Peterson **Math 114** **Fall 2018**

Content - **Continued development of algebraic principles including rules for exponents, inverse functions, and more.**

Prerequisite **Math 212 or equivalent (Preferably with grade of C or better)**

Text - **Intermediate Algebra (7th edition), Blitzer**

Exams - **There are a total of 600 points available. Three 100 point midterm exams, one 200 point final exam, and an unspecified number of quizzes worth a total of 100 points.**

Homework **Homework will be assigned every day but will not be collected. The quizzes will be based upon the homework that I assign as well as in class material. The homework I assign is the minimum work that can be done and I strongly suggest that students do more problems than are assigned.**

Attendance - **Attendance in class is crucial to learning the material. If anyone misses more than two classes without informing me first, they will be dropped from the class. If anyone misses one class during the first week without informing me first, they also will be dropped. If you know you are not going to be in class, call (408) 742-8828 and leave a message. Please do not call the division office or the administration office.**

Office Hours - **My office hours for the Fall quarter will be Tuesdays from 3-4 in S43a. Also, if your phone goes off during class, I will ask you to leave. If it happens a second time, you will be dropped from the class.**

Date	Section(s)
9/23/14	4.2 - 4.3
9/25/14	6.1 - 6.2
9/30/14	6.3 - 6.4
10/02/14	6.5 - 6.6
10/07/14	6.7
10/09/14	Review
10/14/14	Exam 1
10/16/14	6.8, 7.1
10/21/14	7.2 - 7.3
10/23/14	7.4 - 7.5
10/28/14	7.6, 9.1
10/30/14	Review
11/05/14	Exam 2
11/07/14	9.2 - 9.3
11/12/14	9.4 - 9.5
11/14/14	9.5 - 9.6
11/19/14	10.1
11/21/14	Review
11/26/14	Exam 3
12/03/14	11.1 - 11.2
12/05/14	11.2 - 11.3
12/10/14	Final Exam

Grade Scale:

85%+	**A**
70-84%	**B**
55-69%	**C**
45-54%	**D**
<45%	F

Student Learning Outcome(s):

*Evaluate real-world situations and distinguish between and apply exponential, logarithmic, rational, and discrete function models appropriately.

*Analyze, interpret, and communicate results of exponential, logarithmic, rational, and discrete models in a logical manner from four points of view - visual, formula, numerical, and written.