



NMHS ECE Update

2025-2026 NMHS ECE Courses
February 4, 2025

Overview- What is Early College Experience (ECE)?

- An ECE course allows high school students to take college courses and earn college credit while still in high school.
- ECE courses are a type of dual enrollment program that can help students bridge the gap between high school and college.
- ECE courses allow students to earn both a high school diploma and college credits with a high rate of transferability
- Courses offer personalized curricula, created in collaboration with IHEs that are paced over the course of a school year.
- Students can access academic support and materials from cooperating IHE
- ECE courses offer the opportunity to develop a transcript for ALL students at a significantly reduced cost.
- Studies show that students who participate in ECE programs are more likely to graduate from high school and enroll in college.

ECE Fee Structure by IHE

| IHE | 3-credit course |
|--------------|---|
| <i>WCSU</i> | Free through 2025; \$65/3-credit class |
| <i>UConn</i> | \$150 (\$50/credit) |
| <i>SHU</i> | \$135 (\$45/credit) |
| <i>CSCC</i> | Free through 2025 |



List of Proposed ECE for NMHS for 25-26

| Last Name | First Name | Department | Course Title | IHE | Link to Proposal | Will appear in PoS | Slide for T&L Complete? |
|-------------|------------|------------------|------------------------------|----------|-----------------------|--------------------|-------------------------|
| Abraham | Cara | Social Studies ▾ | Microeconomics | WCSU ▾ | HERE | 25-26 ▾ | YES ▾ |
| Abraham | Cara | Social Studies ▾ | Chinese Studies | WCSU ▾ | HERE | 25-26 ▾ | YES ▾ |
| Abraham | Cara | Social Studies ▾ | Middle East Studies | WCSU ▾ | HERE | 26-27 ▾ | YES ▾ |
| Peterson | Colleen | Math ▾ | ECE Statistics | WCSU ▾ | HERE | 25-26 ▾ | YES ▾ |
| Donahue | Steve | Math ▾ | ECE Calculus | WCSU ▾ | HERE | 25-26 ▾ | NO ▾ |
| Wargo | Eileen | Business ▾ | ECE Intermediate Marketing | WCSU ▾ | HERE | 25-26 ▾ | YES ▾ |
| Cox | Jenny | English ▾ | UCONN ECE English | UCo... ▾ | HERE | 25-26 ▾ | NO ▾ |
| Flynn | Mason | PE & Health ▾ | Exercise Physiology | SHU ▾ | HERE | 25-26 ▾ | NO ▾ |
| Pernerewski | Mark | Social Studies ▾ | ECE US History to 1876/ US H | WCSU ▾ | HERE | 25-26 ▾ | YES ▾ |
| Schlicher | Elizabeth | PE & Health ▾ | Early Childhood | NVCC ▾ | Current Course | 25-26 ▾ | YES ▾ |
| Schlicher | Elizabeth | PE & Health ▾ | Child Development | NVCC ▾ | Current Course | 25-26 ▾ | YES ▾ |
| Benson | Christine | PE & Health ▾ | Allied Health Careers | ECSU ▾ | HERE | 26-27 ▾ | NO ▾ |

Chinese Culture

- Summary- A historical-cultural approach to the study of China. Topics include: the land, people, and language systems of China; the evolution of Chinese world views; thought and religions; economic and political institutions; art and literature; family structure and social life.
- IHE- Western Connecticut State University
- Number of Credits-3
- Stand alone or coseat (explain if coseat) - Coseat ECE students with Honors students
- Anticipated budgetary impacts-possible teacher fee for curriculum writing

Middle East Culture

- Summary-A historical-cultural approach to the study of Middle East cultures. Topics include monotheistic religions and culture; the role of Arabic language and literature; geography and politics; the various social classes, including the role of women; the influence of foreign powers; and the origins and development of regional movements, conflicts and crises, including the Palestinian-Israeli conflict.
- IHE-Western Connecticut State University
- Number of Credits-3
- Stand alone or coseat (explain if coseat)-Coseat ECE students with Honors students
- Anticipated budgetary impacts-possible teacher fee for curriculum writing

Microeconomics

- Summary-An introduction to microeconomic analysis of the role of prices in the allocation of resources. Topics include theory of consumer demand, market efficiency, consumer welfare, production cost, profit maximization, theories of firm behavior in different market structures, and international trade.
- IHE-Western Connecticut State University
- Number of Credits-3
- Stand alone or coseat (explain if coseat)-Coseat ECE students with AP students
- Anticipated budgetary impacts-possible teacher fee for curriculum writing

