Math 126 PreCalculus I
Section 1006/1007

Jeff Downs
E-Mail: downs@wnc.edu
Homepage: http://www.wnc.edu/~downs
Office: Piñon F-1
Phone: 423-7988 x2251

Office Hours:
T Th: 11:00 AM – 1:00 PM
W: 12:30 PM – 1:30 PM
or by appointment

Prerequisites: MATH 96 or three units of high school mathematics at the level of algebra and above.

Course Description: Provides a third course in algebra. Topics include: polynomial, rational and radical equations; absolute value and quadratic inequalities; relations and functions; linear, quadratic, polynomial exponential and logarithmic functions, their graphs and applications; and systems of equations.

Linkage to College Mission: apply mathematical/analytical problem solving skills through the use of polynomial, exponential, and logarithmic functions, the application of systems of equations, and the application of matrices. Provide instruction that contributes to a student’s ability to think critically and solve problems; to reason mathematically and apply computational skills.


Supplies: Text, PURCHASE OF TEXAS INSTRUMENTS TI-89 GRAPHING CALCULATOR RECOMMENDED BUT NOT REQUIRED.

Grading Scale: A 90 – 100%
B 80 – 89%
C 70 – 79%
D 60 – 69%
F below 60%

Grade Breakdown:
Midterm: 1 @ 200 points each = 200 points
Participation: Min. of 10 postings @ 10 points= 100 points
Homework: 5 chapters @ 40 points each = 200 points
Quizzes: 10 @10 points each= 100 points
Final: 1 @ 200 points
Total 800 points

Exams: There will be a midterm. You may take a paper exam or an online exam. Online exams are through Hawkes Learning Systems and may be repeated to improve the grade. Paper exams are downloaded and transmitted back to the instructor by the due date. Paper Exams may only be taken once, but the student may choose to improve the grade with an online exam. There will be NO MAKEUP for missed exams. The due date for the midterm is October 17. Paper exams must be in my possession by that date.
**Participation:** You must provide at least 10 postings in the discussion board. The postings must be substantive and not simply say, “I agree”. You can either ask a question from our material or you can answer a question. Your first posting should be an introduction about yourself.

**Homework:** You have two choices for homework in this class. You can either do the Hawkes Learning System section certifications or you can do the homework assigned with each lesson in class. Homework counts for a total of 200 points. If you try the Hawkes and would prefer to go with traditional homework, you may do so. If you do the traditional paper homework, you must fax, email, or mail your homework to me to be postmarked by the day of the exam. I strongly encourage students to mail a copy of their homework in case it is lost in the mail.

**Quizzes:** There will be 11 quizzes in Moodle. The top 10 quizzes will count for the grade.

**Final Exam:** There will be a Final Exam due on December 12. It may be taken on paper or online.

**Attendance:** Students are expected to participate and keep pace on a regular basis. Students failing to keep pace or answer emails from the instructor for two or more weeks may be dropped from the course. Any departure from the attendance policy must be pre-approved by September 2, 2012.

**Ethics Statement:** No cheating of any kind will be tolerated. Any student caught cheating, attempting to cheat or assisting in the cheating of another student will be expelled from the class with a failing grade.

**Note:** Please be polite and deactivate audio devices prior to entering class. Pagers and Cellular phones are distracting. Please do not receive calls during class time.

**Grade Appeals** can be made to Brigitte Dillet at: bdillet@wnc.edu

**Disability Statement:** I encourage any student needing to request accommodations for a specific disability to please meet with me or the DSS coordinator (445-3275) at your earliest convenience to ensure timely and appropriate accommodations.

**Important Dates:**
- August 27: Classes begin. Classes dropped from this date on will receive a “W”.
- August 31: Last day to receive a 100% refund.
- September 3: Labor Day Holiday, college closed.
- September 7: Last day to pay for classes with a late fee. Late registration ends.
- October 20: Last day to change credit to audit or audit to credit.
- October 26: Last day to drop fall classes with a “W”.
- October 26: Nevada Day Holiday, college closed.
- November 12: Veterans Day Holiday Observed, college closed.
- November 21-23: Thanksgiving Holiday, college closed.
- December 10 – 14: Final Exam Week
<table>
<thead>
<tr>
<th>Week of</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug 27</td>
<td>1.2/1.3/1.4</td>
<td>Weekly Meeting</td>
<td>Quiz 1 Available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sept 3</td>
<td>Labor Day No Class</td>
<td>1.5/1.6/1.7/1.8 Quiz 1 due</td>
<td>Weekly Meeting</td>
<td>Quiz 2 Available</td>
<td></td>
</tr>
<tr>
<td>Sept 10</td>
<td>2.1/2.2/2.3 Quiz 2 due</td>
<td>Weekly Meeting</td>
<td>Quiz 3 Available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sept 17</td>
<td>2.4/2.5/2.6 Quiz 3 due</td>
<td>Weekly Meeting</td>
<td>Quiz 4 Available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sept 24</td>
<td>3.1/3.2/3.3/3.4 Quiz 4 due</td>
<td>Weekly Meeting</td>
<td>Quiz 5 Available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oct 1</td>
<td>3.5/3.6/3.7 Quiz 5 due</td>
<td>Weekly Meeting</td>
<td>Quiz 6 Available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oct 8</td>
<td>Practice Midterm Quiz 6 due</td>
<td>Meeting over Practice Midterm</td>
<td>Midterm Available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oct 15</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Midterm Due</td>
</tr>
<tr>
<td>Oct 22</td>
<td>4.1/4.2</td>
<td>Weekly Meeting</td>
<td>Quiz 7 Available</td>
<td>Nevada Day No Class</td>
<td></td>
</tr>
<tr>
<td>Oct 29</td>
<td>4.3/4.4 Quiz 7 due</td>
<td>Weekly Meeting</td>
<td>Quiz 8 Available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nov 5</td>
<td>4.5/5.1 Quiz 8 due</td>
<td>Weekly Meeting</td>
<td>Quiz 9 Available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nov 12</td>
<td>Veterans Day No Class</td>
<td>5.2/5.3 Quiz 9 due</td>
<td>Weekly Meeting</td>
<td>Quiz 10 Available</td>
<td></td>
</tr>
<tr>
<td>Nov 19</td>
<td>5.4 Quiz 10 due</td>
<td>Instructional Holiday</td>
<td>Thanksgiving</td>
<td>Family Day No Class</td>
<td></td>
</tr>
<tr>
<td>Nov 26</td>
<td>5.5</td>
<td>Weekly Meeting</td>
<td>Quiz 11 Available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dec 3</td>
<td>Practice Final Quiz 11 due</td>
<td>Meeting over Practice Final</td>
<td>Final Exam Available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dec 10</td>
<td></td>
<td></td>
<td>Final Exam Due</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: All quizzes are available for review immediately after the due date.