MONTGOMERY COLLEGE - Germantown Campus

Mathematics & Statistics Department

Course Syllabus

I.   Instructor Information

See syllabus for MATH182 Calculus II CRN21866

II.   General Course Information

Calculus II Honors Module – MATH182HM (Attached to MATH182 CRN21866)

PREREQUISITE:
~ 3.2 or higher GPA
~ minimum 12 academic credits at MC
~ B or A in EN 101 or EN 101A

Fall 2020: CRN 25649
Class Times: TR 10:00 am – 12:10 pm

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:
- 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 not limited to topics within calculus. 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. The presentation will be delivered during the last week of classes.

B.   Honors Coursework Schedule

Date	Honors Coursework due
Thu 9/10	Selection of PSP's
Thu 9/17	PSP Check-in 1
Thu 10/01	PSP Check-in 2
Thu 10/22	PSP Check-in 3

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

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Thu 11/05	PSP Check-in 4
Thu 11/19	Presentation & Bibliography – first draft
Thu 12/03	Presentation & Bibliography – second draft
Mon 12/07 - Fri 12/11	Presentations
Fri 12/18	PSP write-ups, Presentation & Bibliography – final draft

C.   Honors Module Grade

In addition to the regular course standards, final letter grades will be determined according to this rubric including the honors coursework:

Core Standards	Advanced Standards	Honors Coursework	Final Grade
Mastery on all	Average score is 3 or above	Complete and satisfactory	A
Mastery on all	Average score is between 2 and 3	Partially complete and satisfactory	B
Mastery on all	Average score is below 2	Unsatisfactory	C
Not all mastered Average score is 2 or above	Not applicable	Not applicable	D
Not all mastered Average score is below 2	Not applicable	Not applicable	F

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