Math 119 – Precalculus Trigonometry
Spring 2008
Syllabus

<table>
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<tr>
<th>Professor: Dr. Nathan Wodarz</th>
<th>Office: SCI B335</th>
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<tr>
<td>Email: <a href="mailto:nwodarz@uwsp.edu">nwodarz@uwsp.edu</a></td>
<td>Phone: 346-3968</td>
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Class Meetings:

- **Section 1**: T W R F 1:00 – 1:50 PM (Sci A225)
  This class meets for the first 8 weeks.

Office Hours: M T W R 2:00 – 2:50 PM (or by appointment)

Class Webpage: [http://www.uwsp.edu/math/nwodarz/Math119.htm](http://www.uwsp.edu/math/nwodarz/Math119.htm)


Prerequisites: Math 100 or suitable placement test score

Calculators and Computers: A graphing calculator will be necessary for this course in order to complete homework assignments and exams. Please be sure to bring one to class regularly. Your best option is a calculator from the TI-series, such as a TI-84 or TI-86. You will be responsible for knowing how to properly use your calculator. Calculators with QWERTY-style keyboards, such as the TI-92, and calculators with symbolic capabilities, such as the TI-89, will not be allowed without special permission.

Course Objectives: The main purpose of any mathematics course is to help develop the student’s analytical and critical thinking skills. We will do this through the following means.

- Using the language and notation of trigonometry.
- Applying algebraic methods to geometric problems.
- Using trigonometry to model real-world situations.

In addition, Math 119 (and Math 118) are designed to prepare students to succeed in Math 120 (Calculus I).
Course Topics: We will cover as much of Chapters 5 through 8 in the text as time permits. The topics covered in these chapters include

- Trigonometric Functions
- Analytic Trigonometry
- Applications of Trigonometric Functions
- Polar Coordinates
- Vectors

Assistance: Don’t be afraid to ask for help. There are many ways in which you can receive assistance for this course, here are a few: ask a question in class, ask me during office hours, ask me in an email, go to the Math Room (SCI A113A), go to the Tutoring and Learning Center (below the library). Hours for the Math Room will be announced within the first two weeks of class.

Disability Accommodations: Reasonable accommodations are available for students who have a documented disability. Please notify me during the first week of class of any accommodations needed for the course. All accommodations must be approved through Disability Services, located at 103 Student Services Center or [http://www.uwsp.edu/special/disability/](http://www.uwsp.edu/special/disability/)

Academic Misconduct: Students should be familiar with UWSP’s academic standards, which can be found online at [http://www.uwsp.edu/admin/stuaffairs/rights/rightsChap14.pdf](http://www.uwsp.edu/admin/stuaffairs/rights/rightsChap14.pdf) Academic misconduct includes, but is not limited to, such activities as cheating on a test, working with others when forbidden, or copying another student’s work. Any academic misconduct will be met with disciplinary action. These are spelled out in the document at the above address. Potential disciplinary action may range from a warning to expulsion from the university, as appropriate.

Students’ Rights: As students, you have a number of rights and responsibilities. Be sure to read the Community Bill of Rights, found at [http://www.uwsp.edu/admin/stuaffairs/rights/](http://www.uwsp.edu/admin/stuaffairs/rights/)
Grading: The grade will be determined by the following items:

- **Homework Sets** (30%) Homework will be given on a weekly basis. This will be done on WeBWorK, online at [http://hosted2.webwork.rochester.edu/webwork2/UWSP_math119](http://hosted2.webwork.rochester.edu/webwork2/UWSP_math119) (there will be a link on the course web page). Each assignment will be weighted equally.

- **Quizzes** (20%) We will have 10 minute quizzes on Fridays when no midterm exam is scheduled. The first quiz will be Fri. Feb. 1st. Quizzes will be weighted equally, and you will be allowed to drop your lowest quiz score.

- **Exams** (50%) We will have 3 exams, approximately every third Friday. The dates of the exams are
  - Fri. Feb. 8th
  - Fri. Feb. 22nd
  - Fri. Mar. 14th

  Your best two exams will each count as 20% of your semester grade, and the remaining exam will count as 10%.

Grading Scale:

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<tr>
<th>Grade</th>
<th>A</th>
<th>A-</th>
<th>B+</th>
<th>B</th>
<th>B-</th>
<th>C+</th>
<th>C</th>
<th>C-</th>
<th>D+</th>
<th>D</th>
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<tbody>
<tr>
<td>Percentage</td>
<td>92%</td>
<td>90%</td>
<td>88%</td>
<td>82%</td>
<td>80%</td>
<td>78%</td>
<td>72%</td>
<td>70%</td>
<td>68%</td>
<td>62%</td>
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Grading Scale: The percentages listed below will guarantee at least the indicated grade. I will examine every student’s grade at the end of the semester and may raise individual grades in some circumstances, although I will never lower one. Under no circumstances will I raise a grade at a student’s request, outside of correcting misrecorded scores.
Attendance: Attendance will not be formally recorded or graded, but I will often make note of students who miss class. You are responsible for the content of any announcement made in class, regardless of whether you were present. If you can’t reach your instructors in an emergency, visit the Student Academic Advising Center, SSC 103, or call them at 715-346-3361.

Make-up Work: No make-up work will be allowed. You are allowed to drop your lowest quiz score and your lowest exam score. Students who miss class for sporting events or other official university business will be allowed to take quizzes or exams early, provided that written documentation is presented. It is the responsibility of any such student to make arrangements with me before the absence.