

MATH 1B**INTEGRAL CALCULUS****SPRING 2016**

Instructor: Daniel Wheeler

Textbook: Calculus-Early Transcendentals, by James Stewart

Student Learning Outcomes:

1. Analyze the definite integral from a graphical, numerical, analytical, and verbal approach, using correct notation and mathematical precision.
2. Formulate and use the Fundamental Theorem of Calculus.
3. Apply the definite integral in solving problems in analytical geometry and the sciences.

Prerequisite: Math 1A with a grade of C or better.

Office Hours: 12:45-1:15 S43 TTH

Homework: Homework will be assigned and reviewed regularly.
Homework will not be collected

Attendance: Attendance will be taken at each class session. Attendance will count 10% of your grade. If you miss more than three classes (this includes coming late and leaving early) you will lose **all** of the attendance credit.

Quizzes: Several quizzes will be given. There will be no make-ups.

Exams: There will be three exams and a final with no make-ups. For each exam you will be allowed one sheet of 8.5 × 11 inch paper for recording important formulas and techniques.

Grading:

Attendance:	10%	90% - 100%	A
Quizzes	15%	80% - 89%	B
Exams	45%	65% - 79%	C
Final	30%	50% - 64%	D
		0% - 49%	F