

Math 100 Spring 2013 Syllabus

This course is not UC/CS transferable

Course # 15975	MW 1:00 - 3:20 PM	Aspen Hall (FL1) 208
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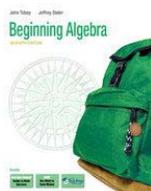
Office Hours:		
Monday	Wednesday	Friday
8-8:30 am	8-8:30 am	8-8:30 am
12:15-12:45 pm	12:15-12:45 pm	12:10-1:00 pm
3:30-5:00 pm		
Or by appointment		

When contacting me by phone, text, or email, please be sure to include: your full name, the title of the class and the start time of the class:

EXAMPLE: Isaac Brock, Math 100, MW 1:00pm

I will do my best to get back to you as soon as I can during the regular business week, and I do not necessarily check for student communication after 5 pm weekdays, on Thursdays, or weekends. If you come by to see me in my office (even at non-office hour times), please knock as I may be in my office even when my door is closed.

Required Text:

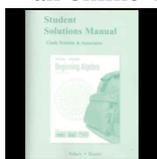


Beginning Algebra by Tobey & Slater 7th edition, Published by Pearson/Prentice Hall
 ISBN: 9780558470432 (this ISBN is for the bundled book and the Coursecompass code)

Required Course
 Compass Access:

Coursecompass account is required! Note: Having a course compass account gives you access to an online version of the text and the ability to print out the entire text for free.

Optional Text:



Student Solutions Manual if available.

Calculators are a helpful tool for this class but per FLC policies are not allowed on exams and quizzes. ABSOLUTELY NO CELL PHONES ALLOWED to be used in the classroom! I will ask any student who appears to be using their cell phone or has their cell phone turned on to leave class as it is a disruption.

Prerequisites:

Proof of meeting the prerequisites includes: Successful completion of MATH 30 with a grade of "C" or better or show proof of placement into Math 100 via any Los Rios community college assessment process. **You must show proof of possessing the prerequisites by the second day of class** or you will be dropped from the class.

Grading: The approximate Grading breakdown is as shown below. *The instructor reserves right to adjust this scale or scheme when he deems appropriate and may only be adjusted in favor of the students. The instructor under no obligation may choose to offer extra credit at any time during the semester.*

Participation	2 %	20 pts	90-100%	900-1000pts	A
Homework	20%	200 pts	80-89%	800-899pts	B Passing
Quizzes	10%	100 pts	70-79%	700-799pts	C
Exams	50%	500 pts	60-69%	600-699 pts	D Not Passing
<u>Final Exam</u>	<u>18%</u>	<u>180 pts</u>	less than 60%	below 600pts	F
	100%	1000 pts			

Your grade = $\frac{\text{Your Points}}{\text{Total Points}}$ and can be calculated by you.

Student Learning Outcomes and Objectives

Upon completion of this course, the student will be able to:

- evaluate and expand polynomial expressions (including expressions written in scientific notation).
- report solutions to polynomial operations involving addition, subtraction, multiplication, and division.
- record factors of polynomial expressions by removing common factors, factoring difference of square expressions, and factoring trinomial expressions including perfect square trinomials.
- apply rules of exponents (including negative exponents) in the simplification of algebraic expressions.
- solve linear equations, linear formulas (of more than one variable), linear inequalities, and 2x2 systems of linear equations.
- produce graphs of solution sets of linear equations and linear inequalities in two variables.
- evaluate and simplify radical expressions and solve equations involving these.
- solve application problems using algebraic expressions, algebraic equations, algebraic inequalities, and graphing techniques.
- solve quadratic equations by factoring and using the quadratic formula.

Participation:

You are expected to be in class each meeting time on time, prepared for the lesson. You are expected to be an active learner/participant in class. This requires you to be involved in class discussions. If you are a shy student you may earn participation by use of office hours, outside tutoring from a private tutor or at the campus math lab, or in group study sessions with 3 or more of your fellow classmates. Your participation grade is designed to account for your effort in class and is broken down as follows:

- 50% of the full participation points: Perfect Attendance for the entire semester.
- 50% of the full participation points: **Active participation in class discussions, attending office hours, receiving outside tutoring, or forming study groups of 3 or more people.**
Evaluation of this is left up to the instructor, however it is your obligation to inform the instructor in writing immediately following of any outside tutoring or study groups if you partake in these types of participation

Homework:

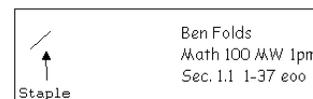
Your homework grade will come in two parts. After a section is completed during lecture, it is assumed to be assigned for both online and written HW for that same night.

