

**Math 1060Q Syllabus**  
**Fall 2014**

**Instructor:** Jeffrey Connors

**E-mail:** jeffrey.connors@uconn.edu

**Office:** ACD 114C

**Office hours:** M,W 3-4 PM, or by appointment. If you need help you should also consider going to the Academic Center in ACD 107.

**Class time and room:** M,W 9:25 - 10:40 AM in ACD 211

**Text:** *PreCalculus, 5th Edition* by Faires and DeFranza.

**Homework:** Homework will follow a weekly cycle. We will use the WebAssign system: [www.webassign.net](http://www.webassign.net). No homework grades will be dropped. Late homework is not accepted without receiving my permission on or before the due date, which will require a reasonable explanation as to why the homework cannot be completed on time.

**Quizzes:** These will be administered near the beginning of most classes and will be related to the material covered during the previous lecture (see the schedule below). The lowest three quiz grades will be dropped. **There will be no make-up quizzes.**

**Calculators:** The use of calculators will not be permitted on exams or quizzes. Calculators may be used on homework.

|                 |          |     |
|-----------------|----------|-----|
| <b>Grading:</b> | Homework | 30% |
|                 | Quizzes  | 10% |
|                 | Exam 1   | 15% |
|                 | Exam 2   | 15% |
|                 | Final    | 30% |

**Final exam:** Currently scheduled for Dec. 10 from 10:30 AM - 12:30 PM in ACD 211.

**Final exam rescheduling policy:**

Finals week for fall 2014 takes place from Monday, December 8th, through Sunday, December 14th. Students are required to be available for their exam and/or complete any assessment during the time stated in the Registrar's Office schedule. If you have a conflict with this time you must visit the Avery Point Student Services Office to discuss the possibility of rescheduling this final. The Office of Student Services **REQUIRES** advance notice from students who have prior knowledge of a conflict (i.e., bunched finals, religious obligation, legal/medical appointments, etc.) Students must come to Student Services to seek permission to reschedule their final. Please note that vacations, previously purchased tickets or reservations, graduations, social events, misreading the assessment schedule and over-sleeping are not viable reasons for rescheduling a final. If you think that your situation warrants permission to reschedule, please contact the Office of Student Services (Branford House 306) to make an appointment with the Director of Student Services (860) 405-9024 or [www.advapp.uconn.edu](http://www.advapp.uconn.edu) (choose Avery Point from the drop down menu).

| Date     | Book Sections | Topics                                | Notes                         |
|----------|---------------|---------------------------------------|-------------------------------|
| Aug. 25  | 1.2           | Real number system                    |                               |
| Aug. 27  | 1.3           | Coordinate plane, circles             | Quiz on 1.2                   |
| Sept. 1  |               |                                       | Labor Day - no class          |
| Sept. 3  | 1.4, 1.6      | Equations, graphs and functions       | Quiz on 1.3                   |
| Sept. 8  | 1.6, 1.7      | Linear functions                      | Quiz on 1.4                   |
| Sept. 10 | 1.8           | Quadratic functions                   | Quiz on 1.6, 1.7              |
| Sept. 15 | 2.1-2.2       | Some other common functions           | Quiz on 1.8                   |
| Sept. 17 | 2.3           | Arithmetic with functions             | Quiz on 2.1-2.2               |
| Sept. 22 | 2.4           | Compositions of functions             | Quiz on 2.3                   |
| Sept. 24 | 1.1-2.4       | Review for Exam 1                     |                               |
| Sept. 29 |               |                                       | <b>EXAM 1</b>                 |
| Oct. 1   | 3.1-3.2       | Polynomials                           |                               |
| Oct. 6   | 3.3           | Factors and zeros                     | Quiz on 3.1-3.2               |
| Oct. 8   | 3.4           | Rational functions                    | Quiz on 3.3                   |
| Oct. 13  | 4.1-4.3       | Measuring angles, right triangles     | Quiz on 3.4                   |
| Oct. 15  | 4.4           | Sinusoidal functions                  | Quiz on 4.1-4.3               |
| Oct. 20  | 4.5           | Sinusoidal graphs                     | Quiz on 4.4                   |
| Oct. 22  | 4.6           | Other trig. functions                 | Quiz on 4.5                   |
| Oct. 27  | 4.7           | Trigonometric identities              | Quiz on 4.6                   |
| Oct. 29  | 4.9           | Law of Sines, Law of Cosines          | Quiz on 4.7                   |
| Nov. 3   | 3.1-4.9       | Review for Exam 2                     |                               |
| Nov. 5   |               |                                       | <b>EXAM 2</b>                 |
| Nov. 10  | 2.5           | Inverse functions                     |                               |
| Nov. 12  | 4.8           | Inverse trig. functions               | Quiz on 2.5                   |
| Nov. 17  | 5.1-5.2       | Exponential and logarithmic functions | Quiz on 4.8                   |
| Nov. 19  | 5.3           | Logarithm functions                   | Quiz on 5.1-5.2               |
| Nov. 24  |               |                                       | Thanksgiving break - no class |
| Nov. 26  |               |                                       | Thanksgiving break - no class |
| Dec. 1   | 5.4           | Exponential growth and decay          | Quiz on 5.3                   |
| Dec. 3   | All           | Review for final exam                 |                               |
| Dec. 8   |               |                                       | Finals week - no class        |
| Dec. 10  |               |                                       | <b>FINAL EXAM</b>             |