

Math 120 Spring 19 Syllabus

This Course is not CS/UC transferable

Course # 16155	MWF 10:30 a.m.-Noon	Dogwood Hall (FL4) 137
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Instructor: Prof. M. Olsen
Office: Aspen (FL1) 148

★ **Email:** olsenm@flc.losrios.edu
Website: marcolsen.weebly.com

Office Phone: 916-608-6759
Cell Phone: 916-850-0352

Office Hours: 8:30-8:50 am office hours are held in classroom

Monday	Wednesday	Friday
8:30-8:50 am	8:30-8:50 am	8:30-8:50 am
12:30-1:00 pm	12:30-1:00 pm	12:30-12:45 pm
8:20-8:50 pm	8:20-8:50 pm	

MW night office hours are at RCC 1-142,143,or 212

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 120, MWF 10:30am

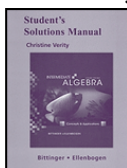
I will do my best to get back to you as soon as I can during the regular business week, and I do not necessarily check for student communication after 5 pm weekdays, on Thursdays, or weekends. If you come by to see me in my office (even at non-office hour times), please knock as I may be in my office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

Required Text:



Intermediate Algebra by Bittinger & Ellenbogen 8th edition,
 Published by Addison Wesley
 ISBN-10: 0321557182 ISBN-13:9780321557186

Required Course Access: You must have access to a computer and the internet (there are computers available to use in the library for free).



Optional Materials:

Student Solutions Manual.

Calculators are a useful tool for this class but will not be allowed on exams and the final.

Please no cell phones are to be turned on or used in class unless it is at the direct request of the instructor. I may ask any student who *appears* to have a cell phone turned on without express permission, to leave class if I deem it to be a disruption. No ear phones are to be used at any time as it is a disruption. See also the section on classroom expectations. Please talk to instructor each and every time you plan to use your phone to search for math related information so that the instructor and classmates can be aware of your use being for educational purposes.

Prerequisites:

Successful completion of MATH 100 with a grade of "C" or better or show proof of placement into Math 120 via any Los Rios Community College assessment process.

Student Learning Outcomes and Objectives:

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

- solve equations involving polynomial, rational, absolute value, radical, exponential, or logarithmic expressions.
- graph and perform simple transformations (translations, reflections, and scale factors) on linear, quadratic, exponential, logarithmic, simple rational, and simple polynomial functions.
- demonstrate the ability to appropriately use function notation, terminology, and operations.
- solve application problems using intermediate context-appropriate models.

Grading:

The approximate Grading breakdown is as shown below. Grades can be seen on our class page on canvas. **All sections of your grade are a weighted average. So in any one category *The instructor reserves right to adjust this scale or scheme when he deems appropriate.***

Participation	3 %	90-100%	A
Online Homework	12%	80-89%	B
Book Homework (4)	5 %	70-79%	C
Quizzes	15%	<u>60-69%</u>	<u>D</u>
Exams (4)	50%	less than 60%	F
<u>Final Exam (1)</u>	<u>15%</u>		
	100%		

Participation:

You are expected to be in class each meeting time on time, prepared for the lesson. You are encouraged to be an active learner/participant in class. This means you will be involved in 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:

- \approx 10% of the full participation points: Perfect attendance for the entire semester.
- \approx 90% 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
- Your participation points will be totaled at the end of the semester, and will be based on your attendance, in class participation, and your submissions indicating your out of class participation. Full participation based solely on out of class participation requires regular and consistent written notice throughout the entire semester.

Homework:

Your homework grade will come in two parts:

- 1) **Online HW Assignments:** This course requires you to access some of your homework assignments through canvas, where the free program (myopenmath) is embedded. All online homework assignments will be due each and every week on Sunday nights at 11:59 pm. You will have access to the entire semester's

worth of homework on day 1, and can work ahead without penalty. You should try to complete the assignments with the pace of the course and not wait until the weekends to do the Homework.

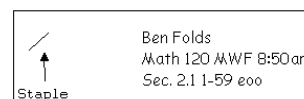
The online HW problems will be graded instantly for correctness and you will have until the coming Sunday night to complete the assignment(s). If you get a problem incorrect, you can simply click the link “try another similar problem” and the problem will regenerate with different numbers. You can repeat this process as many times as you desire as long as it is before the due date. Once you have a score for a given problem, that score is automatically saved. If you repeat the problem, you will always keep the highest score of all your attempts. So once you get a 1 out of 1 for a problem, repeating it and getting it wrong will not change your score, so you will never be penalized for trying or repeating problems multiple times, even after you get it correct.

