



**Textbook:** Calculus & Its Applications with Study Pack and Math XL, 9th ed., by Bittinger; Pearson/ Prentice Hall.

MathXL Course ID: **XL0G-M1NN-301Y-97M2** Zipcode: 20850

**Required Supplies:** graphing calculator - TI-84/84+ or TI-83+ graphing calculator preferred. Students are not permitted to use a TI-89, TI-92, or similar calculators with computer algebra system capability.

### Course Requirements:

**Tests/Quizzes:** There will be three (3) tests and one cumulative final exam. If a student misses one of the semester tests, then the percentage earned on the final exam will serve as the make-up grade. If a student takes all of the semester tests and the percentage earned on the final exam exceeds the lowest test score, then that test score will be replaced by the final exam percentage. **Quizzes** are announced. The lowest in-class quiz grade will be dropped.

**Classwork:** All class handouts will be posted on the course webpage:

[www.montgomerycollege.edu/~iscott/ma160.html](http://www.montgomerycollege.edu/~iscott/ma160.html)

Students are responsible for printing out the handouts and bringing them to class. Copies will **NOT** be distributed in class. Students are expected to come to class prepared with class handouts, textbook, graphing calculator, and writing utensil(s). Students must be present in class to receive credit for classwork.

**Homework: *Do it!*** Learning mathematics is an active process - you cannot succeed just by listening or by watching someone else do problems. Homework assignments should be completed as soon as the corresponding sections are covered in class. Students can complete the textbook exercises [see the *Homework Assignment Sheet*] or complete the corresponding exercises in MathXL. Tests, quizzes, and classwork will be based on homework assignments. The MathXL Homework will be counted for credit if it helps your grade.

**Grading Policy and Criteria:** Grades will be determined using the following distribution and scale.

|                    |     | Grade       |
|--------------------|-----|-------------|
| Tests              | 40% | A 100 – 90% |
| Quizzes            | 15% | B 89 – 80%  |
| Classwork/Homework | 15% | C 79 – 70%  |
| Final Exam         | 30% | D 69 – 60%  |
|                    |     | F 59 – 0%   |

**Make-up Policy:** There will be no make-up for quizzes or tests once the assessment has been missed. The lowest quiz grade is dropped. If one test is missed then the zero grade is replaced by the final exam percentage at the end of the semester. Arrangements to take tests/quizzes on another day must be made **prior** to the day of the test/quiz and all related homework assignments must be submitted for review.

**Attendance Policy:** Regular attendance is expected, encouraged, and critical to the successful completion of this course. Please be aware that student(s) may be dropped if they have accumulated absences whose sum is more than the equivalent of one week's worth of classes. Two late arrivals or early departures are the equivalent of one absence. Students are responsible for assignments made, work covered and announcements made during any absences.

**Important Dates:**

|   |  |
|---|--|
| Tuesday, January 26 <sup>th</sup>               | First day of class                         |
| Tuesday, February 23 <sup>rd</sup>              | Test #1                                    |
| March 15 <sup>th</sup> – March 19 <sup>th</sup> | Spring Break – No classes                  |
| Thursday, March 25 <sup>th</sup>                | Test #2                                    |
| Monday, April 19 <sup>th</sup>                  | Last day to withdraw with a grade of W     |
| Thursday, April 29 <sup>th</sup>                | Test #3                                    |
| Thursday, May 6 <sup>th</sup>                   | Last day of class                          |
| Thursday, May 13 <sup>th</sup>                  | Final Exam (10:15 am – 12:15 pm) in SE 208 |
| Friday, May 21 <sup>st</sup>                    | Final grade available and posted in MyMC   |

**E-mail Communication Statement:** MC student e-mail is an official means of communication for Montgomery College. Students are responsible for information and announcements sent via MC e-mail, and it is expected that students check their student e-mail regularly. When e-mailing an instructor, it is expected that students use their MC student e-mail account.

**Math Science Center:** The Center is an open space to work and/or seek specialized help. Faculty and student tutors, videotapes and interactive software are available.

**Rockville Campus,** Math/Science Center, Macklin Tower 02, 240-567-5200,

Hours: Mon. – Thurs. 8am – 8pm, Fri. 8am – 4pm, Sat. 10am – 3pm

<http://www.montgomerycollege.edu/Departments/mathscrv/>

**Accommodations for Students with Disabilities Statement:** Disability Support Services (240-567-5058) Any student who may need an accommodation due to a disability, please make an appointment to see me during my office hour. A letter from Disability Support Services (CB122) authorizing your accommodations will be needed. Any student who may need assistance in the event of an emergency evacuation must identify to the Disability Support Services Office; guidelines for emergency evacuations for individuals with disabilities are found at: [www.montgomerycollege.edu/dss/evacprocedures.htm](http://www.montgomerycollege.edu/dss/evacprocedures.htm)

**Academic Regulations & Student Code of Conduct**

All MC students are expected to follow “Academic Regulations” & “Student Code of Conduct” as described in the MC Student Handbook. These regulations and guidelines can be found at:

[www.montgomerycollege.edu/departments/academicevp/Student\\_PandP.htm](http://www.montgomerycollege.edu/departments/academicevp/Student_PandP.htm)

**Inclement Weather**

If inclement weather forces the College or any campus or College facility to suspend classes or close, public service announcements will be provided to local radio and television stations as early as possible. You may also call MC at 240-567-5000 or check the college website [www.montgomerycollege.edu](http://www.montgomerycollege.edu) to verify MC school closings. Any exams planned on days classes are suspended will be administered at the first class meeting once classes resume. Note that the Montgomery County Public Schools (MCPS) and Montgomery College do not follow the same school closing procedures.

