

University of Montana

## ScholarWorks at University of Montana

---

University of Montana Course Syllabi

Open Educational Resources (OER)

---

Fall 9-1-2020

### M 115.R17: Probability and Linear Math Plus

Lauren Sara Fern

*University of Montana, Missoula*, fernl@mso.umt.edu

Deborah Ann Pearlman

*University of Montana, Missoula*, deborah.pearlman@umontana.edu

Follow this and additional works at: <https://scholarworks.umt.edu/syllabi>

**Let us know how access to this document benefits you.**

---

#### Recommended Citation

Fern, Lauren Sara and Pearlman, Deborah Ann, "M 115.R17: Probability and Linear Math Plus" (2020).

*University of Montana Course Syllabi*. 11399.

<https://scholarworks.umt.edu/syllabi/11399>

This Syllabus is brought to you for free and open access by the Open Educational Resources (OER) at ScholarWorks at University of Montana. It has been accepted for inclusion in University of Montana Course Syllabi by an authorized administrator of ScholarWorks at University of Montana. For more information, please contact [scholarworks@mso.umt.edu](mailto:scholarworks@mso.umt.edu).

Fall 2020

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

### Course Instructors

Name: Deborah Pearlman and Lauren Fern

Email: [deborah.pearlman@umontana.edu](mailto:deborah.pearlman@umontana.edu) [fernl@mso.umt.edu](mailto:fernl@mso.umt.edu)

Course Coordinator: Lauren Fern

### 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 of needed mathematical concepts at the beginning of the semester as well as a more detailed and in depth look at M115 topics throughout the semester.

### Required Texts

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

### Grading Policy

Grades will be assigned on a CR/NCR basis. If you are an active participant, attend class daily and complete the additional assignments, a grade of CR will be given. If you are present less than 65% of the sessions, you will earn NCR.

### 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 and these will be announced once the hours have been posted.

Open Office Hours for all M115 Instructors will be posted on the class moodle page. These are free help sessions and you are very encouraged to attend.

### Disability modifications:

The University of Montana assures equal access to instruction through collaboration between students with disabilities, instructors, and [Disability Services for Students](#). If you think you may have a disability adversely affecting your academic performance, and you have not already registered with Disability Services, please contact Disability Services in Lommasson Center 154 or call 406.243.2243. I will work with you and Disability Services to provide an appropriate modification.

## **Student Contract for M115 Co-Requisite Participation**

As a M115 Co-Requisite student, I understand that I will be expected to meet the following responsibilities:

1. I understand that attendance is a crucial component of my success in this class. I will attend all lectures and lab classes barring unforeseen circumstances and will check my campus email regularly.

2. In the event that I will need to miss class, I understand that it is my responsibility to get class notes and catch up on missed work so I am prepared for the next class period.

3. In the event that something arises in my life that may cause me to miss school or tune out for a time, I will contact Lauren and keep her apprised of my situation.

4. If I score below 65% on any test or on my average scores for quizzes that are given between the tests, I will be required to attend the Math Tutoring and/or Open Office Hours at least 1 hour each week until my scores increase.

5. I understand that learning math is an active process that requires daily study; that the only way to learn math is by practicing problems on my own, not simply by watching others do them for me.

6. I will come to class prepared for the session and will ask any and all questions I may have as they arise, I will NOT wait until right before a test or quiz. Furthermore, I will not procrastinate my homework and will do my best to stay up-to date.

7. I will be respectful to my fellow students as well as to myself.

Print Name \_\_\_\_\_

Signature and Date \_\_\_\_\_