**Course Description:** This is a ten-week version of a typical precalculus course. There are two main goals for this course: to teach you the language of calculus, and to improve your problem solving organization and proficiency. The specific topics covered will be functions — with special attention to polynomial, rational, exponential, logarithmic, and trigonometric functions — as well as plane trigonometry, polar coordinates, and conic sections.

**Online Features:** This course will be taught in conjunction with the MyMathLab service by Pearson Education. See the final page of this syllabus for instructions on accessing the course content on MyMathLab. The course text is available to you online for a single year at the MyMathLab site. The benefits of this approach are (1) the cost to you is approximately 40% of that of the regular printed text; (2) you can view your text on either a computer or mobile device; and (3) the interactive features of MyMathLab will give you an immense amount of flexibility and power in your studying. There is also a free app called MyDashBoard that allows you to view course announcements and assignment deadlines easily from your mobile device. It is available for Apple and Android devices.

**Course Grade:** Your final grade for the course is determined by

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
<th>Date</th>
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<tbody>
<tr>
<td>MyMathLab Homework</td>
<td>20%</td>
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<tr>
<td>Participation/Effort</td>
<td>10%</td>
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<td>Quizzes</td>
<td>10%</td>
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<tr>
<td>Midterm Exam</td>
<td>20%</td>
<td>November 8</td>
</tr>
<tr>
<td>Final Exam</td>
<td>40%</td>
<td>December 13</td>
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**Homework:** Regular homework assignments will be given through MyMathLab. You will be able to try each problem several times, and there is a large collection of sample problems to help you through each assignment. The homework is designed to help you master and retain the course material. And even though it is assigned on the computer, the best way to do the assignment is to sit down with a pad and paper and write each problem out as you go. That way you can learn from your mistakes more easily. (I believe that you learn more in mathematics from making mistakes than you do from getting a problem correct.)

**Participation/Effort:** I expect you to attend and engage in every meeting of the class. Part of each meeting will be devoted to solving problems and discussing solutions. This is a collaborative effort designed to help you succeed. Also, the *Study Plan* feature of MyMathLab allows you to log your studying and extra practice; I will take this into account when I award your grade for effort.

**Quizzes:** There will be a short quiz during each meeting of the course. The quizzes are designed to give you a chance to practice solving mathematical problems in an organized fashion, and to give you further feedback as to your progress in the course.

**Exams:** The dates for the exams are given in the table above. By registering for the course, you are agreeing to be present for the exams. Both exams will occur during the regular course meeting time.

**Collaboration Policy:** This material is challenging, but you don’t have to do it alone. I encourage you to talk with your classmates and with me about the course material. However, when it comes time to do the homework, you are responsible for doing it solo.

**Intellectual Property:** I hold the copyright for any materials that I produce for this course. Please do not redistribute any of these materials — either physically or electronically — without my explicit permission.
To register for Math 140 - Fall Extension 2012:

2. Under Register, click Student.
3. Enter your instructor’s course ID: faber91636, and click Continue.
4. Sign in with an existing Pearson account or create an account:
   · If you have used a Pearson website (for example, MyITLab, Mastering, MyMathLab, or MyPsychLab), enter your Pearson username and password. Click Sign In.
   · If you do not have a Pearson account, click Create. Write down your new Pearson username and password to help you remember them.
5. Select an option to access your instructor’s online course:
   · Use the access code that came with your textbook or that you purchased separately from the bookstore.
   · Buy access using a credit card or PayPal.
   · If available, get 17 days of temporary access. (Look for a link near the bottom of the page.)
6. Click Go To Your Course on the Confirmation page. Under MyLab / Mastering New Design on the left, click Math 140 - Fall Extension 2012 to start your work.

Retaking or continuing a course?

If you are retaking this course or enrolling in another course with the same book, be sure to use your existing Pearson username and password. You will not need to pay again.

To sign in later:

2. Click Sign In.
3. Enter your Pearson account username and password. Click Sign In.
4. Under MyLab / Mastering New Design on the left, click Math 140 - Fall Extension 2012 to start your work.

Additional Information

See Students > Get Started on the website for detailed instructions on registering with an access code, credit card, PayPal, or temporary access.