Prerequisite and Course Description

Prerequisite: Math 15, Prealgebra, with a grade of “C” or better or math skills clearance.

This course includes the properties of real numbers, factoring, exponents and radicals, solving and graphing linear equations, polynomials and rational algebraic expressions and linear systems of equations. A scientific calculator will be required for selected topics.

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.

Optional Material

Pearson Education, Inc., 2012

Please note there is a custom edition of the textbook for Fullerton College. The only difference is the cover.

Required Material

MyMathLab: Online homework component of the course. The textbook is contained online through MyMathLab.

Calculator: A scientific calculator. No calculator of any kind will be used for Quiz 1, Quiz 2, Quiz 3 and Exam 1. No graphing calculators will be allowed for this course. Don’t become dependent upon your calculator.
Cellular Phones:

While in class, turn cell phones off and put them away. Do not put your cell phone on the desk or your lap. If you are talking, text messaging or using the Internet via your cell phone during class, you will be asked to leave for the day. If cell phone usage during class continues, you may be asked to leave for two consecutive class meetings. If during the mandatory absence period, you miss an exam or quiz, you will not be allowed to make these up. **Cellular phones are not to be used as calculators for quizzes or exams.** iPods, MP3 players, CD players, PMPs, PVPs or PDAs, etc, are also not to be used in class.

Math Lab

Location: Library Learning Resource Center (LLRC), room 807
Hours: M-TH 7:00am – 8:45pm
     Friday 7:00am – 3:00pm
     Saturday 8:00am – 2:00pm

As part of this course students are required to spend an additional 50 minutes per week outside of class time engaged in instructional activities related to the course. The way to meet this requirement is to use the Fullerton College Math Lab. This is a weekly requirement. If you miss a week, you may not make up this time. No time is counted if you scan in and forget to scan out, go over 120 minutes at one time or go in at a time that you are registered in any class. If the 50 minutes per week is not met, your course grade may be lowered by one letter grade.

Online Homework

Homework assigned on a regular basis, will be done online at [www.coursecompass.com](http://www.coursecompass.com). The course ID is huerta34893. After you register online, make sure to use the installation wizard before attempting homework problems. There will be a total of 19 homework assignments; each is worth 5 points. You can redo the homework problems until you get them all correct, provided you complete them before the deadline. Your homework points will be the percentage you get correct multiplied by 5. For example, if you receive a 93% on Homework 1, you will earn 4.65 points for this assignment. Your **three lowest** homework assignment scores will be dropped. **Late homework will not be accepted; in fact you will no longer have access to the assignment.**

Quizzes

There will be eleven 20-point quizzes given. Each quiz will cover similar problems to the homework and or material covered in class. Your **two lowest** grades will be dropped. **There will be no make-up quizzes given.** If you are absent or miss the quiz given that day, then the missed quiz will count as a zero. If this score is one of your two lowest, then this score will be dropped.

Exams

There will be four exams and a final. Each exam is scantron, including the final. You will need an 882-E scantron and a #2 pencil for each exam. You are responsible for bringing the required materials on exam days. Your lowest score of the four exams will be dropped. There will be a comprehensive final exam on Tuesday, December 13, from 11:00 am – 12:50 pm. If you are absent on the day of an exam, then you will receive a zero for that exam. If this score is your lowest, then this score will be dropped. The final exam must be taken in order to complete the course. The final exam score cannot be dropped. If you fail to take the final exam, you will most likely receive an “F” as your letter grade for the course. **There will be no make-up exams given, including the final exam.**
Worksheets

Worksheets may be assigned throughout the semester. They will be worth 10 points each. If they are assigned, they will be computed as part of your final grade. If you are absent, be sure to contact your instructor to see if a worksheet was assigned that day.

<table>
<thead>
<tr>
<th>Grading</th>
<th>Grading Scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework</td>
<td>80 points</td>
</tr>
<tr>
<td>Quizzes</td>
<td>180 points</td>
</tr>
<tr>
<td>Exams</td>
<td>300 points</td>
</tr>
<tr>
<td>Final Exam</td>
<td>150 points</td>
</tr>
<tr>
<td>Total</td>
<td>710 points</td>
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</tbody>
</table>

Grading Scale

- 100% - 90% A
- 89% - 80% B
- 79% - 70% C
- 69% - 60% D

You need at least 497 points to pass the course with a 70%. If worksheets are assigned the points needed to obtain a 70% will be greater than 497 points. Remember a “D” is not passing.

