Math& 107, Math in Society
Olympic College, Spring 2017

Instructor: Jason Heinze Office: ST 112
Office hours: 11-12:50 (T Th) and 1-1:50 (W)
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Phone: 475-7774

Lectures: M-F, 10:00pm-10:50pm in ST 149

Class Website: MyMathLab (course ID: **heinze55397**)

Text: ***Using and Understanding Mathematics, A Quantitative Reasoning Approach*** (6th ed.)
By Jeffrey Bennett and William Briggs

Required Materials: Scientific Calculator

Prerequisite: MATH 099, MATH 098, MATH 099I, or MATH 098I within the last 6 years with a grade of 2.0 or above or satisfactory placement test score

Course Description: Topics relevant to Liberal Arts majors, including the following: Mathematical Models (Linear and Exponential) as tools for solving real-world problems. Probability as a tool for making informed decisions. Basic descriptive statistics as an introduction to statistical thinking. Consumer Mathematics (loans, annuities, etc.) as a life skill.

Course Content:
Chapter 1: Thinking Critically
Chapter 4: Managing Money
Chapter 5: Statistical Reasoning
Chapter 6: Putting Statistics to Work
Chapter 7: Probability: Living with the Odds
Chapter 8: Exponential Astonishment
Chapter 9: Modeling Our World
Chapter 11: Mathematics and the Arts

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 would 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:

25%	MyMathLab Homework
25%	MyMathLab Quizzes (best five of six scores)
25%	Midterm (In-class)
25%	Final Exam (In-class)

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 a lot 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.

Math& 107, Math in Society: Schedule of events

Dates:	Topics/Events:	Due dates:
Week 1 April 3–7	Introduction Sections: 1A, 1B, 1C	
Week 2 April 10-14	Sections: 4A, 4B, 4C	MML Homework (Due Monday, 4/10) **MML Quiz 1 (Due Sunday, 4/16)**
Week 3 April 17-21	Sections: 4D, 5A, 5B	MML Homework (Due Monday, 4/17) **MML Quiz 2 (Due Sunday, 4/23)**
Week 4 April 24-28	Sections: 5C, 5D, 6A	MML Homework (Due Monday, 4/24) **MML Quiz 3 (Due Sunday, 4/30)**
Week 5 May 1-5	Sections: 6B **MIDTERM – Friday**	MML Homework (Due Monday, 5/1)
Week 6 May 8-12	Sections: 7A, 7B	MML Homework (Due Monday, 5/8)
Week 7 May 15-19	Sections: 7D, 8A	MML Homework (Due Monday, 5/15) **MML Quiz 4 (Due Sunday, 5/21)**
Week 8 May 22-26	Sections: 8B, 8C	MML Homework (Due Monday, 5/22) **MML Quiz 5 (Due Monday, 5/29)**
Week 9 May 29- June 2	*Holiday, Monday* Sections: 9A, 9B	MML Homework (Due Tuesday, 5/30)
Week 10 June 5-9	Sections: 9C, 11C	MML Homework (Due Monday, 6/5) **MML Quiz 6 (Due Sunday, 6/11)**
Week 11 June 12-16	Final Review – Monday, 6/12, MML Homework (Due Monday, 6/12) **FINAL EXAM – Friday. 6/16, 10am-12pm**	

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