- 1) **Online HW Assignments:** This course requires you to have a subscription to Coursecompass online account. Having an account will grant you access to the online homework assignments which are due every Sunday night at 11:59 pm. The online HW component will account for half of your HW Grade. These problems will be graded instantly for correctness and you will have until the deadline for infinite opportunities to rework all problems until the due date. Your online HW assignments will automatically submit whatever grade you had at the close of the assignment; you do not have to click a submit button for your assignment to be submitted. For more details about the online HW see the handout titled "Online Home Work Handout".
- 2) **Written HW Assignments:** This will account for 50 pts of your HW Grade and must be submitted in a specific HW BINDER which is due at the beginning of class on the day of each exam. All sections completed for discussion in lecture is assumed to be assigned from the "Written HW Assignments List" and will be **due at the beginning of class on the day of each exam**. The last Homework assignment for chapters 10 & 11 will be **due at the beginning of class on the last day of class**. All assignments not handed in at the beginning of class (regardless of the reason) will be considered late and are not accepted. If you are late, then your work is late, and therefore will not be accepted.

All written HWs will be **graded for completion and neatness of work**, not correctness, so it will not be difficult to get full credit on these assignments. Successful Completion of all assigned problems means:

- *Your work is neat and clearly legible with your name, class section, HW Section and a list of all assigned problems for that section must be printed on the top right corner of each page AND a staple through all pages in that section on the upper left corner of the assignment. All HW which fails to meet these requirements will not be graded.*

Example



- You have attempted each assigned problem.
- You must begin **each new section** on a **new sheet of paper** (there should never be any two sections of HW on the same page).
- All Sections should be secured into the front of a designated HW BINDER and the "HW Grading Sheet" **must be the first page in that binder immediately followed by your most current Written HW**.

Failure to do any of these will result in a loss of points.

HW Grading:

- 1) **Online HW Assignments:** You will be given 20 free points on the first day of class which you may use to replace any lost points due to computer problems, illnesses, or any other unforeseen emergencies. The sum of all of your online HW points plus the free 20 points will be divided by the total possible online points. This will give you your Online HW percentage. Multiply this online HW Percentage by 150 pts and this will be your grade for the online portion of the HW.
- 2) **Written HW Assignments:** Each of the 5 Written HW's will be worth 10 pts.

No Late HW will be accepted, No Make ups will be allowed on any HW assignments.

Quizzes:

Quizzes will be given regularly and will cover the material already discussed in class and may be given without notice (pop quizzes). No make-ups allowed. Often times quizzes may be used to check attendance (students who come late or leave early).

Your total quiz grade will be based on a percentage of your quiz scores on all the quizzes you have taken throughout the semester. You will earn a percentage of the total number of points dedicated to quizzes.

For example if there are 100 points dedicated to quizzes, then your quiz score will be calculated as follows:

$$\text{Your Quiz score} = \left(\frac{\text{your total quiz points earned}}{\text{total quiz points possible}} \right) \cdot 100$$

Exams:

There will be 500 points (approximately 50% of total grade) possible on 5 exams (100 pts each) given throughout the semester. The dates of the exams are listed below. The instructor will announce any changes to these dates for the exams in class at least two class meetings prior to the date of the exam. No notes or calculators will be allowed unless an exception has been verbally made by the instructor. At no time shall students be allowed to use any other electronic devices, books, aides, or device that allows communication, or viewing/listening to information of any kind. **Coming late to an exam will result in an immediate 5% reduction to your grade.** If you are going to miss an exam contact me with as much prior notice as possible so we can discuss your situation. There will be no make-up exams.

