

## MA055 Statistical Reasoning Lab Spring 2017 (Tuesday Thursday)

Instructor: xxxxx

Office: xxx

Phone: xxxx (Long distance calls not returned. Email is preferable.)

Office Hours: xxxxx

Website: <https://learning.semo.edu/> (MA055 is listed under My Courses)

Email: [xxxx](mailto:xxxx) (Subject should be MA055 and time of class)

**Textbook:** There is no paper textbook. You access the e-text online through MyLabsPlus. The text is Sullivan, Struve, Massarella (2014): Developmental Mathematics (1<sup>st</sup> ed.), Pearson Publishing

**Access MyLabsPlus:** Access the MyLabsPlus course materials through the link on the course website or directly at [www.semo.mylabsplus.com](http://www.semo.mylabsplus.com).

**Tablet App for Textbook:** You can also access the textbook through the [Pearson E-text for Android](#) or [Pearson E-text for Apple iPad](#).

**Catalog Description:** This course satisfies the developmental mathematics requirement for students enrolled in MA155 who do not meet the ACT mathematics subscore requirement of 22 or higher.

### Student Learning Outcomes:

- Students will be able to write the equation and graph a line.
- Students will be able to simplify an expression using the rules for order of operations.
- Students will be able to solve linear equations.

**Grading Information:** Grades will be determined using the percentages below.

- MyLabsPlus Assignments—45%
- Quizzes—35%
- Final Review Quiz—20%

At the end of the semester, grades will be determined by: 90-100 A, 80-89 B, 70-79 C, 0-69 F

**Internet Browser:** MyLabsPlus works best with Chrome or Firefox. If you have a Mac, it works well using Chrome.

**Course Materials and Supplies:** Students are required to have a subscription to the MyLabsPlus course, a calculator, paper and pencils. (At times you will be asked to solve problems without the use of a calculator.) **A notebook is strongly suggested**, but not required. In the ideal notebook, book reading notes, classroom notes and worked examples are shown in a neat orderly manner. The goals of a notebook are to:

- Develop the habit of communicating mathematics effectively.
- Help with study and review for test preparation

**Students should bring their calculator and notebook to each class session. Calculators with Computer Algebra Systems (CAS) and/or Internet access are not allowed.**

### Late Policy:

- MyLabsPlus Practice may be completed past the due date for 70% credit. A 30% penalty will be deducted only on those exercises scored after the due date.
- No late MyLabsPlus Quizzes will be given. Students must be present in class for the entire class to receive credit for Quizzes.
- The last day to submit any MyLabsPlus assignments or quizzes will be \_\_\_\_\_.
- The lowest four MyLabsPlus Assignment scores and the lowest four MyLabsPlus Quiz scores (with the exception of the Final Review Quiz) will be dropped at the end of the semester

**Academic Honesty:** See your bulletin for a description of the Academic Honesty policy. Cheating on a test or assignment will result in a zero for that activity, and may result in disciplinary action by the University. Students are encouraged to work together to study and do problems for this course, but it is expected that each student turn in work that represents his/her own efforts. During a test no homework or notes should be visible.

