

$$\frac{d}{dx}f(u(x)) = f'(u(x)) \cdot u'(x)$$

## Math 2301 - Calculus I

**Instructor:** Prof. Todd Young

**Office:** Morton 547

**Phone:** 593-1277

**e-mail:** youngt@ohio.edu

**Office hours:** M 10:45-11:45, W 3:00-4:00, F 8:30-9:30

by appointment, or, walk-ins when the door is open.

Course page: [www.ohio.edu/cas/math/undergrad/courses-resources/calculus.cfm](http://www.ohio.edu/cas/math/undergrad/courses-resources/calculus.cfm)

**Recitation leader:** Chathuri M Karunaratna, 570-F Morton Hall  
(740) 593-1287, ck472514@ohio.edu

**Class schedule:** MWF 9:40-10:35

**Location:** Morton 127

**Class number:** 8025

**Text:** *Essential Calculus: Early Transcendentals*, Stewart, 2nd edition

**Final Exam:** Wednesday, December 13, at 2:30 p.m.. Location TBA.

There will be 3 tests and a final. In addition, there will be group work and quizzes in recitations that will be graded. The midterm exams will count for 15% of your grade, the final will be worth 35% and recitation grade (group work and quizzes) 20%. Grades will be assigned according to the usual 10% scale.

The final exam will be cumulative and common for all the 2301 sections. The location will be announced later.

No calculators or other devices will be allowed on exams.

You must visit the course web site and read the *Student Handbook for MATH 2301*. Review all the material in the handbook and memorize everything it tells you to memorize.

The Student Handbook contains the official homework assignments. You must begin working on the homework for each section as soon as we begin covering that section. Homework will not be graded, but many test problems will come from the homework. The best way to do well in this class is to *do* and **understand** all the homework.

**Attendance:** Attendance at lectures is not required, but expected. Attendance at recitations is mandatory since there will always be a graded activity during that time. If you have a valid excuse for missing a recitation, please bring written documentation to the recitation leader, Chathuri. Likewise, you can make-up a missed exam with a documented excuse.

Please let me know if there is anything I can do to help you. Do not hesitate to call, e-mail or stop by my office. Taking advantage of office hours is highly correlated with good grades. I hope that Math 2301 will be a fun and rewarding experience for all of us.

**Academic Misconduct:** Academic dishonesty includes any form of cheating on exams/quizzes and assisting others to cheat. You may not give or receive any assistance during a test or quiz, including but not limited to using notes, phones, calculators, computers, or another student's solutions. (You may ask me questions.) A minor, first-time violation will result in a zero grade on that test. Serious or second violations will result in failure in the class and be reported to the Office of Community Standards and Student Responsibility, which may impose additional sanctions. You may appeal any sanctions through the grade appeal process.

**Special Needs:** If you have specific documented physical, psychiatric, or learning needs that require accommodations, please let me know as soon as possible so that your needs may be appropriately met. You should also register with Student Accessibility Services to obtain written documentation and to learn about the resources they have available.

**Learning Resources:** (see <http://www.ohio.edu/people/barsamia/student.resources.html>)

People:

Your classmates.

Your recitation leader.

Your instructor.

Ohio University Resources:

OHIO Calculus webpage and MATH 2301 Handbook.

Morton Hall Math Center: free, walk-in tutoring in Morton 202. Hours TBA.

The O.U. Academic Advancement Center offers Supplemental Instruction (SI) and a Math and Science Center with drop-in help and tutors.

Written Material:

APEX Calculus 1 book: Free pdf or printed for \$13 through Createspace or Amazon.

Wikipedia's Calculus

WikiBook on Calculus

A Pre-Calculus Book

Videos: (Use sparingly; over-reliance on videos will retard your reading comprehension.)

Just Math Tutorials Calculus videos

Khan Academy