- 2) **Book HW Assignments:** Additionally to online HW, you will be required to do traditional book homework assignments that are assigned out of the text book and written on binder paper and saved in your notebook. All the assigned problems can be found in the “HW List” handout found on my webpage and handed out in class. All completed Book HW will be **placed in a designated HW binder** and the front page of this binder will be the handout “Written HW Grade Sheet”. All written HW completed in lecture will be assumed to be assigned in addition to those listed on the “Written HW Assignments” sheet and placed in your HW binder. Your HW binder will be **due at the beginning of class on the day of each exam**. All assignments not handed in at the beginning of class (regardless of the reason) will be considered late and may not be accepted. If you are late, then your work is late.

All book HWs will be **graded for completion, neatness, and following the instructions**, not correctness; so it will not be difficult to get full credit on these assignments. Successful completion of all assigned problems means:

- ***You must follow all the rules to the HW format and standards. Your “HW Grade Sheet” has a list of prescribed “comments”. Each comment is made to address the person who has not followed a specific rule. Not following each of the rules may result in loss of points. So your goal should be to avoid receiving any of these “comments”.***
- ***Your work should be neat and clearly legible with your name, class section, and HW Section printed on the top right corner of each page AND a staple through all pages on the upper left corner of the individual assignment. All HW which fails to meet these requirements may not be graded.***
- 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).
- Staple any single section with multiple pages together in that section; do not staple multiple sections together.
- Complete the chapter tests when they are assigned.
- Place all completed assignments in your notebook under the Homework tab. The first page of which must be the “Math 120 Written Homework Grade Sheet” and should be followed by in your most current HW sections in ascending order.

Example



Failure to do any of these may result in a loss of points or not having your HW binder accepted.

HW Grading:

- 1) **Online HW Assignments:** You will be given 12 late passes on the first day of class which you may use to access any online assignments which are not more than 1 week past due. A Late pass may be redeemed on any section within 1 week of the due date of the assignment, once you select “use late pass” you will have one week to work on the section for points. Note: if you review a past due assignment, then you will be able to see answers, this will then remove the option to use your late pass (don’t review past due assignments if you want to be able to use a late pass). The sum of all of your online HW points will be divided by the total possible online points. This will give you your Online HW percentage. You will need to have an average of an 80% on your online HW assignments to qualify for the FINAL EXAM REPLACEMENT OPTION. See also the exam section for further clarification on this option.

2) **Written HW Assignments:** Each of the 4 Written HW’s will be worth 10 pts. **Late HW and make ups are generally not allowed on any HW assignments per instructor discretion.**

Quizzes:

Quizzes may be given regularly and normally cover the material already discussed in class. Quizzes handed in on days that you are late or leave early may not be accepted or graded based on the instructor's discretion. Quizzes may be given without notice and there are no make-ups, except in cases of documentable emergencies and are worked out with the instructor in advance. All graded assignments from this section will be cumulated and your average score in this section will account for the designated percentage of your overall grade.

Exams:

There will be 400 points (approximately 50% of total grade) possible on 4 exams (100 points each) given throughout the semester. 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. If you are breaking any of these rules, then you may have your exam taken, your exam will be over, and your score will be either reduced or given a 0 at the instructor's discretion.

Coming late to an exam may result in an immediate 5% reduction to your grade at the instructor's discretion. 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, under extreme situations an exception may be made prior to the exam at the instructor's discretion.

Optional Final Exam Replacement:

This option earns the right to replace your lowest exam score with the percent earned on the final:

If you do not miss any quizzes or exams, and you earn a 7 or above on all 4 of your Written HW checks, and you earn 80% or better on your online HW assignments, then, 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, have an 82% average on the online HW, 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.**

Final Exam:

The final exam will be cumulative. **Note the time change for the start of the final exam!!**

MWF	The final exam will be held on Friday, May 17th from 11:00AM - 12:50PM in our regular room.
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Extra Credit:

The instructor reserves the right to offer extra credit at any time during the class. However, the instructor is under no obligation to offer any extra credit.

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 are behaving in a manner that inhibits me from teaching or anyone around you from learning, you may be asked to leave at the discretion of the instructor.**

At the instructor's discretion if you are asked to leave:

- it will be for the remainder of the class period and for the next class session.
- you will not be able to make up any missed work or work that is due or assigned on days you were asked to leave.
- both days will count as absences and the incident may 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. **If you are absent during the first week of instruction you may be dropped from the class** at the instructors discretion. In the event of an absence you are responsible for any missed material. If you are not present on the first day of class, you will be dropped. Any truancy will be counted as $\frac{1}{2}$ an absence. Leaving early will be counted as $\frac{1}{2}$ an absence and any work turned in or due that day will not be accepted or considered. Any exams or assignments missed due to absence, truancy, or leaving early is inexcusable unless cleared prior to class (note: this does not guarantee you an excused absence but only the consideration for one). 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 your responsibility to DROP YOURSELF FROM THE CLASS.** However I will drop any student after the student has 5 absences (4 absences if the class meets 2 days/week). This includes any and all absences regardless if you have/have not let me know, or if the excuse is “a good one” or if it is “an emergency” or not.