Earning the right to drop your lowest exam score:

If you do not miss any quizzes or exams, and you earn a 7 or above on all 4 of your Written HW checks, you can replace your lowest exam grade by replacing it with the percentage earned on the final. (Ex: You have taken every quiz **and** exam **and** scored a 7 or higher on each Written HW assignment then, if your lowest test score is a 72%, but you earn a 92% on the final exam, then your 72% will be replaced with a 92%.) **If you miss an exam during the semester and have not followed the correct procedure, you will earn a zero on that exam. See the Attendance policy for what to do if you miss an exam due to an emergency. You may not wear hats or listen to headphones during exams.**

Exam 1: 2/20/13	Exam 2: 3/11/13	Exam 3: 4/1/13	Exam 4: 4/17/13	Exam 5: 5/8/13
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Final Exam:

The final exam will be cumulative. The *last day of regular instruction is Wednesday May 15th*. After this all your regular classes and instructor office hours may no longer be valid or scheduled as we are beginning a separate week consisting of the finals week schedule. I will be available by appointment during finals week.

MW class	The final exam will be held on Monday, May, 20 th from 1:00PM - 2:50PM in our regular room.
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Classroom Expectations:

You should act accordingly to being in an institution of higher learning. You are expected to behave in a courteous manner both toward your classmates and instructor. You are expected to adhere to FLC's Students Rights and Responsibilities policies in the FLC course catalog. If you must enter or leave the classroom at any time during class, please do so without disrupting the rest of the class. If you arrive very late, consider taking the day off from this class, regroup and come on time for the next class meeting. If you need to leave early, please let me know at the beginning of class. **If you are behaving in a manner that inhibits me from teaching or anyone around you from learning, you will be asked to leave.** You will be asked to leave for the remainder of the class period and for the next class session. Both days will count as absences and the incident will be reported to the Disciplinary Authority at FLC. It is your responsibility to save all of your returned work and exams. This is your only record of the work you have completed.

Attendance:

Attendance is your responsibility. You are responsible for any missed material. Truancy is defined as not being in class without having permission to not be there; this means coming late or leaving early from the regularly scheduled class times makes a person truant. Any truancy will be counted as $\frac{1}{2}$ an absence and any work turned in or due that day will not be accepted, graded, or considered. Missing an entire class period counts as 1 full absence. Coming late to an exam will result in an immediate loss of 5% of that exam grade. **Any tests or assignments missed due to absence is inexcusable unless** you have been **given approval by the instructor prior to the start of class.** In the case of an absence you should contact me immediately and prior to the start of class. **You will not be allowed to make up or turn in late work without approval of the instructor prior to the date due.** It is the responsibility of the student, and not the instructor, to process a class drop either online or in person. However **I will drop any student if their absences are excessive (FLC defines excessive absences to be 6% of the scheduled 90 hours of class meetings or 4 class sessions for classes that meet 3 days a week or 2 $\frac{1}{2}$ classes for courses that meet 2 days a week).**

Academic Integrity:

Please refer to the FLC Academic Code of Conduct in the college catalog if there are any ambiguities for what is expected from your academic integrity. Cheating will be punished swiftly and severely. If you are caught cheating on an exam, you will receive a zero on the exam and not be allowed to replace your score or take any kind of makeup. Further, you will not be allowed to submit any extra credit work. I will complete paperwork to ensure that there is a record of your dishonesty.

D.S.P.S Students:

If you qualify for D.S.P.S. **it is your responsibility to comply with their practices.** It is your responsibility to coordinate exam and quiz dates. You may not schedule exam and quiz dates any day after the regular exam/quiz date unless it is due to D.S.P.S. scheduling conflicts and cleared with the instructor prior to the date of the exam/quiz. Any conflict in your schedule is an unacceptable excuse to push back exam/quiz dates.

Helpful Tips:

Mathematics has a language of its own. Unless you quickly become adept at speaking that language, you will be lost during lecture. Please utilize my office hours or make an appointment with me to meet when you need help. Other help is available in the open **Math Lab in Aspen Hall (FL1) in room 108.** Private tutors can be available for hire, if you would like help finding a private tutor let me know and I will help you to find one. I highly recommend that you find a study partner and/or group, and make every effort to stay current in the class.

