

**STUDENT SUPPORT SERVICES MATH 1050  
COLLEGE ALGEBRA FALL 2009**

**Instructor: Marie T. Donigan**  
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**Office Hours: MTWF 2:30 - 3:30**  
**R 8:30 - 10:00**  
**(Or by appointment)**

**Textbook:** Precalculus: A Graphing Approach; Larson, Hostetler, Edwards; 5<sup>th</sup> Edition

**Calculator:** A graphing calculator is required.

**Grading:** Homework - 10%, Quizzes - 10%, Chapter Exams - 40%, Test Corrections - 10% and Final Exam - 30%. The final exam is a comprehensive departmental exam.

Students who fall below 70% accuracy on homework, quizzes, or exams are expected to meet individually with the instructor and/or get help from the math tutors. Studies have shown that studying with other students is also an effective way to increase your understanding of mathematics.

**Attendance** in class is crucial. Class-time will be spent answering question about homework and discussing new material. Students are encouraged to ask and answer questions and to participate in classroom discussions and activities. It should be noted that it is impossible to cover textbook material in the same depth that it is presented in the textbook itself. Students are expected to study the textbook to learn information not presented in class. Students who must miss class are responsible for contacting the instructor *in advance*, making arrangements to turn in assignments that are due, and getting notes. Students who miss class repeatedly or fail to consult with the instructor will be referred to the director, Nazih Al-rashid.

**Homework** is due on the class day following the day that the assignment is given. Students should expect to spend 2-3 hours completing each assignment. Doing the homework promptly prepares the student for the new material that will be presented in the next class period.

**Quizzes** are given frequently and without prior announcement. Students who are absent when quizzes are given will receive a score of 0 unless arrangements are made with the instructor when she is notified of the absence. The two lowest quiz scores will be dropped.

**Test Corrections:** All students are required to do corrections on every exam. These will be due one week after the exam is returned. Instructions for doing the corrections will be given when the first exam is returned. In the past, students have found this to be a valuable learning experience. It is also motivation to do well on the exam so that the correction process is minimized.

**Qualified students with disabilities may be eligible for reasonable accommodations. All accommodations are coordinated through the Disability Resource Center (DRC) in Room 101 of the University Inn, 797-2444 voice, 797-0740 TTY, or toll free at 1-800-259-2966. Please contact the DRC as early in the semester as possible. Alternate format materials (Braille, large print or digital) are available with advance notice.**

