# MTH 255H

# Winter 2026 Tentative schedule

## Week 1

Wednesday 01/07:
- Integrals using polar coordinates (Section 5.3).
- Integrals using cylindrical and spherical coordinates (Section 5.5).

Friday 01/09:
- Integrals using changes of variables (Section 5.7).

## Week 2

Wednesday 01/14:
- Curves (Section 1.1)
- Calculus on curves (Section 1.2).

Friday 01/16:
- Line integrals of scalar functions (Section 6.2).

## Week 3

Wednesday 01/21:
- Surfaces (Section 6.6).
- Surface integrals of scalar functions  (Section 6.6).

Friday 01/23:
- Surface integrals of scalar functions  (Section 6.6).

## Week 4

Wednesday 01/28:
- Vector fields. (Section 6.1).
- Curl and divergence (Section 6.5).

Friday 01/30:
- Conservative vector fields (Sections 6.1, 6.3, 6.5).

## Week 5

Wednesday 02/04:
- Line integrals of vector fields (Section 6.2).

Friday 02/06:
- Fundamental Theorem of Calculus II (Sections 6.3, 6.5).

## Week 6

Wednesday 02/11:
- MIDTERM

Friday 02/13:
- Surface integrals of vector fields (Section 6.6).

## Week 7

Wednesday 02/18:

- Green's Theorem (Section 6.4).

Friday 02/20:

- Green's Theorem (Section 6.4).

## Week 8

Wednesday 02/25:

- Stokes' Theorem (Section 6.7).

Friday 02/27:

- Stokes' Theorem (Section 6.7).

## Week 9

Wednesday 03/04:

- Divergence Theorem (Section 6.8).

Friday 03/06:

- Divergence Theorem (Section 6.8).

## Week 10

Wednesday 03/11:

- REVIEW

Friday 03/13:

- REVIEW