIRED for all students starting with the graduating class of 2026)**

Religion and Politics in the Modern World – 227

Course Length: Semester

Credit: 0.5

Grade: 10, 11, 12

This course is designed to study and compare the major religions of the world and ultimately tie the connections between these religions through history to the modern political issues of the day. Emphasis will be on the beliefs and practices of each religion with no emphasis placed on a right or wrong way to practice.

Sociology – 225

Course Length: Semester

Credit: 0.5

Grade: 10, 11, 12

This course is designed to acquaint the student with society's influence on social behavior. The students will be involved in discussion of major social groups and how they interact with the rest of society. Areas to be studied include social behavior, institutional dynamics, social change, ethnicity, racial discrimination, group interaction, community organization, the nature of our population and social institutions. The student will gain a global awareness and an understanding of how behavior relates to societal attitudes and pressures.

Street Law – 228

Course Length: Semester

Credit: 0.5

Grade: 10, 11, 12

This class covers criminal and juvenile justice, civil law and torts, consumer protection, family law (divorce, custody, probate), housing law, as well as basic civil liberties and lawmaking. During this course various outside resources will be used to customize the curriculum to student interests.

History through Film-231

Course Length: Semester

Credit: 0.5

Grades 10, 11, 12

Prerequisite: World History and American History

This class will incorporate film as a tool to teach significant historical events, with a focus on American History. The class will begin with the American Revolution and run through the present day. The class will include in-depth research into historical events along with various projects, class discussions, and activities.

COURSES CANNOT BE CHANGED AFTER THE REQUEST SHEET IS RETURNED. PLEASE CONSIDER YOUR CHOICES CAREFULLY. AN ATTEMPT WILL BE MADE TO SCHEDULE ALL COURSES; HOWEVER, A COURSE CANNOT BE SCHEDULED IF THERE ARE INSUFFICIENT REQUESTS. THE ADMINISTRATION RESERVES THE RIGHT TO CANCEL A CLASS DUE TO LACK OF ENROLLMENT.

During scheduling, seniors are given first priority, juniors second, sophomores third, and Freshmen fourth. All late requests or request sheets returned unsigned will be considered last, regardless of the student's grade. On the scheduling sheet, students must choose alternate courses which will be used to complete a student's schedule. Administration/counselor reserve the right to change a student's schedule based on additional testing results and as grades become available. Adjustments to the student's schedule can be made to ensure the student is in the correct level of class.

A student who does not return a request sheet will be scheduled by the counselor.

The English, Math, Science and Social Studies departments will make recommendations for the appropriate course level that should enable students to be more successful. These recommendations should be approved by a parent/guardian. If there is a disagreement regarding the recommendation, the parent/guardian is asked to contact the teacher for a conference.

ACADEMIC COURSE REQUIREMENTS

NINTH GRADE

Phys. Ed. I	Semester	0.25 credit (See Exemption)
Health	Semester	0.5 credit
English 9	All year	1 credit
Math	All year	1 credit
IPS	All year	1 credit
World History	All year	1 credit
Technology Course	All year	1 credit
Electives to fill Seven (7-8) periods. (Recommended to take Financial Literacy in 9 th or 10 th)		

TENTH GRADE

Phys. Ed. II	Semester	0.25 credit (See Exemption)
English 10	All year	1 credit
Math	All year	1 credit
Biology	All year	1 credit
US History	All year	1 credit
Electives to fill Seven (7-8) periods. (Recommended to take Financial Literacy in 9 th or 10 th)		

ELEVENTH GRADE

English 11	All year	1 credit
Math	All year	1 credit
Chemistry	All year	1 credit
Government	All year	1 credit
Electives to fill Seven (7-8) periods.		

TWELFTH GRADE

CP English 12/Adv Eng 12	All year	1 credit
Math	All year	1 credit
Electives to fill Seven (7-8) periods.		

COLLEGE CREDIT PLUS

Overview

College Credit Plus is Ohio's dual enrollment program that provides students in grades 7-12 the opportunity to earn college and high school credits at the same time by taking courses from Ohio colleges or universities. The purpose of this program is to enhance students' career readiness and postsecondary success, while providing a wide variety of options to college-ready students, at no or limited costs to students and families.

Newton High School has a partnership with Indiana University East and Edison Community College. IU East and Edison Community College courses are taught at Newton High School during the regular school day and are taught by certified high school teachers who hold adjunct status with IU and Edison CC. Students may also elect to take courses at Edison Community College in Piqua or take on-line courses through Edison CC.

CCP courses provide both high school and college credit.. Therefore, students are able to fulfill requirements for high school graduation and requirements for college admission while beginning a college transcript.