Tips for Success:

- 1) Make sure you understand each homework assignment and can reasonably follow the class discussions. There truly is no such thing as a stupid question and in math the only thing that can make you look stupid is not asking your questions. Chances are you will actually look smart and odds are if you don't know, then there are others who also do not know.
- 2) If you become lost or confused even after asking questions in class, seek outside help from the instructor or at any of the resources listed in the section Getting Help.
- 3) Study for the tests, quizzes and the final by reading through your **class notes**. **Look over the examples completed in class, review any of the hints the instructor may have given during lessons** about “classic problems,” problems “I really like” etc. Re-work some of the more difficult, challenging, or test like problems. **Look over previous exams, some questions may show up again.** Study Every Day! Even if you only read one section and did not understand it, or if you only study for 30 minutes, it is still much more than never studying for that day.
- 4) Most importantly, **KEEP A POSITIVE OUTLOOK!** Each day is a new chance to feel like you are capable, that you can understand math, and that you **WILL** succeed.

What I know you already know, but thought you could say you didn't know:

You are responsible for the information in this syllabus as well as any changes or additions announced in class (whether or not you are there to hear them). This syllabus is our mutual agreement of the expectations between the student and the instructor.

The Fine Print: The Instructor reserves the right to change any of the above policies after verbal/written notice in class.

Spring 2013 Final Exam Schedule

The final day of regular instruction for the semester is **May 15, 2013**. For classes that are a combination lecture and lab, the final exam schedule is based on the time of the lecture.

Class start time:	Class Meeting Days:	Date of Exam:	Time of Exam:
Before 9:00AM	MW, MWF, or MTWTH	Wednesday, May 22	8:00AM - 9:50AM
Before 9:00AM	TTH	Thursday May 16	8:00AM - 9:50AM
9:00AM	M-only, MW, or MWF	Monday, May 20	8:00AM - 9:50AM
9:00AM	T-only or TTH	Tuesday, May 21	8:00AM - 9:50AM
9:00AM	W-only or WF	Wednesday, May 22	8:00AM - 9:50AM
9:00AM	TH-only	Thursday May 16	8:00AM - 9:50AM
9:05AM - 11:15AM	MWF	Monday, May 20	10:00AM - 11:50AM
9:05AM - 11:15AM	W-only, MW, or MTWTH	Wednesday, May 22	10:00AM - 11:50AM
9:05AM - 11:15AM	Th-only or TTH	Thursday May 16	10:00AM - 11:50AM
11:20AM - 1:55PM	M-only or MW	Monday, May 20	1:00PM - 2:50PM
11:20AM - 1:55PM	T-only or TTH	Tuesday, May 21	1:00PM - 2:50PM
11:20AM - 1:55PM	W-only	Wednesday, May 22	1:00PM - 2:50PM
11:20AM - 1:55PM	TH-only	Thursday May 16	1:00PM - 2:50PM
2:00PM - 3:55PM	MW	Monday, May 20	3:00PM - 4:50PM
2:00PM - 3:55PM	T-only	Tuesday, May 21	3:00PM - 4:50PM
2:00PM - 3:55PM	W-only	Wednesday, May 22*	3:00PM - 4:50PM
2:00PM - 3:55PM	TTH	Thursday May 16	3:00PM - 4:50PM
4:00PM - 6:00PM	M-only or MW	Monday, May 20	6:00PM - 7:50PM
4:00PM - 6:00PM	T-only or TH	Tuesday, May 21	6:00PM - 7:50PM
4:00PM - 6:00PM	W-only	Wednesday, May 22*	6:00PM - 7:50PM
4:00PM - 6:00PM	TH-only	Thursday May 16	6:00PM - 7:50PM
6:05PM - 9:00PM	M-only or MW	Monday, May 20	8:00PM - 9:50PM
6:05PM - 9:00PM	T-only or TH	Tuesday, May 21	8:00PM - 9:50PM
6:05PM - 9:00PM	W-only	Wednesday, May 22*	8:00PM - 9:50PM
6:05PM - 9:00PM	TH-only	Thursday May 16	8:00PM - 9:50PM

Off-site finals held on first normally scheduled class during finals week.

Friday-only classes meet at normal time for 2 hours on Friday, May 17.

Saturday-only classes meet at normal time for 2 hours on Saturday, May 18.

Finals for first 8-week session and second 8-week session classes are held on the last day of class.

*There are no finals at FLC-Main on Wednesday, May 22 after 2:00 due to commencement.