Math& 152, Calculus II
Olympic College, Fall 2017 (Item #4263)

Instructor: Jason Heinze Office: ST 112
Office hours: T Th 11am-12:50pm, MWF 11-11:20am
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Lectures: Daily, 10:00-10:50am in ST 127

Text: ***Calculus, Early Transcendentals*** (2^{nd} edition) by Briggs, Cochran, and Gillett

MyMathLab Access: www.mymathlab.com , Course ID is **heinze80843**

Prerequisite: Math& 151 with a grade of a C (2.0) or better, or equivalent.

Course Topics: Definite Integrals, techniques of integration, numerical approximation, applications of integration, differential equations: separable, growth and decay applications

Assessment:

Homework – Homework will be assigned on MML. Plan to spend time with the homework on a daily basis to keep pace with topics we are learning in class.
Project – I will assign a project midquarter. Details to come.
Quizzes – There will be three quizzes. The quizzes will closely resemble problems done in class and from the homework.
Exams – There will be four exams: three in-class exams and one comprehensive final exam.

Learning Disabilities/ Special Needs and Requests: If you have a learning disability or any other special needs or requests please notify the Access Services Office, as soon as possible, to receive assistance.

Learning Resources: Tutoring is available in the *Math Study Center* (ST 126). You may also come to my posted office hours or make an appointment in advance. I encourage you to find a group to collaborate with outside of class.

Policies:

a. In case of an absence, you are held responsible for all announcements, material and work done during class.
b. If you MUST miss an EXAM, you will need to make prior arrangements or leave a message in case of unexpected illness or emergency. If you do not call, or if the earliest reasonable opportunity to make-up the test has passed, you will not be allowed to make it up.
c. Turn off your cell phone before entering class. Unless prior approval, no cell phone usage is permitted.
d. Graded assignments are due at the beginning of class. Any late work will be penalized 10% per day. No work will be accepted after graded assignments are handed back.
e. Class conduct is governed by the Olympic College Student Conduct Code (by contract upon enrollment). Common courtesy is essential for maintaining a strong learning environment. If you witness or encounter discrimination, including sexual misconduct, you are encouraged to report it to Cheryl Nuñez, Vice President for Equity and Inclusion at cnunez@olympic.edu /360-475-7125. For more information about your options go to http://www.olympic.edu/about-olympic-college/nondiscriminationaccessibility.

Grading:

Your grade is based upon the following:

8%	MML Homework
2%	Project
15%	Quizzes (5% each)
45%	In-class Exams (15% each)
30%	Final Exam

Grade points:

Course grades will be assigned ***numerical grades***, with the scale:

95% or above = 4.0 85% = 3.0 75% = 2.0 65% = 1.0 62% = 0.7
below 62%=0.0

[Each 1% = 0.1 grade point.]

No grade points will be given except those listed above. Students who quit coming to class and do not officially withdraw through the registration office will receive a 0.0 for the course.

How to succeed in this class:

- You will need to do the homework that I assign. Learning any math takes practice and there is no better practice than working through the assigned problems.
- You should ask questions, especially when you are struggling. Feel free to blurt out questions during lecture.
- Read the book, whenever you can. It will answer many of your questions and help you understand the lecture.
- Don't get discouraged. I truly believe that anyone can learn high levels of math. It does take time though.
- Attend class. A big portion of your learning will happen in class. Also, good attendance shows me that you are putting forth effort.

Course Learning Outcomes and Correlation to Olympic College Core Abilities:

There are five Core Abilities considered to be essential for graduates of OC (see graphic opposite). The expectation is that by taking an assortment of courses in different disciplines, students are given ample opportunities to acquire these Core Abilities while fulfilling requirements for graduation.

This course specifically addresses the following three Core Abilities.

Communication

Outcome 2: Graduates understand and produce effective written communication.
Outcome 3: Graduates understand and use effective non-verbal communication skills.

Thinking

Outcome 1: Graduates engage in critical analysis.
Outcome 2: Graduates engage in creative problem solving.
Outcome 3: Graduates engage in quantitative reasoning.

Information Literacy and Technology

Outcome 5: Graduates use technology and information appropriately to field or discipline, synthesizing information to formulate insights and create knowledge.

Disclaimer: Please be aware that certain aspects of the course may be modified in order to meet the needs of the class.

MATH& 152: CALCULUS II Schedule of events and suggested exercises

Text: ***Calculus, Early Transcendentals*** (2nd edition) by Briggs, Cochran, and Gillett

Dates:	Topics/Events:
Week 1 Sept 25-29	Introduction 5.1-5.3
Week 2 Oct 2-6	5.4, 5.5, 6.1 **Quiz 1, Friday**
Week 3 Oct 9-13	*No School - Monday* 6.2, 6.3 **EXAM 1, Friday**
Week 4 Oct 16-20	6.4, 6.5
Week 5 Oct 23-27	6.6, 6.7, 7.1 **Quiz 2, Friday**
Week 6 Oct 30-Nov 3	7.2, 7.3 **EXAM 2, Friday**
Week 7 Nov 6-10	7.4-7.6 *No School - Friday*
Week 8 Nov 13-17	7.7 *No School - Wednesday*
Week 9 Nov 20-24	7.8 **Quiz 3, Tuesday** *No School – Thursday and Friday*
Week 10 Nov 27-Dec 1	D1.1, D1.2 **EXAM 3, Friday**
Week 11 Dec 4-8	D1.3-D1.5
Final Exam – Wednesday, 12/13 (10am-12pm)	