United States History Since 1877

- Summary-An examination of American history since 1877, focusing on major social, political, and economic trends and examining the rise of industry, World War I and the civil rights movement. Competency: Critical Thinking (CT).
- IHE-Western Connecticut State University (HIS 149)
- Number of Credits-3
- Stand alone or coseat (explain if coseat) This class can co-seat with honors or college preparatory US History. It cannot co-seat with Advanced Placement US History, since the scope and sequence are different.
- Anticipated budgetary impacts-possible teacher fee for curriculum writing

Intermediate Marketing

- Summary- This full-year course is designed for high school students seeking college credit. It provides a comprehensive introduction to marketing principles and practices, suitable for students with some basic knowledge of business concepts. It relates to the Common Core by emphasizing a deep understanding of marketing principles and application of critical thinking skills to allow for in-depth exploration of topics and hands-on activities. They will develop their analytical skills and strengthen their leadership and management tools in developing and presenting marketing plans. Students will utilize 21st century thinking skills by utilizing digital marketing tools and techniques. They will also acknowledge their cross-cultural fluency in carrying out business activities and analyze local marketing issues at a global level.
- IHE- Western Connecticut State University
- Number of Credits- 3
- Stand alone or coseat (explain if coseat) - Co-seat with Marketing II since both courses follow the same scope and sequence
- Anticipated budgetary impacts-possible teacher fee for curriculum writing

Statistics

- Summary- A full year course that introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Topics include exploring data, planning a study, regression, probability models, and hypothesis testing. Students will make judgments and draw conclusions about quantitative information, use quantitative principles and methods to solve real word problems, apply appropriate computational procedures to solve problems, explain categorical and quantitative information presented in textual, visual, or notational forms, and present categorical and quantitative and information in clear and appropriate forms.
- IHE- Western Connecticut State University
- Number of Credits- 3
- Stand alone or coseat (explain if coseat) - Coseat with Honors Statistics students
- Anticipated budgetary impacts-possible teacher fee for curriculum writing

Calculus

- Summary- This is a full year course that will serve as an introduction to essential differential and integral calculus concepts. Topics that will be covered will align with the topics taught in the WCSU course MAT- 181. Topics will include but not be limited to: limits, continuity, basic derivative rules, product rule, quotient rule, chain rule for deriving composite functions, implicit differentiation, and applications of derivatives including motion, optimization and related rates questions. In the second half of the year we will cover antiderivative rules, u-substitutions, indefinite integration, definite integration, the fundamental theorem of calculus, and applications of integration including; area and volume questions.
- IHE- Western Connecticut State University: MAT-181 Calculus I
- Number of Credits- 3
- Stand alone or coseat (explain if coseat) - Coseat with Honors Calculus Students
- Anticipated budgetary impacts-possible teacher fee for curriculum writing

English

- Summary- **UConn ECE Introduction to Writing (ENGL 1004)** is a junior English course that helps students build confidence in writing at the college level and prepares them for complex tasks in advanced college composition courses and across college curriculum. Students are introduced to and reinforce writing habits. Course goals include: a) composition projects in response to readings; b) using and expanding prior knowledge; c) collaborative feedback to peers; and d) learning guidelines of ethical scholarship. Instructor support in a small class setting ensures reaching of learning objectives.
- IHE- UConn: ENGL 1004
- Number of Credits – 3
- Stand alone – Stand alone
- Anticipated budgetary impacts-possible teacher fee for curriculum writing

English

- Summary- UCONN ECE English 1007 introduces students to the work of college writing, which includes posing questions, developing sustained intellectual projects, and generating knowledge that invites engagement with wide and varied audiences. Students are introduced to multimodal approaches to composition, and the course will emphasize the elements of effective composition. The UCONN ECE English course includes a studio component that provides additional opportunities for creative and collaborative projects, further preparing students for success in their academic and professional endeavors.
- IHE- UConn
- Number of Credits- 3
- Stand alone or coseat (explain if coseat) - Stand alone
- Anticipated budgetary impacts-possible teacher fee for curriculum writing

