

# MATH 170

## Intuitive Calculus

Meets M-F 2:00-2:50 in Bouillon 109

### Course Philosophy

In this course, we will study mathematical modeling of real world phenomena within a deterministic framework.

### Student Outcomes

Students successfully completing Math 170 will model real world phenomena by way of differential, and integral calculus techniques.

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### Office Hours

MWF 11-12; TTh 3-4

If you need to meet at any other time, please make an appointment

### Course Content

#### Schedule

Week 1 Limits and Continuity

Week 2--Week 3 Differentiation

Week 4--Week 5 Applications of Differentiation

#### Exam 1

Week 6--Week 7 Exponents and Logs

Week 8--Week 9 Integration

#### Exam 2

Week 10 Integration Models

**Final Exam: Time to be determined.**

### Course Requirements

#### Labs

Lab Exercises will be given approximately once per week.

#### Homework

1. Homework will be assigned from the book almost every day.
2. There will be a HW Quiz every week, either in class or on-line.

#### Exams

There will be two mid-term exams and a final exam.

#### Attendance, Missed Tests, Assignments

Class attendance is expected, and I will pass out a roll sheet every class day. (Class attendance is a reasonable predictor of grades in this course.) I expect tests to be taken on schedule and assignments to be completed the day after they are assigned. Correct them with feedback, and place them in your notebook in order of assignment day. *Assignments, quizzes, and tests may be made up only if the student and instructor agree on a time **before** a deadline.*

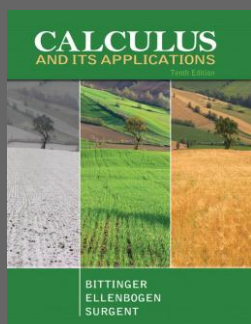
with me. I use e-mail to avoid playing "phone tag."

Please talk to me if you need special accommodations due to a disability.

TEXT

***Calculus and Its Applications***

Bittinger, Ellenbogen, Surgent



Assessments	Percent of Final Grade	Final Point Distribution	Final Grade
Labs		93-100%	A
HW Quizzes	15%	90-92%	A-
2 Midterm Exams	15%	87-90%	B+
Final Exam	40%	83-86%	B
	30%	80-82%	B-
		77-79%	C+
		73-76%	C
		70-72%	C-
		67-69%	D+
		63-66%	D
		60-62%	D-
		Below 60%	F