

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

Professor: Zhou Dong

Email: Zhou.Dong@MontgomeryCollege.edu

<sup>1</sup>Phone: (240) 567-7810

<sup>2</sup>Office: HT 134

Office Hours:

Drop-in virtual office hours	MWF 10:30am – 11:00 am
<a href="#">Click here to join the drop-in office hours</a>	
Appointment hours	TR 9:30 am – 11:00 am and 1:00 pm – 2:00 pm
<a href="#">Click here to book an appointment</a>	

**II. General Course Information**

Discrete Structures Honors Module – CMSC 207HM

Attached to CMSC 207 CRN 33353

HONORS ELIGIBILITY:

- SAT score of 600 or above on each section  
OR
- Completion of at least 12 Montgomery College credits
- Cumulative 3.2 grade point average or higher
- Grade of A or B in ENGL 101/011 or Eligible for ENGL 102

Spring 2021: CRN 335768

Class Times: MW 1:00 pm – 2:40 pm

[Teams Meeting Link](#)

**III. Grading****A. Requirements**

The student will select one full-length or two mini “Primary Source Projects” (PSPs) in consultation with the instructor from these two repositories:

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<sup>1</sup> If you call, please leave a message.

<sup>2</sup> I will not be available in my office during Remote Instruction. Virtual class meetings and office hours held online via Microsoft Teams. Best way to reach me during Remote Instruction is to message me on Microsoft Teams.

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

*Last Updated June 28, 2021*

- 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/>

Students are encourage to select topics of interest to themselves, in and out of the discrete math area. Each PSP's tasks and exercises must be typeset in LaTeX on Overleaf (<https://www.overleaf.com/>).

The student will create a presentation (oral or poster) along with an annotated bibliography based on their selected PSPs. The presentation will be delivered during the last week of classes.

## B. Honors Coursework Schedule

## 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%

## D. Standards

See syllabus for CMSC 207 CRN 33353

## IV. Schedule

Honors students will have weekly 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 Meeting Schedule:

Week of	Honors Coursework/Meeting topic
1/25 – 1/29	Selection of PSPs
2/01 – 2/05	Overleaf Basics
2/15 – 2/19	PSP part 1
3/01 – 3/05	PSP part 2
3/22 – 3/26	PSP part 3

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3/29 – 4/02	PSP part 4
4/05 – 4/09	Presentation outline
4/12 – 4/16	Presentation draft 1
4/19 – 4/23	Presentation draft 2
4/26 – 4/30	Presentation and Bibliography final draft
5/03 – 5/07	Presentations
5/10 5/14	PSP final drafts in Overleaf, Presentation, Bibliography