Instructor: Filix Maisch  
Meeting: MTWThF 10 - 10:50 AM  
Room: HKRT 204  
Office: KIDD 332  
Text: Calculus, Early Transcendentals, Briggs, Cochran  
Web: people.oregonstate.edu/~maischf/  
Attendance: Regular attendance will be expected, but roll will not be taken.  
Honor Code: Students are expected to be familiar with Oregon State University’s Statement of Expectations for Student Conduct. Please review this statement at the following web link:
http://oregonstate.edu/admin/stucon/achon.htm  
Accommodations: Accommodations are collaborative efforts between students, faculty and Disability Access Services (DAS). Students with accommodations approved through DAS are responsible for contacting the faculty member in charge of the course prior to or during the first week of the term. Students who believe they are eligible for accommodations should contact DAS immediately at 737-4098.
Course Description: This course is a survey of integration, including definite integrals, integral tables, basic techniques of integration, the calculus of logarithmic and exponential functions, polar coordinates, applications to areas, volumes, force, work, and growth and decay problems.
Schedule: See web for tentative term schedule.
Evaluation: Your grade is determined by online homework, recitation quizzes, unannounced true-false discussion quizzes, a two-part in-class midterm and a two-part in-class final. Here is the point breakdown:
- Homework - 90 (Take your average homework percentage as a decimal, multiply by 90, and round up.)
- Recitation Quizzes - 80 (Top four of five recitation quizzes worth 20 points each.)
- T/F Quizzes - 30 (Top three of four true-false pop quizzes worth 10 points each.)
- Midterm - 100 (in-class, Part I: July 17th, Part II: July 18th)
- Final - 200 (in-class, Part I: August 14th, Part II: August 15th)
Grades will not be harder than:
450 - 500 A/A-, 400 - 449 B+/B-, 350 - 399 C+/C, 300 - 349 D, 0 - 299 F.
I do not use blackboard. At the end of this syllabus you have a page on which you can record your scores.
Homework: Homework is online through www.mymathlab.com. On the web page there is also a list of suggested exercises from the text.

Course ID: maisch63135  
Course Name: Math252Summer14

Resources: The Math Learning Center is in Kidder 108H and is a great place to drop in for help. It is open from 9 AM to 4 PM, Monday through Friday, from the second week onward.

Tests: Both the midterm and final will come in two parts. On “Part I” of both the midterm and final you cannot use a calculator nor notes. On “Part II” of each you are allowed both sides of one 3x5 inch handwritten note card and non-graphing calculators are permitted.

Quizzes: No calculators nor notes are allowed on the in-class unannounced true-false discussion quizzes, but you are intended to share your reasoning with fellow students. No notes nor discussions are allowed on the weekly recitation quizzes on Thursdays, but non-graphing calculators are permitted. Starting the second week you will take one recitation quiz per week on Thursdays, except the weeks of the midterm and final. No-class on the first Thursday of the term (June 26th).

Specific Learning Outcomes:

1. Describe the definite integral as a limit of Riemann sums and illustrate and interpret definite integrals as areas and signed areas.

2. Apply the fundamental theorem of calculus to evaluate integrals and to differentiate integrals with respect to a limit of integration.

3. Use integration to find areas and volumes of regions and calculate physical quantities such as total distance traveled, displacement, work, and center of mass.

4. Evaluate integrals using basic numerical integration rules.

5. Use first order differential equations to model and solve problems of growth and decay, cooling, and mixing.
Write down your scores!

(1) Quiz 1 : ......out of 20

(2) Quiz 2 : ......out of 20

(3) Midterm : ......out of 100

(4) Quiz 3 : ......out of 20

(5) Quiz 4 : ......out of 20

(6) Quiz 5 : ......out of 20

(7) Best 4 of 5 Quizzes: ......out of 80

(8) Homework: ......out of 90

(9) True-False Quiz 1: ......out of 10

(10) True-False Quiz 2: ......out of 10

(11) True-False Quiz 3: ......out of 10

(12) True-False Quiz 4: ......out of 10

(13) Best 3 of 4 True-False Quizzes: ......out of 30

(14) Final: ......out of 200