**Tentative Schedule: May be adjusted.**

<b>Week Tuesday date</b>	<b>Tuesday</b>	<b>Thursday</b>
<b>1 Jan. 17</b>	Martin Luther King Day—no class	Enroll in MyLabsPlus, Syllabus, Study Skills1 Begin basic skills assessment if time <b>Friday Jan. 20 Last day to add full semester class</b>
<b>2 Jan. 24</b>	Finish Basic Skills Assessment, do associated practice, retake basic skills assessment	1.6, 3.1 Prime Numbers, Fundamentals of Fractions Study Skills 2
<b>3 Jan. 31</b>	1.7, 2.4 Order of Operations #1 Quiz: 1.6, 3.1 Prime Numbers, Fractions	2.8 Introduction to Problem Solving Quiz: 1.7, 2.4 Order of Operations #1
<b>4 Feb. 7</b>	7.1 Tables and Graphs Quiz: 2.8 Introduction to Problem Solving	Study Skills 3 Quiz: 7.1 Tables and Graphs <b>Sat. Feb. 11 Last day to drop full semester class with partial refund</b>
<b>5 Feb. 14</b>	7.2 Mean, Median, and Mode	7.3 Rectangular Coordinates Quiz: 7.2 Mean, Median, and Mode <b>Fri. Feb. 17 Last day to audit or take as pass/fail a full semester class</b>
<b>6 Feb. 21</b>	9.1 Equations in Two Variables Quiz: 7.3 Rectangular Coordinates	9.2 Graphing Equations in Two Variables Quiz: 9.1 Graphing Equations in Two Variables
<b>7 Feb. 28</b>	9.3 Slope Quiz: 9.2 Graphing Equations in Two Variables	9.4 Slope-Intercept Form of a Line Quiz: 9.3 Slope
<b>8 Mar. 7</b>	14.5 Linear Functions and Models—emphasis on scatter diagrams with a little extra work on lines. Quiz: 9.4 Slope-Intercept Form of a Line	Study Skills 4 Quiz 14.5 Linear Functions and Models
<b>9 Mar. 14</b>		
<b>10 Mar. 21</b>	5.3 Fundamentals of Percent Notation	5.4 Solving Percent Problems: Proportion Method Quiz: 5.3 Fundamentals of Percent Notation
<b>11 Mar. 28</b>	14.6 Compound Inequalities Quiz: 5.4 Solving Percent Problems	19.4 Binomial Theorem Quiz: 14.6 Compound Inequalities
<b>12 Apr. 4</b>	Study Skills 5 Quiz: 19.4 Compound Inequalities	3.5, 4.4 Order of Operations #2
<b>13 Apr. 11</b>	8.4 Evaluating Formulas Quiz: 3.5, 4.4 Order of Operations #2	14.1 Graphs of Equations Quiz: 8.4 Evaluating Formulas
<b>14 Apr. 18</b>	14.3 An Introduction to Functions Quiz: 14.1 Graphs of Equations	15.1 Square Roots Quiz: 14.3 An Introduction to Functions <b>Fri. Apr. 21 Last day to drop a class without a failing grade</b>
<b>15 Apr. 25</b>	Study Skills 6 15.4 Simplifying Radical Expressions Quiz: 15.1 Square Roots	15.4 Simplifying Radical Expressions
<b>16 May 2</b>	Quiz: 15.4 Simplifying Radical Expressions Review	Review Quiz
<b>17 May 9</b>	Final Exam Week—No final in MA055	

**Getting Help: If you need help, don't let yourself get behind.**

- Come see your instructor
- Visit free tutors in the Math Learning Centers in Memorial Hall 104 and in Johnson Hall 112
- Sign up for a free tutor from the Student Support Services in the University Center, (573) 651-2512, <http://www.semo.edu/sss/>
- Get counseling for math anxiety, test anxiety, personal problems from the University Counseling Services (573) 986-6191. If you have a documented disability, please meet with your instructor to discuss accommodations. <http://www.semo.edu/ucs/> Follow the link for both Counseling and Disability Services

**Classroom Conduct:** Professional behavior is expected in the classroom. Every student at Southeast is obligated at all times to assume responsibility for his/her actions, to respect constituted authority, to be truthful, and to respect the rights of others, as well as to respect private and public property. In their academic activities, students are expected maintain high standards of honesty and integrity and abide by the University's Policy on Academic Honesty. Alleged violations of the Code of Student Conduct are adjudicated in accordance with the established procedures of the judicial system.

**Use your Southeast email account:** Read your Southeast Email at least a few times a week.

When you email your instructor, the subject should be MA055 and class time. Use your Southeast email.

**Portal Problems?** If the portal is unavailable, you can still access the course website and your Southeast email.

Southeast email: <http://student.semo.edu>

Access all of your courses: <http://courses.semo.edu/login>

**Weather Problems?** The University rarely closes. Even if they stay open, your instructor understands that some commuters might be unable to attend. Listen to radio (i.e. 100.7 FM) or the TV stations for updates.

**Questions?** Questions, comments, or requests regarding this class should be directed to your instructor. Unanswered questions or unresolved issues involving this class may be taken to Dr. Tamela Randolph, Chairperson of the Department of Mathematics.