

Fall 9-1-2018

## 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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**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.

| <b>Week</b>   | <b>Sections</b>   | <b>Coreq</b>   |
|---------------|-------------------|--|
| 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,<br>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<br>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,<br>Setting up word problems |
| 11/26 – 11/30 | 3.2 – 3.3         | Setting Up Word Problems                             |
| 12/3 – 12/7   | Review            |  |
|               |                   |  |
|               |                   |  |