Office: 7856
Home: 829-4523
E-mail: wcsaplar@ bethanywv.edu \& wilf@isaacfalconer.com
Web page: http://www.bethanywv.edu/~wcsaplar/ Mon. - Th. 4:00-5:00, M. 3:00-4:00, Tu \& Th 2:00-2:20
*I will probably be around daily $1: 15-1: 45$. See my schedule on my web page or beside my office door to find out where I am at a particular time.

Textbook: The required text is College Algebra by Barnett, Ziegler, and Byleen. The $7^{\text {th }}$ Edition is copyrighted 2001 by McGraw-Hill Higher Education.

Objectives: To learn operations on sets, numbers systems, algebraic equations, polynomials, and functions. To learn how to solve word problems and systems of equations. To graph functions.

Grading: There will be 30 daily quizzes (except for the first week of classes, the days of tests, and the four classes immediately after the four tests are reviewed. I will drop the three lowest grades), four exams, and a comprehensive final exam. The questions on the quizzes will come from the non-graded homework assignments. The exam questions will range from simple, direct questions, to word problems. (Unlike my economics classes, there will be no choice of questions on the tests.) There are 1000 points available during the semester. The grades are calculated as follows:
27 quizzes combined
The four exams combined $\quad 60 \%$ (15\% each)
Final exam $13 \%$

270 points $(100 * 1 / 10=10$ each $)$
600 points $(150=100 * 1.5$ each $)$
130 points $(240 *(13 / 24))$

The minimum scores necessary to get each grade will be:

$$
\text { A } 93 \%=930 \text { points }
$$

$$
\begin{aligned}
& \mathrm{B}+87 \%=870 \text { points } \\
& \mathrm{C}+77 \%=770 \text { points }
\end{aligned}
$$

$$
\text { B } 83 \%=830 \text { points }
$$

$$
\mathrm{C} 73 \%=730 \text { points }
$$

$$
\text { D } 63 \%=630 \text { points }
$$

$$
\text { F } 0 \%
$$

The borders are not firm. Any student near the border of two grades will have their case looked at on a case by case basis after the final exam has been graded.

Missed and Late Exams and Quizzes: If you miss a quiz or test because of unanticipated event like an illness, you have two choices. The first is to get me an Explanation of Absence Form signed by the appropriate person, or you can tell me what the problem was and I will decide whether or not it is a valid reason for missing the assignment. You do NOT have to tell me why you are absent, but if you want more time than the Explanation of Absence Form provides, you can tell me your reason and I will decide the reasonableness of your request. If you know beforehand that you will be missing an exam and have a valid reason to do so, then contact me beforehand to determine how it will be made up. I may ask for external verification of your reason, so do not wait until the day before the exam. Either the Explanation of Absence Form or my personal decision can be used to determine if you have a valid explanation for missing the assignment.

If you have no valid explanation, then there will be a $10 \%$ penalty per day, including the weekend. The assignment is considered late if it is not handed in at the start of class on the day it is due and the day we go over it. Otherwise, it is considered to be handed in the next day if it is handed in after I leave to go home. Makeup exams require $\mathbf{2 4}$ hour advance notice so that I can write another exam. Makeup quizzes may not come from the homework assignments. Suppose that a quiz or exam is scheduled on a Wednesday and you are sick and I determine that you have a valid reason for Wednesday and Thursday. If you turn it in on the following Monday after class has met, then it will be considered four days late. Those days are Friday, Saturday, Sunday, and Monday because it was the day that we went over it in class - it was due at the start of class.

Class Participation: It is expected that you will attend all classes and actively participate. That means you will answer questions that I ask, or that other students ask, and you will ask questions when you are uncertain about something. If you miss a large number of classes, then you will have a poor quiz grade, and more importantly, you will not have heard the material. Not hearing the material will hurt your grade more than the lower quiz grade.

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Students who skip or miss 3 or more classes during the semester will be called in for a conference. Giving proper notification, I reserve the right to drop any student, who has missed more than $\mathbf{1 0 \%}$ of classes without no excuses presented.

Calculators: Calculators can be used on quizzes and exams. However, there are three qualifications as follows: 1) All work must shown on the quizzes and exams. Answers without work will get no credit. 2) Graphing calculators may be used when graphing is not included on the exam or quiz. 3) I may ask to check the memory of a student's calculator prior to, during, or after an exam.

