Advanced Topics in Intermediate Algebra

If you pass the 80F exam on December 11, you will be eligible to take MATH & 141. If you do not pass the 80F exam on December 11, you must retake MATH 80F to be eligible for MATH& 141. You have already met the prerequisite for MATHS 107, 201, 205, and 115.

It is departmental policy that you earn at least 50% of the points possible in the Homework category of your grade to be eligible to take the common final exam on December 11.

Course Description: MATH 80F covers techniques used to simplify rational and radical expressions and to solve rational and radical equations.

General Learning Outcomes:
- Students will be able to simplify rational expressions.
- Students will be able to solve rational equations in one variable.
- Students will be able to simplify radical expressions.
- Students will be able to solve radical equations in one variable.
- Students will be able to factor quadratic-type expressions.
- Students will be able to perform polynomial division.
- Students will be able to find the natural domain of rational and radical functions.

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Office Hours: Monday through Friday 8:30-9:20 a.m. In addition to my scheduled office hour, you may stop by at any time or make an appointment to meet with me. You may also contact me by email or phone. You are responsible for all course material; if you do not understand a concept or problem please don’t hesitate to ask a classmate, a tutor, or me.

Text: The required textbook is Developmental Mathematics with Applications and Visualization by Rockswold and Krieger, in electronic form in MyLabsPlus. A previously purchased MyLabsPlus access code for this book should still be valid. It is your responsibility to read and study the sections of the book that we cover.

Email: MyLabsPlus uses your WWCC student email account. Communicating with me via your WWCC email account prevents your email from landing in my junk mail, allows me to easily identify the sender, and provides confidentiality. To activate your student email account, go to the WWCC Homepage and click the Student Email link at the top of the page. You will need to check your WWCC email regularly.
**Calculator:** A scientific calculator is required for the course. *Graphing calculators and cell phones are not allowed.*

**Attendance:** Attendance is crucial for success in this course. You will be learning math by doing math during class—either individually or as part of a group. Points are assigned to each activity and absences or late arrivals usually result in a loss of points. If you should miss a class, you are responsible for all announcements made concerning the course, for the material covered, and for any assignments missed. Cell phone use (this includes text messaging) is not allowed during class. *If you are using your phone during class, I will ask you to leave for the remaining portion of class—you will not be allowed to make up missed points.*

**Exercise Sets:** Exercise sets will consist of three parts: “Practice”, “Skills Check”, and “Exam Question Bank”. The practice and skills check portions are assigned and submitted in MyLabsPlus. In the Practice portion, the help options in MyLabsPlus will be available. In the Skills Check portion, the help options will not be available. The paper and pencil work for the test bank portion must be submitted the day after it is assigned. *No late exercise sets are accepted; however, you may complete an assignment early. Your lowest homework score will be dropped at the end of the quarter.*

**Notebooks:** I strongly urge you to keep a three-ring binder for our class. The content in your binder should be neat and organized by chapter. Your binder should include: 1) notes from the book, videos, and class, 2) worked out solutions to Practice, Skills Check, and paper and pencil problems, 3) all quizzes, 4) all activities, and 5) extra test bank practice.

**Quizzes:** Quizzes will be given frequently. It is essential that you arrive on time to take the quiz. *There will be no opportunity to make up missed quizzes.* If you must miss class for a WWCC-related function, contact me at least one week in advance in order to make proper arrangements. Your lowest quiz score will be dropped at the end of the quarter. It is your responsibility to provide a scientific calculator for quizzes. Cell phones, headphones, computers, graphing calculators, and sharing calculators are prohibited during quizzes.

**Activities:** It is essential that you come to class prepared to participate in activities. The points you earn will reflect your preparation, your involvement, and your completed work. You must be present to earn activity points. *There will be no opportunity to make up missed activities.* Your lowest activity score will be dropped at the end of the quarter.

**Comprehensive Common Exam:** You must earn at least 50% of the points possible in the Homework category of your grade to be eligible to take the common exam. *YOU MUST PASS THE COMPREHENSIVE COMMON EXAM TO EARN A C OR HIGHER IN THE COURSE.* Unless you have official accommodations from Disability Support Services, you must take the exam in our classroom during the allotted 50 minutes on Thursday, December 11 (there will be no extra time given). If you have official accommodations, schedule with the Testing Center as soon as possible. The exam is a paper and pencil assessment. You may use a scientific calculator during the exam; you may not use cell phones, graphing calculators, books, notes nor any other materials.
**Grading Policy:** To receive a C or higher in MATH 80F, students MUST pass the comprehensive common exam written and graded by the Math Department. This is true even if you have earned all of the points possible prior to the final exam!

<table>
<thead>
<tr>
<th>Grade</th>
<th>Pass Exam</th>
<th>Do Not Pass Exam</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>93-100% of class points</td>
<td>Not possible</td>
</tr>
<tr>
<td>A-</td>
<td>90-92.99% of class points</td>
<td>Not possible</td>
</tr>
<tr>
<td>B+</td>
<td>87-89.99% of class points</td>
<td>Not possible</td>
</tr>
<tr>
<td>B</td>
<td>83-86.99% of class points</td>
<td>Not possible</td>
</tr>
<tr>
<td>B-</td>
<td>80-82.99% of class points</td>
<td>Not possible</td>
</tr>
<tr>
<td>C+</td>
<td>76-79.99% of class points</td>
<td>Not possible</td>
</tr>
<tr>
<td>C</td>
<td>0-75.99% of class points</td>
<td>Not possible</td>
</tr>
<tr>
<td>D+</td>
<td>Not possible</td>
<td>67-100% of class points</td>
</tr>
<tr>
<td>D</td>
<td>Not possible</td>
<td>60-66.99% of class points</td>
</tr>
<tr>
<td>F</td>
<td>Not possible</td>
<td>0-59.99% of class points</td>
</tr>
</tbody>
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The class points are distributed as follows:

- 20% Homework (5% Practice, 5% Skills Check, 10% Paper and Pencil)
- 15% Quizzes
- 15% Activities
- 50% Comprehensive Common Exam

Final course grades are not determined until the end of the quarter. If you:
- pass both 78E and 80F, you earn 2.5 credits for each.
- pass 78E but not 80F, you earn 5 credits for 78E and no credit for 80F.

**Academic Integrity:** Academic dishonesty (cheating) is not tolerated and will result in a 0 grade.

**Accommodations:** To request accommodations related to a disability, contact Claudia Angus, Ph.D., Coordinator of Disability Support Services, at 527-4262 or email claudia.angus@wwcc.edu.

**Effort:** Plan to spend a solid two hours outside of class every day reading, studying, and doing math. I encourage you to work in groups and obtain help from the Tutoring and Learning Center in Room 244. At the same time, it is essential that you take personal responsibility to understand the course material and be able to solve the problems independently. You are in charge of your success!