Exercise Physiology

- Summary- This is a full year course that will teach students the anatomy, physiology, and kinesiology related to exercise science. Students learn how to write exercise programs and will apply the knowledge and skills to training plans they will implement and practice in the weight room. This course will benefit students who are interested in a career in Strength and Conditioning, or Sports Medicine. Additionally, this course is advantageous for students interested in their personal health.
- IHE- Sacred Heart University/ Introduction to Exercise Science and Introduction to Personal Fitness and Conditioning
- Number of Credits- 3+1 (4 Total)
- Stand alone or coseat (explain if coseat) - Coseat with existing course, Exercise Physiology which is currently being offered at NMHS. Curriculum will be aligned when written, and additional projects and materials will be given to SHU enrolled students
- Anticipated budgetary impacts-possible teacher fee for curriculum writing

Early Childhood RETURNS 25-26

- Summary-

The Early Childhood course introduces students to the foundations of early childhood development. Students begin with the study of family structures from a historical perspective; they explore their own developmental milestones and their effect on growth and development. They learn about prenatal development and the labor and delivery process. Students then begin to explore the many facets of child development from birth to three, gaining knowledge about the milestones in the developmental process. Students also learn the challenges of parenting and the skills necessary to build strong families by completing reflective reading and writing assignments, observing real-life scenarios, and participating in discussions with Peers. The Early Childhood course is open to students in the tenth through twelfth grades. This course is a prerequisite for taking Child Development, the second elective in the child development/human services career pathway. Students who successfully complete this course will be eligible to apply for enrollment in the more advanced Child Development class.

- IHE- CT State CC (Not limited to NVCC)

- Number of Credits- 3

- Stand alone or **coseat** (explain if coseat)

Student's register through the specific IHE, having no effect on course registration at NMHS.

- Anticipated budgetary impacts- This is a current course and is up for revision (last revision was in 2019).

Child Development RETURNS 25-26

- Summary- This junior/senior elective course will provide a foundation in understanding the ways that children develop. It is designed for students interested in becoming child care professionals in such fields as nursing, teaching, psychology or child care. Students will be introduced to the basic philosophies concerning child development including language, motor, social, cognitive and perceptual skills. Students will participate in a 12-14 week hands-on teaching practicum (preschool program). They will observe and interact with children and prepare and present lessons. Outside shadowing of preschool and daycare facilities is required as part of this course. All students must submit an application to the instructor. The Early Childhood course will serve as a prerequisite for students interested in taking the Child Development course.
- IHE- CT State CC (Not limited to NVCC)
- Number of Credits- 3
- Stand alone or **coseat** (explain if coseat)
Student's register through the specific IHE, having no effect on course registration at NMHS.
- Anticipated budgetary impacts- This is a current course and is up for revision (last revision was in 2019).

Allied Health Careers FALL 26-27

Summary:

- This comprehensive year-long elective course is designed for students in grades 10-12 to explore various career opportunities within the healthcare field. The curriculum encompasses topics such as health professions, diagnostic processes, medical terminology, health insurance, contemporary issues in healthcare, medical ethics, effective communication and interpersonal skills, personal health maintenance, diseases and disorders, CPR training, and career decision-making. Additionally, a required job shadowing experience in the second semester provides students with the opportunity to observe professionals in selected healthcare careers.
- IHE- Eastern CT State University - **HSC 100 - Foundations of Health Sciences** (2026-2027)
- Number of Credits- 3
- Stand alone or **coseat** (explain if coseat)
 - Students register through the specific IHE, having no effect on course registration at NMHS.
- Anticipated budgetary impacts- This is a current course and is due for revision (last revision was in 2018).

Next Steps

- Adopt curricula from “sister” schools; write if/where needed
- Create 25-26 program of studies course descriptions “tentative”
- Training for school counselors
- Create & share ECE information for NMHS students & staff
- Offer ECE night for parents & students
- Schedule students FEB-MAR
- Semester 2 math pilot: statistics & calculus
- WCSU new ECE student day (YTBD)
- Anticipate 26-27: ECE Allied Health

- Can ECE students still take an AP?
- Will ECE impact AP enrollment?
- Will ECE courses be co-seated?
- What happens if our ECE teacher retires?
- These ECE fees add up over time?
- Can the IHE fee structures change over time?





Thank you

The text "Thank you" is written in a black, elegant cursive font. The letters are fluid and connected, with a long horizontal stroke extending from the start of the 'T' and another from the end of the 'u'. The text is surrounded by a variety of colorful circles in shades of yellow, orange, pink, blue, and green. Some circles are large and prominent, while others are small and scattered. The overall composition is festive and celebratory.