**Combat2College**

If you are a veteran or on active or reserve status and you are interested in information regarding opportunities, programs and/or services, please visit the Combat2College website at [www.montgomerycollege.edu/combat2college/](http://www.montgomerycollege.edu/combat2college/) and/or contact Joanna Starling at 240-567-7103 or [Joanna.starling@montgomerycollege.edu](mailto:Joanna.starling@montgomerycollege.edu).

## Homework Assignment Sheet

| Section | Page    | Exercises  |
|---------|---------|--|
| R.1     | p.12-13 | #23, 27, 29  |
| R.2     | p.25-27 | #19, 21, 36, 37, 49, 51, 53, 59, 63, 65, 69  |
| R.3     | p.36-38 | #21, 25, 29, 33, 39, 41, 45, 49, 57, 59  |
| R.4     | p.51    | #27, 41, 45, 53, 55, 59  |
| R.5     | p.70-72 | #37, 43, 47, 55, 59, 61, 73, 87, 97  |
| R.6     | p.83-85 | #1, 7, 11, 13, 15  |
| 1.1     | p.111   | #11, 15, 19, 23, 29, 31, 33, 37, 39, 45, 51, 55, 57, 59, 67, 69                                  |
| 1.2     | p.121   | #9, 13, 15, 17, 19, 21, 27, 34, 37, 39, 43, 45, 49, 57   |
| 1.3     | p.130   | #7, 9, 15, 17, 27, 29, 33, 37, 41  |
| 1.4     | p.145   | #3, 5, 7, 13, 15, 17, 18, 19, 21, 25   |
| 1.5     | p.156   | #1, 5, 7, 9, 11, 13, 17, 19, 21, 23, 25, 29, 31, 37, 43, 52, 53, 55, 57, 63, 65, 69, 77, 79, 81  |
| 1.6     | p.165   | #7, 8, 15, 21, 23, 25, 27, 29, 33, 35, 39, 41, 43, 100, 101, 111                                 |
| 1.7     | p.174   | #3, 5, 7, 9, 11, 13, 17, 23, 25, 27, 31, 37, 41, 45, 51, 58, 63, 64, 67, 71                      |
| 1.8     | p.181   | #1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 27, 31, 33, 35, 43, 46, 49, 55                               |
| 2.1     | p.211   | #3, 5, 7, 11, 17, 21, 25, 29, 33, 71, 75, 77, 81   |
| 2.2     | p.228   | #1, 5, 7, 11, 15, 17, 19, 21, 23, 25, 27, 29, 35, 41, 43, 47, 51, 53, 101, 105, 110              |
| 2.3     | p.243   | #1, 3, 5, 7, 9, 11, 13, 15, 17, 21, 25, 29, 31, 33, 39, 43, 47, 49, 57, 61                       |
| 2.4     | p.254   | 4, 7, 15, 17, 19, 21, 23, 27, 29, 33, 37, 49, 51, 57, 63, 65, 75, 79, 83, 85, 97, 103, 105       |
| 2.5     | p.270   | #1, 5, 7, 9, 13, 15, 17, 19, 25, 29, 31, 33, 39, 45, 47  |
| 2.6     | p.280   | #1, 5, 15, 19, 29  |
| 3.1     | p.315   | #1, 7, 9, 13, 15, 17, 19, 23, 25, 27, 29, 33, 35, 39, 43, 45, 47, 55, 59, 67, 69, 75, 81, 83, 84 |
| 3.2     | p.332   | #1, 5, 9, 11, 29, 31, 35, 41, 45, 47, 51, 53, 55, 57, 59, 61, 63, 65, 67, 71, 77, 83             |
| 3.3     | p.347   | #3, 9, 15, 17, 21, 25, 27, 31, 33, 35, 43, 47  |
| 3.4     | p.360   | #1, 7, 11, 17, 21, 27, 31, 33, 37, 41, 43, 45  |
| 3.5     | p.368   | #1, 5, 7, 9, 13, 21, 25, 29, 37, 39, 43, 45  |
| 3.6     | p.375   | #1, 7, 11, 13  |
| 4.1     | p.398   | #1, 5, 9, 13, 19, 23, 25, 27   |
| 4.2     | p.409   | #1, 3, 5, 7, 11, 13, 15, 19, 21, 23, 27, 35, 39, 41, 43, 47, 49, 51, 57, 59, 65, 69              |
| 4.3     | p.421   | #1, 3, 5, 9, 13, 25, 27, 35, 43, 51, 53, 57, 61, 63, 65, 69, 73, 77, 83, 87                      |
| 4.4     | p.433   | #1, 11, 13, 15, 17, 19, 23, 25, 29, 31, 35, 37, 39, 41, 45, 47, 51, 57                           |
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| 5.2     | p.482   | #1, 3, 7, 13, 15, 19, 23, 27   |
| 6.1     | p.545   | # 1, 5, 9, 13  |
| 6.2     | p.554   | # 3, 7, 11, 13, 17, 19, 23, 25, 43   |