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M 115.17: Probability & Linear Math Plus

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Fall 2018

M115 Plus/M191 – Corequisite Class for Probability and Linear Math

Course Instructor

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Office Hours: TBA

Course Description

This course is designed to accompany M115 Probability and Linear Math. It is intended to provide additional support in a small classroom setting. The content will mirror the course outcomes of M115 and background and necessary skills will be covered as needed. Topics include fractions, decimals, percents, simplifying and solving algebraic expressions, and graphing linear equations and inequalities.

Course Outcomes

Upon completion of this course, the student will be able to successfully complete M115.

Required Texts

There are no additional materials that are required for this portion of the course.

Please note that when enrolling in MyMathLab your course ID is: **fern87807**

Grading Policy

Please do not focus on the grade in this part of the course. This portion is graded as CR/NCR. If you are an active participant, attend class regularly and complete the additional assignments in MyMathLab, a grade of CR will be given.

Homework

In addition to the class assignments in M115, you will be expected to complete:

- The Coreq Assignments in MML.

Quizzes

- There will be no separate tests in this class, however there will be test preparation given prior to the M115 tests.
- You will take your weekly M115 quizzes every Thursday in this class, as indicated in your M115 syllabus.

Attendance and Participation:

Class attendance is expected every day. If you are absent, you are responsible for finding out what you missed and completing assigned work. Having said that, you need to be an ACTIVE participant. One learns by DOING, not watching.

Discussion:

The Corequisite Model entails placing students directly in their college level math class, while providing the assistance needed with the prerequisite material. The advantage of this is that you will not just be learning seemingly arbitrary concepts in a developmental class, you will be learning these concepts and will be able to immediately see their utility and context in M115.

Week	Sections	Coreq
8/27 – 8/31	Class Intro, 7.1	Class Intro
9/3 – 9/7	7.2 – 7.3	Decimals, Percents
9/10 – 9/14	7.4 – 7.6	Fractions
9/17 – 9/21	7.6, Review	Fractions
9/24 – 9/28	Test 1, 8.1 – 8.2	Algebraic Expressions
10/1 – 10/5	8.2 – 8.4	Solving Linear Equations
10/8 – 10/12	8.5, 9.1-9.2	Solving Linear Equations, Coordinate System
10/15 – 10/19	9.3, Review	Graphing Lines, Slope
10/22 – 10/26	Test 2, 1.1	Equations of Lines
10/29 – 11/2	1.2 – 1.3	Equations of Lines, Linear Inequalities
11/5 – 11/9	Ch. 2	Systems of Equations
11/12 – 11/16	Ch. 2, 3.1	Systems of Equations
11/19 – 11/23	3.1	Systems of Inequalities, Setting up word problems
11/26 – 11/30	3.2 – 3.3	Setting Up Word Problems
12/3 – 12/7	Review	