Daily Quizzes and Homework Assignments: You will be given daily homework assignments. These will not be graded. However, I will choose one to three questions from it to be the quiz for the day. There will be 30 of these quizzes, of which I will drop the lowest three grades. The quizzes (but not the exams) will be open-notes and open-book. Therefore, if you have done every question on each homework assignment, you should get $100 \%$ on the quizzes. You will not get more than the 10 minutes allotted. (If you have a disability that causes you to need special consideration, talk with me in my office.) Homework assignments are the only area that I allow students to work together. In fact, I recommend that you work together on the homework assignments because the better students learn the material better by teaching it and the poorer students get another person teaching it and may learn it better. However, if I find that students have worked together on any quiz or exam, I will consider it to be cheating. See the next section.

Cheating: I have zero tolerance for cheating, lying, copying, plagiarism, etc. The first time that I find you doing any of the above, I will definitely give a zero for the assignment. I may also flunk you for the whole course. I have done it here and many times in the past at other schools.

My Web Page: My web page is http://www.bethanywv.edu/~wcsaplar/. On it will be all current syllabi, current announcements, and assignments for last year and this semester. If you miss a class, you can find the material covered and the new homework assignment on the page. You can also find my class and office hours schedule. I have not taught this course before at Bethany, so no old quizzes or tests can be found on my web page.

Tutoring: The Math Department provides free tutoring five evenings a week. Tutoring is available Sunday through Thursday evenings in 110 Richardson. Posters will be pinned on the bulletin boards referencing the times available. If you need the services of a private tutor, please see the instructor, or the chair of the department for information. I encourage you to take advantage of these services, as they are free, and will in many cases prevent you from experiencing difficulties later on in the semester.

## Schedule:

| Mon. | Monday Classes | Wed. | Wednesday Classes | Fri. | Friday Classes |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 8/25 | No classes | 8/27 | Chapter 1.1 | 8/29 | Chapter 1.1-1.2 |
| 9/01 | No classes | 9/03 | Chapter 1.2 Quiz 1 | 9/05 | Chapter 1.3 Quiz 2 |
| 9/08 | Chapter 1.3-1.4 Quiz 3 | 9/10 | Chapter 1.4 Quiz 4 | 9/12 | Chapter 1.5 Quiz 5 |
| 9/15 | Chapter 1.6 Quiz 6 | 9/17 | Chapter 1.7 Quiz 7 | 9/19 | Exam \#1 on 1.1-1.6 |
| 9/22 | Chapter 2.1 ${ }^{\text {Quiz } 8}$ | 9/24 | Chapter 2.1 Quiz 9 | 9/26 | Review exam \#1 Quiz 10 |
| 9/29 | Chapter 2.2 | 10/01 | Chapter 2.2-2.3 Quiz 11 | 10/03 | Chapter 2.3 Quiz 12 |
| 10/06 | Chapter 2.4 Quiz 13 | 10/08 | Chapter 2.4 Quiz 14 | 10/10 | Exam \#2 on 1.7-2.4* |
| 10/13 | Chapter 2.5 Quiz 15 | 10/15 | Chapter 2.5-2.6 Quiz 16 | 10/17 | Review exam \#2 Quiz 17 |
| 10/20 | Chapter 2.6 (class is on Tuesday.) | 10/22 | Chapter 2.6 Quiz 18 | 10/24 | Chapter 2.7 Quiz 19 |
| 10/27 | Chapter 2.8 Quiz 20 | 10/29 | Chapter 2.8-3.1 Quiz 21 | 10/31 | Exam \#3 on 2.4* - 2.8 |
| 11/03 | Chapter 3.1 $\overline{\text { Quiz } 22}$ | 11/05 | Chapter 3.1-3.2 ${ }^{\text {Quiz 23 }}$ | 11/07 | Review exam \#3 Quiz 24 |
| 11/10 | Chapter 3.2 | 11/12 | Chapter 3.3 Quiz 25 | 11/14 | Chapter 3.4 Quiz 26 |
| 11/17 | Chapter 3.4 Quiz 27 | 11/19 | Exam \#4 on 3.1-3.4* | 11/21 | Chapter 3.5 Quiz 28 |
| 11/24 | Thanksgiving Break | 11/26 | Thanksgiving Break | 11/28 | Thanksgiving Break |
| 12/01 | Review exam \#4 Quiz 29 | 12/03 | Chapter 3.5-3.6 | 12/05 | Chapter 3.6 Quiz 30 |
| 12/08 | Go over grades. | 12/10 | Study Day | 12/12 | $2{ }^{\text {nd }}$ Day of Finals |

* The exact point in that section of the chapter which will be covered will be announced in the review sheet.

The review sessions for the exams will be held on the night before the exam, except for the final exam. Its review session will be determined after the final exam schedule is announced.