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| DATE* | SECTION | PAGE          | PROBABLE ASSIGNMENT |   |
|-------|---------|---------------|---------------------|---|
| AUG   | 24      | P.1           | 9                   | 5,9,29,37,41,47,53,57,61,63,65,73,79,87,99,101,103,105,111, 113,123,124   |
|       | 25      | P.2           | 21                  | 3-19odd;27,31,37,39,41,43,45,47,51,59,63,81,83,85,87,89,91,93,99,101,107  |
|       | 26      | P.3           | 32                  | 1-7odd;15,19,23,29,31,37,41,43,47,59,67odd;71,73,77,79,81,85,87,105,107,<br>113,115,121,127,129,135,141,145,147,157 |
|       | 28      | P.4           | 44                  | 7,11,15,17,21,25, 29,33,37, 45,47,49,53,57,59,63,67,79,93   |
| ----- |         |               |                     |   |
|       |         |               | ---                 |   |
|       | 31      | P.5           | 54                  | 11,15,17,19,27,35,39,41,49,61,65,67,75,87,89  |
| SEPT  | 1       | Review        | 69                  | 7,13,27,29,31,35,43,49,57,61,67,71,75,79,89,91,95,101,103,111-119odd;<br>135,137                                    |
|       | 2       | 1.1           | 84                  | 3,11,13,15,25,27,47,55,59,67,71,75  |
|       | 4       | 1.2           | 96                  | 1-7odd;11-35odd;43,45,47,51-57odd;61-69odd;73-87odd   |
| ----- |         |               |                     |   |
|       |         |               |                     | ---   |
|       | 7       |               |                     | LABOR DAY HOLIDAY   |
|       | 8       | 1.3           | 109                 | 1-7odd;13-33odd;39,43-65odd;69,71,77  |
|       | 9       | 1.4           | 123                 | 1-23odd;27,31,33,39(b),47,59,61,65,69,77,85,91  |
|       | 11      | 1.5           | 133                 | 7(use calculator),17,19-25odd;33-55odd;65,67  |
| ----- |         |               |                     |   |
|       |         |               |                     | ---   |
|       | 14      | 1.6           | 143                 | 5-21odd; 29,31,35-59odd;65-73odd;77-83odd   |
|       | 15      | 1.7           | 154                 | 1-43odd;49,51,55,61,65-77odd;106,111-117odd   |
|       | 16      | Review        | 159                 | 9,15,23,27,29,31,33,37,39,41,47-61odd;65,67,69,73,75,79,85,89,95-105odd;<br>111-121odd                              |
|       | 18      | Review        | 73<br>163           | 1-19, 21<br>7-25  |
| ----- |         |               |                     |   |
|       |         |               |                     | ---   |
|       | 21      | <b>EXAM 1</b> |                     | <b>P.1-P.5 and 1.1-1.7</b>  |
|       | 22      | 2.1           | 172                 | 3,7,9,11,15-79odd;85  |
|       | 23      | 2.2           | 183                 | 1-7odd;11,17,19,23,25,31,33,37,41,43,51,59,63,67,75,79,85   |
|       | 25      | 2.3           | 193                 | 5-61odd;65-75odd<br>(through example 5 only)  |
| ----- |         |               |                     |   |
| ---   | 28      | 2.4           | 205                 | 3-11odd;15-33odd;39,47,51-67odd;71,75,77,79,81,83,85(a),89,91   |
|       | 29      | 2.5           | 216                 | 1-49odd;53-71odd;75,77(e),79,81,83  |
|       | 30      | 2.6           | 228                 | 1,3,5,9-19odd;23,29-59 odd; 63-81odd;85,93  |
| OCT   | 2       | Review        | 242                 | 5-15odd,19,25-47odd,55-75odd,79-109odd  |
| ----- |         |               |                     |   |
|       | 5       | 3.1           | 259                 | 1-45odd;53,55,57(solve algebraically)59,65  |
|       | 6       | 3.2           | 273                 | 1-11odd;15,19,23-45odd;49-69odd;79,87,91a,b,d;107   |
|       | 7       | 3.3           | 287                 | 3,11,15-21odd;25,29,31,37-57odd;61,63,65,69,75,93   |
|       | 9       | 3.4           | 296                 | 1-7odd;11,13,15,19,21,27,31,35,37,39,43,47,49-55odd;59,63   |
| ----- |         |               |                     |   |

\*These dates are tentative. There are extra review days at the end of the semester. At anytime I may choose to use one or both of these days to spend additional time on a difficult section and the remaining dates will have to be adjusted accordingly..