Benefits for Students:

- Earn dual high school and college credit
- Participate in an enriched and challenging curriculum
- Receive more individualized instruction from teachers trained as adjunct professors
- Experience college-level expectations
- Improve ability and skills to do college work and gain confidence that derives from success in the college level courses
- CCP is no cost to the student

Admission Standards for CCP

- On track toward fulfilling the basic academic preparation for admission to a four year college or university
- Each college will have individual requirements for acceptance into the CCP program, including specific testing for college readiness

Highlights of CC+

All public districts and public Institutions of higher education (IHE) must allow college-ready students grades 7-12, who qualify for college admission to participate.

- Intent to participate must be submitted to high school prior April 1. No late intent forms will be accepted. .
- Convert College Credit as follows: Per CC+ course, 3 or more college credits convert to 1 Carnegie unit. If less than 3 college credits, convert proportionally.
- **Courses must be nonsectarian and non-remedial.**
- **Students who fail or withdraw from a course after deadlines will be billed for the class.**

Credit Requirements for CC+ students

- All Newton students taking college credit courses, on a college campus or online, must be full-time students (12 semester hours). If you are not a full-time student you must attend classes at Newton High School.

College Credits

3,4, or 5 Classes (12 or more hours)
4 Classes (less than 12 hours)
3 Classes (less than 12 hours)
2 Classes (at least 4 hours)
1 Class (at least 3 hours)

Classes at Newton HS

None
1*
2*
3*
4*

*The maximum number of credits (discussed below) may affect the number of classes a student is required to take at Newton HS.

- In order to determine the number of College Credit Plus credit hours a student can take in a year, the secondary school must calculate the number of course credits that are for high school credit only and multiply that by 3. That number is then subtracted from 30 hours. The result is the maximum number of credit hours a student can take in the CC+ program.
- Juniors and Seniors who have 1st, 2nd, 7th, or 8th period study halls will be allowed to enroll in the Dual Learning Option during their study hall time frame, where students will be able to leave campus during that time. However, this time is not to exceed two periods per day and 10 periods per week unless they are taking 3 or more CC+ courses. Students will be required to sign in and out of the office each day in order to maintain accurate attendance records. The students enrolled in the Dual Learning Option will not be counted absent as it is the school's expectation that they will be working on school activities during all school hours and will receive credit for a full day of school. If at any time a student misuses this privilege or fails to maintain a 'B' average, he/she will lose this privilege.

IU East Courses Taught at Newton High School: Chemistry; Advanced English

Edison Courses Taught at Newton High School: Anatomy & Physiology; Spanish III; College Biology; Physics; Introduction to Literature; Communications; History in the 20th Century.

**** UV CAREER CENTER PROGRAMS****

Aerospace Occupations
Ag and Power Technology
Architectural and Mechanical Design
Auto Collision Repair Technology
Auto Services
Auto Technology
Building & Grounds Maintenance
Carpentry
Computer Information Technology
Chef Training
Cosmetology
Culinary Arts
Design and Digital Print
Early Childhood Education & Care
Electrical Trades

Electronics Technology
Environmental Occupations
Heating/Ventilation/Air Conditioning
Graphic Arts
Heating/Ventilation/Air Conditioning
Interactive Media
Landscape Management
Medical Information Management
Medical Technologies
Pre-Engineering Technology Prep
Project Search
Teacher Academy (Sr. Only)
The Discovery Program
Welding Technology
Building Construction

COURSE CONSIDERATIONS

TYPICAL COLLEGE PREP PROGRAM:

<u>9th</u>	<u>10th</u>	<u>11th</u>	<u>12th</u>
English 9	English 10	English 11	CP English 12 or Adv. English 12
Algebra I or Geometry	Geometry or Alg II	Algebra II or	Pre-Calculus or Calculus or
IPS	or AQR	AQR	AQR
Spanish I	Adv. Biology	Pre-Calc	Physics and/or Anatomy
Health	US History	Chemistry	Economics
Phys Ed. I	Spanish II	Government	Electives
World History	Phys Ed II	Spanish III	
Technology	Art	Economics	
Electives	Financial Literacy	Electives	
	Electives		

TYPICAL SATELLITE VOCATIONAL PROGRAM AT NEWTON:

<u>9th</u>	<u>10th</u>	<u>11th</u>	<u>12th</u>
English 9	English 10	English 11	CP English 12
IPS	Biology	Government	Science
Mathematics	Mathematics	Mathematics	Mathematics
Health	Phys Ed II	Chemistry	Vo Ag
Phys Ed I	US History	Art	Electives
World History	Vo Ag	Vo Ag	
Vo Ag	Financial Literacy	Electives	
Technology	Electives		
Electives			

TYPICAL CAREER CENTER PROGRAM:

<u>9th</u>	<u>10th</u>	<u>11th</u>	<u>12th</u>
English 9	English 10	JVS	JVS
Mathematics	Mathematics	Curriculum	Curriculum
IPS	Biology	includes	includes
Health I	U.S. History	Newton	Newton
Phys Ed I	Phys Ed II	requirements	requirements
World History	Financial Literacy		
Technology	Electives		
Electives			