MATH 20 • Elementary Algebra
CRN: 20774 • TTh 8:15–10:20 AM
Spring 2016 Syllabus

Instructor: Paul Sjoberg, Mathematics Department
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Web Page: staffwww.fullcoll.edu/psjoberg, MyMathLab: www.pearsonmylabandmastering.com
Class ID: sjoberg40134

(textbook is optional, Pearson MyLab online access code is required)
Calculator: Scientific calculator (graphing calculators are not allowed)
Paper: All graded work must be done on 8.5 x 11 in. or letter size paper. Work done on other sizes or spiral notebook paper will not be graded.

Course Description: This course includes operations on integers, fractions, mixed numbers and decimals; ratio, proportion and percentages; working with variable expressions; interpretation of statistical graphs; measurement and geometry; and an introduction to polynomials and graphing.

Prerequisite: MATH 15, Basic Mathematics with a grade of “C” or better or math skills clearance.

Student Learning Outcomes: Upon successful completion of MATH 020 F Elementary Algebra, the student will be able to: 1) Identify an equation as linear, quadratic or rational and solve the equation using an appropriate method. 2) Perform operations on and simplify polynomials, rational expressions, or radical expressions at an introductory level. 3) Perform factoring of polynomials. 4) Construct the graph of a linear equation and identify its slope.

What to Expect: The material learned in this class is a critical foundation of math skills that you will use in many classes that follow. Those students who develop a clear understanding of algebra will find learning material in future math, business, and science courses to be much easier. As with every new math course, homework is an important part of the learning process. You need to keep up with the homework to succeed in this class. Plan on spending at least 4 hours per week on out-of-class studying. Setting a regular schedule and/or working with other students in the class can be very effective.

Fullerton College Math Lab: The Math Lab is optional for this course but recommended. All students who wish to use the Math Lab must be enrolled in Math N01 F, a zero-unit, no cost, non-credit tutoring course. In the Math Lab you will have access to instructors and qualified math tutors for assistance solving problems or understanding concepts. You will also have access to computers which can be used to work on homework.

Contacting Me: The best way to contact me outside of office hours is by using email. My office hours are Monday, 9:30-11:30 AM, Tuesday 12:45-2:15 PM, Wednesday 9:30-11:30 AM.

I am also available to help in the Math Lab on Mondays and Wednesday, 11:45-1:50 PM.

Homework: Homework for this class will be done online. You will need access to the Internet to complete the homework using Pearson MyMathLab. Typically assignments will be due on the meeting day following the day the material was covered. After the due date has passed, that assignment will no longer be available online. I encourage you to discuss the homework with classmates. However, you will be on your own during exams and quizzes, and the homework is designed to be preparation for these situations.
Quizzes: Quizzes consisting of problems similar to those in the homework will be given daily except on the day of an exam. There will be NO make-ups. In most cases, quizzes will be given during the first 10 to 15 minutes of class. **If you are not in class by the time the quiz has been assigned, you will receive a zero on the quiz and you will not be able to make it up.** Please try to make it to class on time.

Exams: There will be 4 exams during the semester and one comprehensive final exam. Tests must be taken on the date indicated on the course calendar. **Make-up tests will not be given.** In the event that it will help your grade, you may replace your lowest test score* with your score on the Final Exam.

Grades: Your semester grade will be determined using the following scale, rounded to the nearest percent. A: 90 – 100%, B: 80 – 89%, C: 70 – 79%, D: 60 – 69%, F: Less than 60%.

If your adjusted test average (your test average after replacing your lowest test score with your score on the final exam) is less than 70% at the end of the semester, your grade will be equal to your adjusted test average. In other words, to earn a C grade or higher, you must finish with a test average of a C or higher.

If your adjusted test average is 70% or greater, your grade will be determined using the following scale:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Homework</td>
<td>10%</td>
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<tr>
<td>Quizzes</td>
<td>15%</td>
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<tr>
<td>Tests</td>
<td>55%</td>
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<tr>
<td>Final Exam</td>
<td>20%</td>
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Calculators: A scientific calculator is required. On some quizzes and exams you will be allowed to use a calculator. If you do not have a calculator at the time of the quiz/test, you may NOT share one with a classmate. You may not use your cell phone calculator on quizzes or tests. Graphing calculators will not be allowed.

Additional Resources: My web page is [http://staffwww.fullcoll.edu/psjoberg](http://staffwww.fullcoll.edu/psjoberg). On the site you’ll find copies of handouts, frequent updates of your grades as well as links to other helpful resources on the Internet.

Student Honesty Policy: Cheating at the college level is a very serious offense. If I observe you cheating on any test or quiz will receive a zero. If there is a second incident, you will receive a zero and the college administration will be contacted. If you receive a zero on an exam for cheating, you may not replace that score with your score on the final exam.

Attendance: Attendance will be taken each class meeting at the beginning and end of class. You are expected to be present from the beginning of class until the end. If you are absent for three days total during the semester and you have not contacted me--you will be **dropped from the course.** Absences, excused or not do not excuse you for missed work. No make-ups will be given for missed work.

Fullerton College Policies: The Fullerton College Catalog and the Class Schedule contain a number of policies relating to students that are important to you. Please be sure that you have read these publications thoroughly. You may purchase copies of these publications at the campus bookstore, or you may read them online at the Fullerton College website, [www.fullcoll.edu](http://www.fullcoll.edu).

*If you receive a zero on an exam for cheating, you may not replace that score with your score on the final exam*