



EARLY COLLEGE
EXPERIENCE

Medical Sciences III
UCONN ECE Course Syllabus
AH 2001 – Medical Terminology
Newington High School
2026-2027

This course is given in cooperation with the Early College Experience Program at the University of Connecticut ece@uconn.edu, 860.486.1045, ece.uconn.edu

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Credit: 1/2 credit (NHS) 2 credits (UCONN)

Course Description:

Introduction and mastery of medical terminology through presentation of word roots, prefixes, and suffixes. Disease processes, symptoms, diagnosis, and treatments that affect various body systems. Terminology associated with disease processes, symptoms, diagnosis, clinical procedures, laboratory tests, and treatments that affect various body systems.

Course Objectives:

1. Demonstrate word analysis skills to define unfamiliar medical terms when they are encountered by breaking down terms into their combining forms, prefixes, and suffixes.
2. Explain the meaning of medical terms in the context of the structure and function of the human body in health and disease.
3. Name the organs of the various body systems and describe their locations and functions.
4. Identify clinical procedures, laboratory tests, and abbreviations related to each body system or medical specialty.
5. Describe disease processes, symptoms, diagnoses, and treatments that affect the various body systems.
6. Develop the specialized medical vocabulary needed in a clinical setting.

Required Text:

Chabner, D.E. (2017). Medical Terminology Online for the Language of Medicine (11th ed.) St. Louis, MO: Saunders. ISBN: 9780323370813

Course Outline:

Unit 1: Basic Words and Word Structure

Unit 2: Suffixes and Prefixes

Unit 3: Digestive System

Unit 4: Urinary System

Unit 5: Female and Male Reproductive Systems

Unit 6: Nervous System

Unit 7: Cardiovascular System

Unit 8: Respiratory System

Unit 9: Blood and Lymphatic Systems

Unit 10: Musculoskeletal System

Unit 11: Skin and Sense Organs

Unit 12: Endocrine System

Unit 13: Cancer Medicine, Radiology, and Pharmacology

Course Grading Policy:

University of Connecticut: Summary of Course Grading

Course components	Percentage
Required Quizzes (13 @ 10 points each)	20
Unit Assessments (12 @ 25 points each)	60
Midterm Exam (face-to-face, in person)	10
Final Exam (face-to-face, in person)	10
Total	100

Quizzes

Each chapter concludes with a required quiz exercise consisting of ten questions. These quizzes are individual exercises intended to reinforce key concepts covered.

Unit Assessment

There will be a unit assessment for each of the chapters covered, except for Chapter 10- Nervous System. Each assessment will consist of twenty-five questions, in the following formats:

- Multiple choice, or
- Matching

Midterm Exam

The Midterm Exam covers weeks 1 through 6. The midterm exam will be administered in the same format as the assessments (i.e, multiple choice) and will consist of 50 questions.

All students will take the midterm exam. There are no exemptions.

Final Exam

The Final Exam covers weeks 7 through 13. The exam format will consist of 85 multiple-choice questions. *All students will take the final exam. There are no exemptions.*

The final course grading scale (for the UCONN grade) is as follows:

Total Points	Grade	Letter Grade	GPA
416-450	92.5-100	A	4.0
403-415	89.5-92.4	A-	3.7
389-402	86.5-89.4	B+	3.3
371-388	82.5-86.4	B	3.0
358-370	79.5-82.4	B-	2.7
344-357	76.5-79.4	C+	2.3
326-343	72.5-76.4	C	2.0
312-325	69.5-72.4	C-	1.7
299-311	66.5-69.4	D+	1.3
281-298	62.5-66.4	D	1.0
268-280	59.5-62.4	D-	0.7
<267	<59.5	F	0.0

Newington High School

Assessments of Learning	80%
Activities for Learning	20%

100%

(Retakes are not available for UCONN ECE Courses)

To keep track of your performance in this course, refer to PowerSchool, as your grades will be posted in a timely manner.

Student Responsibilities and Resources:

As a member of the University of Connecticut student community, you are held to certain standards and academic policies. In addition, there are numerous resources available to help you succeed in your academic work. This section provides a brief overview of important standards, policies, and resources.

Student Code

You are responsible for acting in accordance with the Newington High School Student Handbook while at NHS. In addition, you need to review and become familiar with the University of Connecticut's expectations for *the Student Code* at

<http://www.community.uconn.edu/studentcode.html> (this addresses what constitutes academic misconduct at UCONN).

Cheating and plagiarism are taken very seriously at the University of Connecticut. As a student, it is your responsibility to avoid plagiarism. Plagiarism is using someone else's words or ideas without proper acknowledgement. It can range from improper citations to submitting someone's written work as your own. Intentional plagiarism is not tolerated and will result in the failure of this course.

Expectations and Professional Behavior:

Routines and procedures are critical in healthcare. Rules need to be followed to ensure resident/patient and staff safety. Classroom routine and the ability to transition from one activity to another must be adhered to. We hope for the classroom to be a safe and democratic place where all voices can be heard and valued. We expect all learners to fulfill individual and group responsibilities, contributing to the group learning process. We expect that there will be many topics discussed in our health technology program that will be of interest to you. Exactly how interesting it will be depends not only on us as instructors but on you, as well, because the success of our health technology program is a two-way street in terms of responsibility. We have a responsibility to organize the day, prepare for the class, and bring relevant information to you for consideration, reflection, and discussion. You have a responsibility to your instructors, to your classmates, and to yourself to prepare for class and come ready to question, explore, discuss, and make every day an interesting one! Let us encourage one another not only to share our stories, to listen respectfully and hear one another. We hope we can, together, create a climate that enhances our intellectual development and our capacity to remain authentic to the healthcare profession. As a team member, you will be required to go above and beyond your individual responsibilities and concerns and recognize when you need to assist others.

ALL STANDING POLICIES WILL BE ENFORCED

***Refer to both UCONN's student code and the Newington High School Student Handbook for rules and consequences for cheating and plagiarism.

***Refer to guidelines for absenteeism and missed tests/work (Newington High School Student Handbook).

***The classroom is a place for cooperative learning and mutual respect among students and instructors. Participation is expected, and disrespect will not be tolerated. Refer Newington High School Student Handbook and Class rules for issues regarding class conduct.

Adapted sections from UCONN AH 2001 – Medical Terminology Syllabus

*You may notice that your high school grade and UConn grade differ. It is possible that two different grades can be awarded for the same course. Your high school grade is determined by your high school. Your UConn course grade is determined by the grading rubric set by the University department.

Disclaimer: I reserve the right to change this syllabus at any time