1. Course Title:

Pre-Calculus Mathematics II
MATH 154 – 5 Credits
5 hr Lecture per week
MET Core Program Requirement
Prerequisite: MATH 153 or a 17 or better on the Math Placement Test (Advanced)
This is a Mathematics content course under ABET Criterion 5

2. Faculty Member Information:
   Instructor: Erin M.Lee
   Office: Hertz 101B
   Phone: 509- 963-2040
   E-mail: LeeE@cwu.edu

3. Course Description:
   A continuation of MATH 153 with emphasis on trigonometric functions, vectors, systems of equations, the complex numbers, and an introduction to analytic geometry.

4. Textbook and other required materials for the course:
   Precalculus, A Problems-Oriented Approach (6th Edition) by David Cohen
   Calculator—You are required to use a graphing calculator in this course. such as a TI-83+.

5. Specific Learner and Expressive Outcomes and Assessment Strategies:

<table>
<thead>
<tr>
<th>ABET Outcome Criteria #</th>
<th>Learner Outcomes</th>
<th>Assessment</th>
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6. Course Topics and Schedule:

This course is a continuation of Math 153 with emphasis on trigonometric functions. The course content will focus on chapters 6-9 in the text
7. Grading:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
<th>Notes</th>
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<tbody>
<tr>
<td>Quizzes</td>
<td>25%</td>
<td>You can expect a quiz on most Fridays.</td>
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<tr>
<td>Exams</td>
<td>50%</td>
<td>There will be 3 regular exams given during the quarter</td>
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<tr>
<td>Final Exam</td>
<td>25%</td>
<td>The final will be cumulative</td>
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Your grade in this class will be determined on the following scale:

- 93-100% A
- 87-89% B +
- 77-79% C +
- 67-69% D +
- Below 60% F
- 90-92% A -
- 83-86% B
- 73-76% C
- 63-66% D
- 80-82% B -
- 70-72% C -
- 60-62% D -

8. ADA Statement:

Students who have special needs or disabilities that may affect their ability to access information and or material presented in this course are encouraged to contact me or Robert Harden, ADA Compliance Officer, Director, ADA Affairs and Students Assistance on campus at 963-2171 for additional disability related educational accommodations.

Prepared by Roger Beardsley June 22, 2009