Absences

If you miss 3 classes or 6 hours of instruction, the instructor reserves the right to drop you from the course. If you feel that you need to withdraw from the course, it is your responsibility to do so. Failure to do so may result in a grade of “F” for the course. The last day to drop without a “W” is Monday, September 5. The last day to drop with a “W” is Sunday, November 20.

Academic Dishonesty

Fullerton College does not tolerate cheating of any kind nor do I. If you are caught cheating on any quiz or exam, you will receive a zero for that particular quiz or exam. If a zero is given you may not drop this score. You may also receive an “F” for the course.

Tentative Schedule

The instructor reserves the right to change the contents of the syllabus at any time during the semester.

FULLERTON COLLEGE MATHEMATICS DIVISION
SELECTED COLLEGE POLICIES

ACADEMIC HONESTY POLICY

Students are expected to abide by ethical standards in preparing and presenting material which demonstrates their level of knowledge and which is used to determine grades. Such standards are founded on basic concepts of integrity and honesty. These include, but are not limited to, the following areas:

1. Students shall not plagiarize
2. Students shall not cheat
3. Students shall not furnish materials or information in order to enable another student to plagiarize or cheat.

Instructors may deal with academic dishonesty in one or more of the following ways:

1. Assign an appropriate academic penalty such as an oral reprimand or point reduction.
2. Assign an “F” on all or part of a particular paper, project, or exam.
3. Report to the appropriate administrators, with notification to the student(s), for disciplinary action by the College. Such a report will be accompanied by supporting evidence and documentation. Repeated violations may result in students receiving an “F” in the course, suspension or dismissal from the College.
AMERICANS WITH DISABILITIES ACT (ADA) STATEMENT
Fullerton College is committed to providing educational accommodations for students with disabilities upon the timely request by the student to the instructor. Verification of the disability must also be provided. The Disability Support Services office functions as a resource for students and faculty in the determination and provision of educational accommodations.

CHILDREN ON CAMPUS
Children are not allowed on campus unless supervised by a parent or guardian. Children may not attend classes or computer labs (unless the course is specifically designed to include children.) Children must be supervised so educational activities are not interrupted and may not be left unattended in common areas such as the library, student center, food services area, quad or college parking lots.

EMERGENCY RESPONSE STATEMENT
Take note of the safety features in and around the classroom. Also, please study the posted evacuation routes. The most direct route of exit may not be the safest. Running out of the building during earthquakes may be dangerous. During strong earthquakes, it is recommended to duck, cover, and hold until the quaking stops. Follow the guidance of your instructor. Your cooperation during emergencies can minimize the possibility of injury to yourself and others.

FULLERTON COLLEGE CATALOG AND CLASS SCHEDULE
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.

STANDARDS OF STUDENT CONDUCT AND DISCIPLINE POLICY
The standards of student conduct and disciplinary action for violation of Board Policy 5500 were approved by the NOCCCD Board on January 28, 2003, and were drawn in compliance with Sections 66300, 76030, 76033, 76034, 76036 of the State Education Code. Students are expected to respect and obey civil and criminal law and shall be subject to the legal penalties for violation of the city, county, state, and national law(s). Student conduct must conform to Board Policy and college regulations and procedures. As cited in BP5500, "A student who violates the standards of student conduct shall be subject to disciplinary action including, but not limited to, the removal, suspension or expulsion of the student."
Students have an obligation to familiarize themselves with the College’s policies, rules and regulations and to conduct themselves in a reasonable, respectful manner, which is conducive toward attaining their educational goal. Upon registration, each student should obtain a copy of the College Policies and Regulations: Standards of Student Conduct and Discipline Policy. Contained therein are the policies approved by the Board of Trustees governing student behavior and the applicable penalties for violations of these policies. Copies are available in the Student Affairs Office, the Office of Equity and Diversity, all division offices, and the Student Services office.

WAIT TIME FOR LATE INSTRUCTORS
If, due to unforeseen emergencies, the instructor does not arrive at the scheduled start time for class, students are to wait for fifteen minutes (unless otherwise notified by the division). If they do not receive notification to wait for their instructor to arrive, after 15 minutes the students may leave with no penalty for absence or assigned work due for that class meeting.