| DATE  | SECTION | PAGE                 | PROBABLE ASSIGNMENT  |  |
|-------|---------|----------------------|--|--|
| OCT   | 12      | Review               | 325  | 1-9odd,13,17-29odd,33,37,47-61odd,65,67,69,73,77,79,81   |
|       | 13      | Review               | 246  | 1-10;11-14(solve algebraically);15-25  |
|       |         |                      | 247  | 21-25,28-34(solve algebraically),39-44   |
|       |         |                      | 330  | 1-10;12,14   |
|       | 14      | <b>EXAM II</b>       |  | <b>2.1-2.6 and 3.1-3.4</b>   |
| 15    | 3.5     | 304                  | 5-19odd, 23-35odd, 39 ( <b>Friday classes meet on Thursday</b> ) |  |
| ----- |         |                      |  |  |
|       | 19      | 3.6                  | 313  | 1-35odd;41,43-65odd;69,71,77b,c;79,81,83,91<br>(in general, use a calculator for the graph and identify <u>ALL</u> asymptotes)                                     |
|       | 20      | 4.1                  | 329  | 3,5,7(use calculator),11-21odd;25,29,31,35-53odd;57,65,67,69,71,75   |
|       | 21      | 4.2                  | 353  | 1-29odd;35,39,41,43,45,53-61odd;67-79odd;83,91,93,95,105   |
|       | 23      | 4.3                  | 361  | 1,11,15,17,19,23,25,31-55odd;59-79odd;83-95odd   |
| ----- |         |                      |  |  |
|       | 26      | 4.4                  | 371  | 1,3,9,11,17-27odd;39-51odd;55-71odd;79-83odd(solve algebraically);<br>117-121odd(solve algebraically);123(factor);131-137odd                                       |
|       | 27      | 4.4 cont.            | 371  | 5,7,15,29-37odd;85-105odd;113-115odd(solve algebraically);127(factor),129  |
|       | 28      | 4.5                  | 383  | 1,5-15odd;19-25odd;27a,c(Canada, South Africa only);29,31,33   |
|       | 30      | 4.5 cont.            | 383  | 35,39,40,41,43   |
| ----- |         |                      |  |  |
| NOV   | 2       | Review               | 325<br>397   | 87-95odd, 99,101-115odd<br>9,11,15(use calculator),17-23odd;;25-43odd;47&49odd(use calculator);59,63,<br>65,69,77,79-127odd;129&131odd(factor);133,137,145,147,149 |
|       | 3       | Review               | 330  | 15-17  |
|       |         |                      | 402  | 5-10,13-23,24(factor);25,26(factor);27   |
|       |         |                      | 404  | 13-23,27-34,37-40  |
|       | 4       | <b>EXAM III</b>      |  | <b>3.5-3.6 and 4.1-4.5</b>   |
|       | 6       | 8.1                  | 627  | 3a,5-35odd;37-41odd(verify algebraically);51-57odd;65,71,73,75   |
| ----- |         |                      |  |  |
|       | 9       | 8.2                  | 609  | 1-19odd;23,25,29,33,39-45odd;57,67,71,73a,b;75,77  |
|       | 10      | 8.3                  | 653  | Read pages 641-646; 95,97  |
|       |         | 8.4                  | 667  | 3,7,9,13,17,21-29odd;33,41-51odd;55,57,65,77,79,83   |
|       | 11      | Appendix E           | A53  | 1-9odd;13-23odd;27,41,43,45a,47,49,53,57,63,67,69,79,81,83 (note: the total<br>length around the tract is 125 meters)  |
|       | 13      | 8.3                  | 651  | Read pages 647-649; 57-69odd;75  |
| ----- |         |                      |  |  |
|       | 16      | Review               | 716  | 1-13odd(solve algebraically);17,21,35,39,43,51,67,69,83,85   |
|       | 17      | 9.6                  | 749  | 9-21odd,25,29,33,37,43,47,53,59,67   |
|       | 18      | Review               | 799  | 115-123odd;125-128   |
|       | 20      | Review               | 722  | 1-6,8,10,11  |
|       |         |                      | 801  | 18-21,23,24  |
| ----- |         |                      |  |  |
|       | 23      | <b>EXAM IV</b>       |  | <b>8.1-8.4, Appendix E, and 9.6</b>  |
|       | 24      | Final Review         |  |  |
|       | 26-28   | THANKSGIVING HOLIDAY |  |  |
| ----- |         |                      |  |  |
|       | 30      | Final Review         |  |  |
| DEC   | 1       | Final Review         |  |  |
|       | 2       | Final Review         |  |  |
|       | 4       | Final Review         |  |  |

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**FINAL EXAM**

**TO BE ANNOUNCED**

THIS IS A DEPARTMENT EXAM AND CANNOT BE TAKEN EARLY OR LATE

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