

Instructor: Dr. K. Laney Wright
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Office: U-84
Office Hours: MW: 10:00 – 10:30 am & 1:00 – 1:30 pm TH: 7:30 – 8:00 am , 10:00 – 10:30 am & 12:30 – 1:00 pm
Tutoring Center: (U-80) MTWH: 9:00 am – 7:00 pm.

Math Study Hall (MaSH): Hours: MTWH: 9:00 am – 7:30 pm & Saturdays 9:00 am – 3:00 pm
The MaSH is a service provided by SCC that gives you a chance to supplement learning done in the classroom. There will always be a math faculty member, instructional aides and student workers on duty to assist you when needed. There are also computers where you can access mathematical software or do work for your on-line math class. This Math 81 class has a MaSH component that requires each student to complete 16 hours (one hour per week) and 9 MaSH assignments. Attendance is tracked through the sign-in computer. When you enter MaSH, you will slide your student ID card or type in your ID number at the sign-in computer (no SSN). When you leave, you will sign out the same way. Signing out is very important. You may lose hours you put in if you do not sign in and out appropriately.

Accommodations for Disabilities:
Students with verifiable disabilities who want to request academic accommodations are responsible for notifying their instructor and Disabled Students Programs and Service (DSPS) as early as possible in the semester. *To arrange for accommodations, contact DSPS by phone at (714) 628-4860 or (714) 639-9742 (TTY) or stop by the DSPS Center in E-105.*

Class Behavior:
Based upon the RSCCD Standards of Student Conduct (also known as the Code of Conduct) all students will be in violation of the code should you become disruptive in any way, such that you disrupt the teaching of this class. This includes excessive talking with your peers and cell phone usage, which is inclusive of texting. Students who violate the Standards of Conduct are subject to disciplinary action which includes Warnings, Probation and Suspension from all classes and activities within the district.

Dishonesty:
Sharing of information on exams/quizzes will not be tolerated. Seeking help from or providing help to another student on a class exam or quiz is prohibited. The use of cheat sheets and electronic devices (i.e. cell phones, pda's) other than approved calculators during class quizzes and exams is prohibited. A violation of this policy will result in the student receiving a zero on that assignment and will result in the filing of an Academic Honest Incident Report with the Dean of Students.

Prerequisites:
Completion of Math 060 with a grade of C or better or equivalent skills (as measured by a satisfactory score on the Math Level 2 exam) in combination with a course equivalent to Math 060.

Text: Intermediate Algebra, 2nd Edition by Sullivan and Struve.

Required Materials:
Textbook, college ruled paper, graphing paper, pencil, stapler and a scientific or graphing calculator. TI-83 or 84 recommended (and supported). No TI-89 or TI-92 or equivalent calculators are allowed. Other calculators or electronic devices must get instructor approval before being used in the class. Cell Phone are NOT allowed to be used as calculators on exams or quizzes.

Student Learning Outcomes:

This course is to give you the necessary background to continue in mathematics or pursue other fields which require a mathematics background. This course focuses on building a foundation with algebraic concepts, math vocabulary, algebraic operations, and problem solving. As a result of this course, the student will be able to:

- Read, define and apply algebraic and functional vocabulary and symbols.
- Evaluate and perform algebraic operations on rational, radical, exponential and logarithmic expressions.
- Set up and solve word problems involving quadratic, rational, absolute value, radical, exponential, and logarithmic expressions.
- Graph linear, quadratic, absolute value and power functions, apply graphing transformations and find the equation of linear functions given appropriate information.

Attendance:

Daily class attendance is required in this course and is important for your success in the class. You are responsible for any announcements I make in class, including any changes to the schedule. A student may be dropped if they miss four or more classes (2 Tardies = 1 Absence). If you are going to miss a class please call or email. Treat the class like you would a job. If you decide to drop this class, it is your responsibility to turn in a drop card to the admissions office (E-bldg). Please let me know if you decide to drop this class. The last date to drop the class and receive a W grade is April 22, 2012.

Lab:

You are required to complete 9 Assignments and 16 hours in the Math Study Hall (MaSH). The hours must be a minimum of one hour per week. If you do not attend the lab one hour per week, you WILL be dropped from the class. Assignments will be made of Directed Learning Activities (DLAs) and/or PLATO Modules. The DLAs will be assigned in class and available in the Math Study Hall. The PLATO modules will be assigned in class and you need to pass the master exam with an 80% or better for credit.

Homework Quizzes:

Homework will be assigned from each section covered in class. You are expected to complete the assignments BEFORE the next class meeting and come prepared with any homework questions you might have. Homework at this level can take 3-4 hours, so be sure you allot enough time. Although homework itself will not be collected, a HOMEWORK QUIZ will be given on the days listed on the schedule provided. These quizzes will assess your understanding of the material covered in your homework.

Exams:

Exams will be given in class on the dates indicated on the last page. THERE ARE NO MAKE UP EXAMS except for extreme emergencies and they must be documented! A doctor's note does not count. You may take an exam early if you know you will have to miss, but you may not take it late. Tests are cumulative, which means material from previous exams will be on subsequent exams. Everyone is required to take a comprehensive, department final examination at the end of the course. You will need a scantron 882 for final. The final exam will be on the last day of class. The final exam is worth 200 points.

