

This course is given in cooperation with the Early College Experience Program  
at the University of Connecticut, [ece@uconn.edu](mailto:ece@uconn.edu), 860-486-1045

**Meeting:** Class period 2 meets in a cycle of 6 out of 7 days in room D-31

**Office Hours:** M-F 7:30-7:55, Tuesday and Thursday 1:00-2:20

**Text:** Single Variable Calculus: Early Transcendentals, 8<sup>th</sup> edition, by James Stewart, 2016, Cengage Learning

**Prerequisite:** Precalculus & Trigonometry

**Goals & Expectations:** The goal for the course is to learn, understand and be able to work with the main ideas of Calculus I: limits, continuity, differentiability and integrability as it applies to algebraic, exponential, logarithmic and trigonometric functions. The expectation is that you should have the ability to go beyond problems similar to ones seen in the homework, presenting your knowledge in a clear and coherent manner as well. You will be asked to apply theory and ideas of the course to questions asking about more general phenomena. Graphing calculators will be used on 40% of all assessments.

**Homework, Quizzes:** Mathematics is not a spectator sport! Homework will be assigned in class with its due date which will generally be by the following class. Quizzes will be given throughout the course.

**Exams:** There will be two exams, tentatively scheduled for Wednesday, October 16 and Monday, November 18. The first exam will cover chapter 2 and sections 3.1-3.4 of chapter 3; the second exam will cover sections 3.5-3.10 and all of chapter 4, except 4.6. There will be a comprehensive final exam covering the material mentioned above and all of chapter 5 and sections 6.1-6.2. The final is tentatively scheduled for Friday, January 24. All dates are subject to change.

**Make-Up Policy:** Students will be required to make up work within one week of the excused absence. All work not completed within the week will result in a zero. Any work missed due to an unexcused absence will result in a zero. It is the expectation that students will follow along with the class when absent using the class webpage, calendar, google-docs, schoology and *Powerschool*; and that students will attempt some of the work missed during the absence.

**Grading:** The final grade will be within one full letter grade of the final exam grade with adjustments made to ensure synchronicity with the UConn-Storrs grading standard. Within this framework, the grade will be based as follows:

Homework	(10%)
Quizzes	(15%)
Exam 1 and Exam 2	(20% each)
Final Exam	(35%)

**UConn's Course Policy on Academic Integrity:**

The fundamental tenets of all educational institutions is academic honesty; academic work depends upon respect for an acknowledgement of the work and ideas of others. Misrepresenting someone else's work as one's own is a serious offense in any academic setting and it will not be condoned.

Academic misconduct includes, but is not limited to, providing or receiving assistance in a manner not authorized by the instructor in the creation of work to be submitted for academic evaluation (e.g. papers, projects, examinations and assessments-whether online or in class); presenting as one's own, the ideas, words or calculations of another for academic evaluation; doing unauthorized academic work for which another person will receive credit or be evaluated; using unauthorized aids in preparing work for evaluation (e.g., unauthorized formula sheets, unauthorized calculators, unauthorized programs or formulas loaded into your calculator, etc.); and presenting the same or substantially the same papers or projects in two or more courses without the explicit permission from the instructors involved.

A student to knowingly assists another student in committing an act of academic misconduct shall be equally accountable for the violation and shall be subject to the sanctions and other remedies described in *The Student Code* posted online at [http://www.community.econn.edu/student\\_code\\_appendxa.html](http://www.community.econn.edu/student_code_appendxa.html)

Sanctions shall include but are not limited to a letter sent to the office of community standards of the University; a grade of zero on the assignment, quiz or exam; a grade of F for the course.

See online student guidebook for Shepaug Valley School specific academic misconduct information at [www.region-12.org](http://www.region-12.org)