MATH 120 Elementary Functions

Amanda Schwallie

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Math 120 Elementary Functions  
Fall 2014

Instructor: Amanda Schwallie  
Email: heslara@xavier.edu  
Office: Hinkle Hall 136  
Office Hours: MW 11-3 (Tentative) Appointments are also available.

Course content: Chapters 1-5

Catalog Description: Graphs and properties of functions, including polynomial functions, exponential functions, logarithmic functions, inverse functions and composition of functions. Applications to real world situations using algebraic, numerical, and graphical methods.

Textbook:  
*Functions and Change: A Modeling Approach to College Algebra*  
(5th Edition), Crauder, Evans, Noell  

Calculators: Each student MUST have a TI-83/84 calculator. As a matter of departmental policy, it is the only graphing calculator that may be used on tests. Bring your calculator to class every day.

Homework:  
Homework will be assigned daily but not collected. Any changes to the homework will be announced on Canvas. I expect that all problems will be completed by the next class period. Homework quizzes will be given weekly. The questions on your homework quizzes will be based on assigned homework and worksheets. At the end of the semester, I will drop your lowest quiz grade; so missing a quiz for any reason will make it automatically dropped. A second missed quiz is an automatic zero.

Attendance: Since lecture notes are not straight from the textbook, attending class is important for understanding the material. If you miss a class for any reason, you are responsible for getting any notes or handouts you have missed and to pick up old assignments. Attendance will not be counted as a percentage of your grade; however, note that many homework problems will be harder to understand without being in class.

Tests: There will be five tests given throughout the semester, not including the comprehensive final exam. Your test questions will be based on relevant book problems, quizzes, and other worksheet questions. You are responsible for knowing the date of all tests, as they are all listed on the course schedule. I will also drop your lowest test grade. Missing a test for any reason will make it automatically dropped. A second missed test is an automatic zero.

Make-up Policy: In the event of extenuating circumstances, a make-up MAY be permitted if you provide documentation and talk to me about it. In that case, you must make it up no later than one week after the missed test/quiz. After that, you will receive a zero. Missing the final exam will result in a grade of zero for the final exam.

Grades:

- Homework quizzes (20 pts. each) 20%
- Tests (100pts. each) 15% each
- Final exam (200 pts.) 20%
Grade Scale:

- **A**: 95-100%
- **A-**: 90-94%
- **B+**: 87-89%
- **B**: 83-86%
- **B-**: 80-82%
- **C+**: 77-79%
- **C**: 73-76%
- **C-**: 70-72%
- **D+**: 67-69%
- **D**: 63-66%
- **D-**: 60-62%
- **F**: 0-59%

**Notes**

- I will post all handouts, assignments, changes, reminders, etc… on Blackboard. You are expected to check Blackboard on a **DAILY BASIS** to keep up with course and schedule changes.

- Please turn off all electronic devices (cell phones, laptops, iPods, etc…) before entering the classroom. In the case of emergencies, you are of course free to leave—I ask that you do so quietly and discreetly so as not to disrupt class.

- I will make every effort to begin and end class on time each day—if you arrive late, you are likely to miss important information. However, I realize there are emergencies—if for some reason you must arrive late or leave early, please do so discreetly.

- I will do everything I can to ensure that lecture time is used effectively. I know your time is valuable—please show the same courtesy to your fellow students and refrain from side-conversations or other behavior that might disrupt their concentration. If you fail to observe this rule, you will be asked to leave the classroom.

- If you need help with studying or are having problems with an assignment, please visit my office hours, email me, or visit Math Tutoring Lab in CLC 419. They are open Monday-Thursday 10am-8pm, Friday 10am-2pm, and Sunday 2pm-8pm. They are closed on Saturdays, and their phone number is 745-3069.

- The final date for undergraduate students to withdraw from full-term courses is **Monday November 24th**.

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<table>
<thead>
<tr>
<th>Class Time</th>
<th>Section</th>
<th>Final Exam</th>
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</thead>
<tbody>
<tr>
<td>TR 8:30a - 9:45a</td>
<td>Sec 07</td>
<td>Tuesday Dec 16, 8:30a - 10:20a</td>
</tr>
<tr>
<td>TR 10:00a - 11:15a</td>
<td>Sec 08</td>
<td>Thursday Dec 18, 8:30a – 10:20a</td>
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<tr>
<td>TR 1:00p - 2:15p</td>
<td>Sec 09</td>
<td>Thursday Dec 18, 10:30a – 12:20p</td>
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<tr>
<td>TR 4:00p – 5:15p</td>
<td>Sec 11</td>
<td>Tuesday Dec 16, 4:00p – 5:50p</td>
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