**MATH 1030Q** **High School Name** **Instructor: Your Name Here**
**Elementary Discrete Mathematics** **Your phone number**
**Current Semester** **Your email address**

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

**Meeting Times:**
**Office Hours:**
**Text:** Math in Society by David Lippman, Edition 2.5, 2017
http://www.opentextbookstore.com/mathinsociety/
**Prerequisite:** Precalculus or a course in Algebra & Trigonometry

**Goals & Expectations:** This course will stress problem solving skills and the development of reasoning skills in an interactive setting. The mathematics involved is not overtly difficult but is likely different than the work to which you are accustomed. We will see how the mathematical ideas presented in the course have very real and useful applications to the world around us.

**Homework & Quizzes:** Mathematics is best learned through practice, most of which will happen outside of the classroom. Homework will be assigned in class with a due date and not working diligently on them is a disservice to yourself and is likely to adversely affect your grade in the course. Short quizzes will be given throughout the semester, generally weekly.

**Exams:** There will be three exams and a final exam that will be cumulative. The date of the final exam has not yet been determined and will be announced when it is known.

**Late Work & Makeup Policy:** Late work will be accepted at discretion of the instructor and may be accompanied by a penalty on the score. No makeups for quizzes or exams will be given unless there is a verifiable excuse. All issues with final exam rescheduling are handled by the Dean of Students office.

**Grading:** Your high school and UConn grades may differ. The final UConn 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 for the course will be based as follows:

Homework (10%)
Quizzes (15%)
Exams 1 & 2 (20% each)
Final Exam or Final Paper* (35%)

*You can choose to give a traditional final exam or to have students write a final paper instead

**Academic Integrity:** A fundamental tenet of all educational institutions is academic honesty; academic work depends upon respect for and 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. Sanctions shall include, but are not limited to, a letter sent to the Office of Community Standards of the University, a grade of 0 on the assignment, quiz, or exam, or a grade of F for the course.

# Math 1030Q Outline (updated Fall 2021)*

***Your schedule is allowed to vary! Please aim to cover at least 5 chapters in the book. I would prefer everyone cover at least Voting Theory, Apportionment, Finance, and Probability. Below is a sample from UConn.**

| Chapters Covered |
| --- |
| Voting Theory |
| Weighted Voting |
| Apportionment |
| Fair Division |
| Graph Theory |
| Scheduling |
| Finance |
| Probability |