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 may be punished swiftly and severely. If you are caught cheating on an exam, you may receive a zero on the exam and not be allowed to replace your score or take any kind of makeup. Further, you may not be allowed to submit any extra credit work. I may 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 Cypress Hall (FL2) in room 246.** Private tutors can be available for free in the math lab or you can arrange for a private tutor for hire. If you would like help finding a private tutor let me know and I will try to 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 material.

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 look smart and odds are if you don't know, there are others who also do not.
- 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 mentioned.
- 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 2019 Final Exam Schedule

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

Class starts between these hours:	Class meeting days:	Date of Exam:	Time of Exam:
7:00AM - 8:00 AM	M-only	Monday, May 20	7:00AM - 8:50AM
7:00AM - 8:00 AM	T-only	Tuesday, May 21	7:00AM - 8:50AM
7:00AM - 8:00 AM	W-only or MW	Wednesday, May 22	7:00AM - 8:50AM
7:00AM - 8:00 AM	Th-only, TTh, or MTWTh	Thursday, May 16	7:00AM - 8:50AM
7:00AM - 8:00 AM	F-only or MWF	Friday, May 17	7:00AM - 8:50AM
8:05AM - 9:30AM	M-only or MW	Monday, May 20	9:00AM - 10:50AM
8:05AM - 9:30AM	T-only, TTh, or MTWTh	Tuesday, May 21	9:00AM - 10:50AM
8:05AM - 9:30AM	W-only	Wednesday, May 22	9:00AM - 10:50AM
8:05AM - 9:30AM	Th-only	Thursday, May 16	9:00AM - 10:50AM
8:05AM - 9:30AM	F-only, WF, or MWF	Friday, May 17	9:00AM - 10:50AM
9:35AM - 11:30AM	M-only	Monday, May 20	11:00AM - 12:50PM
9:35AM - 11:30AM	T-only or MTWTh	Tuesday, May 21	11:00AM - 12:50PM
9:35AM - 11:30AM	W-only or MW	Wednesday, May 22	11:00AM - 12:50PM
9:35AM - 11:30AM	Th-only or TTh	Thursday, May 16	11:00AM - 12:50PM
9:35AM - 11:30AM	F-only, WF, or MWF	Friday, May 17	11:00AM - 12:50PM
11:35AM - 1:45PM	M-only or MW	Monday, May 20	1:00PM - 2:50PM
11:35AM - 1:45PM	T-only or TTh	Tuesday, May 21	1:00PM - 2:50PM
11:35AM - 1:45PM	W-only	Wednesday, May 22	1:00PM - 2:50PM
11:35AM - 1:45PM	Th-only	Thursday, May 16	1:00PM - 2:50PM
11:35AM - 1:45PM	F-only, MWF, or MTWThF	Friday, May 17	1:00PM - 2:50PM
1:50PM - 3:55PM	M-only or MW	Monday, May 20	3:00PM - 4:50PM
1:50PM - 3:55PM	T-only or MTWTh	Tuesday, May 21	3:00PM - 4:50PM
1:50PM - 3:55PM	W-only	Wednesday, May 22	3:00PM - 4:50PM
1:50PM - 3:55PM	Th-only or TTh	Thursday, May 16	3:00PM - 4:50PM
1:50PM - 3:55PM	F-only or MWF	Friday, May 17	3:00PM - 4:50PM
4:00PM - 4:15PM	M-only or MW	Monday, May 20	4:00PM - 5:50PM
4:00PM - 4:15PM	T-only or TTh	Tuesday, May 21	4:00PM - 5:50PM
4:00PM - 4:15PM	W-only	Wednesday, May 22	4:00PM - 5:50PM
4:00PM - 4:15PM	Th-only	Thursday, May 16	4:00PM - 5:50PM
4:00PM - 4:15PM	F-only or MWF	Friday, May 17	4:00PM - 5:50PM
4:20PM - 6:00PM	M-only or MW	Monday, May 20	6:00PM - 7:50PM
4:20PM - 6:00PM	T-only or TTh	Tuesday, May 21	6:00PM - 7:50PM
4:20PM - 6:00PM	W-only	Wednesday, May 22	6:00PM - 7:50PM
4:20PM - 6:00PM	Th-only	Thursday, May 16	6:00PM - 7:50PM
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6:05PM - 9:00PM	Th-only	Thursday, May 16	8:00PM - 9:50PM
6:05PM - 9:00PM	F-only or MWF	Friday, May 17	8:00PM - 9:50PM
The last day of regular instruction is Wednesday, May 15. Final exams start on Thursday, May 16.			
Full-term 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.			