

**MONTGOMERY COLLEGE - Germantown Campus****Mathematics, Statistics, and Data Science****Course Syllabus****I. Instructor Information**

See Syllabus for CMSC/MATH 207 Discrete Structures CRN 36278 and CRN 36277

**II. General Course Information**

Discrete Structures Honors Module – CMSC/MATH 207HM  
Attached to CMSC/MATH 207

**HONORS ELIGIBILITY:**

- SAT score of 600 or above on each section  
OR
- Completion of at least 12 Montgomery College credits
- Cumulative 3.4 grade point average or higher
- Grade of A or B in ENGL 101/011 or Eligible for ENGL 102

Spring 2022

CMSC 207HM CRN 38405 Attached to CMSC 207 CRN 36278	MATH 207HM CRN 38402 Attached to MATH 207 CRN 36277
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**III. Grading****A. Requirements**

1. The student will complete one full-length or two mini “Primary Source Projects” (PSPs) in consultation with the instructor from these two repositories:
  - Transforming Instruction in Undergraduate Mathematics via Primary Historical Sources (TRIUMPHS)  
<https://blogs.ursinus.edu/triumphs/>
  - Learning Discrete Mathematics and Computer Science via Primary Historical Sources <https://www.cs.nmsu.edu/historical-projects/>
2. The student will learn the basics of typesetting in LaTeX using Overleaf (<https://www.overleaf.com/>). Each PSP’s tasks and exercises must be typeset in LaTeX and students must submit both the .tex file and the compiled .pdf file.
3. The student will create a 15-20 minute presentation along with an annotated bibliography based on their PSP(s). The presentation will be delivered during the last week of classes.

*The professor reserves the right to make changes to this syllabus.*

*Last Updated July 29, 2024*

## B. Honors Coursework Schedule

Honors students will have meetings with the professor outside of regular class meetings. The meeting time will be mutually agreed upon by the student and professor. Meetings will usually take 30 to 60 minutes. Honors Coursework Schedule:

Date	Honors Coursework due
Fri 2/4	Selection of PSP's
Fri 2/11	PSP Check-in 1
Fri 2/25	PSP Check-in 2
Fri 3/11	PSP Check-in 3
Fri 3/25	PSP Check-in 4
Fri 4/1	Presentation & Bibliography – first draft
Fri 4/15	Presentation & Bibliography – second draft
Fri 4/29	Presentation rehearsal
Mon 5/2 - Fri 5/6	Presentations
Sat 5/14	PSP write-ups, Presentation & Bibliography – final draft

## C. Honors Projects Grade

The honors module work will make up 15% of the student's overall grade for the course.

Regular coursework 85%	Homework	5%
	Quizzes	10%
	Exam 1	15%
	Exam 2	15%
	Exam 3	15%
	Final Exam	25%
Honors coursework 15%	PSPs	10%
	Presentation	5%
	Total	100%