Grades:

Exams	400 points
Homework Quizzes	50 points
Lab	50 points
Final Exam	200 points
Total	700 points

You need approximately 90% of the total points for an A, 80% for a B, 70% for a C, and 60% for a D.

Tentative Math 081 Schedule and Assignments

Some homework assignments will be every other odd (eoo). Eoo means that you skip every other odd. For example: If you're assigned #1-81 eoo, 99-106 (all), you would do problems 1, 5, 9, 13, 17, 21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81 and also 99, 100, 101, 102, 103, 104, 105, 106 as the minimum required of practice for that section.

Date	Schedule and Homework	Exams & Quizzes	Labs Due
M 1/23	1.1 #19, 25, 27, 33, 41, 51, 59, 61, 63, 73, 75, 77, 79, 95, 97, 99 1.2 #11, 13, 15, 21, 23, 25, 31, 37, 53, 55, 67, 71, 79 1.3 #11, 15, 21, 33-41 odd, 55		
W 1/25	1.4 #3-9 odd, 17-27 odd, 33-105 eoo. 1.5 #5-15 odd, 27, 35, 41, 43, 47, 53, 57, 61, 63, 67, 68 1.6 #7, 9, 10, 11, 17, 19, 25-35 odd, 41, 49, 55, 57, 61, 95, 97, 105, 111, 119, 121	Quiz 1	
M 1/30	1.7 #3, 5, 9-49 eoo, 51, 59 2.1 #6, 10, 15, 21, 27, 29, 37, 41, 55 2.2 #3, 5, 6, 7, 8, 11, 12, 15, 17, 25-37 odd, 39, 41, 51-59 odd, 67, 69		
W 2/1	2.3 #3, 8, 9-23 odd, 27, 29, 35, 41, 43, 49, 51-58all, 71 2.4 #7-11 odd, 12, 16, 17, 27, 35, 39, 41, 47, 49, 59, 63, 65	Quiz 2	
M 2/6	2.5 #1, 2, 5-27odd, 29-97 eoo 2.6 #1, 5-15 odd, 37-127 eoo		
W 2/8	REVIEW	Quiz 3	
M 2/13	Test	Exam 1	
W 2/15	3.1 #17, 25, 33, 39, 45, 47, 55, 57, 61 3.2 #15, 19, 21, 25, 31, 43, 45b, 51 3.3 #11, 13, 15, 19, 29, 31		
M 2/20	NO SCHOOL		
W 2/22	4.1 #25, 29, 33, 35, 53-85 eoo 4.2 #25-93 eoo 4.3 #17-31 odd, 41 – 51 odd, 57, 59, 77, 79, 105		
M 2/27	4.4 #19-57 odd 4.5 #25-89 eoo 4.6 #13-69 odd	Quiz 4	
W 2/29	4.7 #1-51 odd 4.8 #9, 13, 17-75 eoo, 101		
M 3/5	REVIEW	Quiz 5	
W 3/7	Test	Exam 2	
M 3/12	5.1 #17-93 eoo 5.2 #13-73 eoo		
W 3/14	5.3 #9-33 eoo 5.4 #15-29 odd, 33, 35, 39		
M 3/19	Spring Break		
W 3/21	Spring Break		
M 3/26	5.5 #5-19 odd, 27, 33, 35 5.6 #11, 13, 27, 29, 31, 39, 41	Quiz 6	
W 3/28	6.1 #37-97 eoo 6.2 #17-57 odd 6.3 #29-117 eoo,		
M 4/2	6.4 #17-93 eoo 6.5 #13, 19, 25, 37, 41, 50, 65	Quiz 7	
W 4/4	6.6 #9, 11, 15, 17, 19, 21, 23, 27 6.7 #13-61 eoo, 63, 89 6.8 #25-35 odd, 39, 41, 43, 55, 57, 95, 97, 96 (answer 1), 98 (answer -1)		
M 4/9	REVIEW	Quiz 8	
W 4/11	Test	Exam 3	
M 4/16	7.1 #19, 23, 27, 35, 37, 39, 45, 47, 49, 51, 53-61 odd, 95, 97 7.2 #21-73 eoo, 75, 79		
W 4/18	7.3 #13, 17, 21, 23, 27, 29, 31, 35, 39, 43, 63 7.4 #17, 19-27 odd, 31, 35, 39, 55, 59, 61, 65, 81, 83, 85		
M 4/23	7.5 #15, 17, 23, 27, 31, 39, 63-79 odd, 95 7.6 #5-11 odd, 17, 21, 27, 31, 33, 35, 37	Quiz 8	
W 4/25	8.1 #17, 31, 41-49 odd, 55, 59, 63, 67, 71, 73-89 eoo. 8.2 #19, 23-30 all, 31, 33, 55-79 odd, 87-93 odd		
M 4/30	8.3 #25-57 eoo, 63, 69, 71, 77, 81, 89-109 odd 8.4 #27-37 odd, 49-89 eoo, 93-99 odd	Quiz 9	
W 5/2	8.5 #11-25 odd, 29-39 odd, 49-65 eoo, 67		
M 5/7	REVIEW	Quiz 10	
W 5/9	Test	Exam 3	
M 5/14	REVIEW		
W 5/16	Final	Final Exam	