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Spring 2-1-2019

# M 115.18: Probability & Linear Math Plus

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**Spring 2019**

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

**Course Instructor**

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Office: Math 205B

Office Phone: 243-5398

Office Hours: TBA

**Course Description**

This course serves as a co-requisite for M115 Contemporary 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. This course provides an alternative to M090 by incorporating M090 material into the M115 curriculum. This course is intended to allow some students placing into developmental math an opportunity to earn credit for college level math course while providing the additional time and support associated with developmental courses. Topics include fractions, decimals, percents, simplifying and solving algebraic expressions, and graphing linear equations and inequalities.

**Learning Outcomes:** Support in achieving the M115 learning outcomes will be provided through extra instruction.

**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: **fern09345**

**Grading Policy**

Grades will be assigned on a CR/NCR basis. If you are an active participant, attend class regularly and complete the additional assignments, a grade of CR will be given.

**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.

The Math Department has tutors available at the Math Learning Center located in the basement of the Math Building Monday – Thursday from 10-4 and Friday from 10-1. There are also evening hours at the UC Commons on Sunday-Thursday. I am also available by appointment to help you out: either in person, by phone or email!

<b>Week</b>	<b>Sections</b>	<b>Coreq</b>
1/10 – 1/11	Class Intro	Class Intro
1/14 – 1/18	7.1 – 7.2	Decimals, Percents
1/21 – 1/25	7.2 – 7.4	Fractions
1/28 – 2/1	7.4 – 7.5	Fractions
2/4 – 2/8	7.5 – 7.6, Review	Algebraic Expressions
2/11 – 2/15	Test 1, 8.1 – 8.2	Solving Linear Equations
2/18 – 2/22	8.3 – 8.4	Solving Linear Equations, Coordinate System
2/25 – 3/1	8.5 – 9.1	Graphing Lines, Slope
3/4 - 3/8	9.1 – 9.3	Equations of Lines
3/11 – 3/15	9.3, Review	Equations of Lines, Linear Inequalities
3/18 – 3/22	Test 2, 1.1	Systems of Equations
3/25 – 3/29	SPRING BREAK	
4/1 – 4/5	1.2 – 1.3	Systems of Equations
4/8 – 4/12	Ch. 2	Systems of Inequalities, Setting up word problems
4/15 – 4/19	Ch. 2, Ch. 3	Setting Up Word Problems
4/22 – 4/26	Ch. 3, Review	