

MAC1105 College Algebra
Spring 2006, 3 credit hours

Class Meeting Times:	There are three lectures and one discussion session each week. The lectures are on Monday, Wednesday, and Friday. You must be registered for a discussion session that will meet on either Tuesday or Thursday.		
Contact Information:	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"><u>10:30-11:20 Class</u> Instructor: Ms. Tammy Muhs Email: tmuhs@mail.ucf.edu Office: MAP 350K Office Hours: M, W, F 12:00 - 1:25 R 1:00-1:25</td> <td style="width: 50%; border: none;"><u>12:30-1:20 Class</u> Instructor: Mrs. Michelle Taylor Email: taylorucfmath@yahoo.com Office: MAP 201A Office Hours: M,W 10:30 - 11:20 and 3:30 to 4:20 T 10:30 to 11:20</td> </tr> </table>	<u>10:30-11:20 Class</u> Instructor: Ms. Tammy Muhs Email: tmuhs@mail.ucf.edu Office: MAP 350K Office Hours: M, W, F 12:00 - 1:25 R 1:00-1:25	<u>12:30-1:20 Class</u> Instructor: Mrs. Michelle Taylor Email: taylorucfmath@yahoo.com Office: MAP 201A Office Hours: M,W 10:30 - 11:20 and 3:30 to 4:20 T 10:30 to 11:20
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Textbook:	<u>College Algebra</u> , by Lial, Hornsby, and Schneider (available in the bookstore. Do not order your textbook online as you will need the custom version of the text which includes software and additional inserts.)		
Calculator:	You may use a Texas Instruments TI-30XA calculator on the tests and quizzes. You may not use any other type or model calculator in this course. Use of an unauthorized calculator will result in a grade of zero and possible disciplinary action. Calculators will be checked as you enter the lecture hall on exam days and in discussion sessions. Sharing calculators during quizzes and exams is not allowed.		
Attendance/ Etiquette:	Please observe common rules of courtesy. Once inside the lecture hall you should turn off all cell-phones and pagers and not use them during class. Past experience indicates that the students who will succeed in the class are the students who attend. You should plan on staying for the entire 50-minutes. Try to avoid leaving early or arriving late as it is a distraction to your classmates and your instructor. Attendance will be taken in your discussion sessions.		
Academic Honesty:	The work submitted in this class is expected to be your own. Forms of cheating/academic dishonesty include (but are not limited to): communicating with another student during a test or quiz (this includes giving information to another student as well as receiving that information), using an unauthorized calculator, using unauthorized material during a test or quiz, and communicating contents of a test or quiz to another student. We reserve the right to penalize a student for academic dishonesty by assigning the student an F for the course. In addition, further disciplinary action through the university will be taken. Please be aware that disciplinary action through the university could result in suspension or expulsion. For more information on academic honesty, please see the Golden Rule contents available at http://www.goldenrule.sdes.ucf.edu		
Extra Help:	In addition to your discussion session, and the office hours of the discussion group leaders and instructor, the Math Lab is available free of charge to all students enrolled in the course. The Math Lab is located in MAP 113, and is open Monday to Thursday from 9am to 7pm, on Friday from 9am to 3pm, and on Sunday from 2pm to 6pm. The text also has an online assistance program and free tutoring by phone on Sundays-Thursdays. Information is available on the My Math Lab website or by calling 1-888-777-0463.		
Text and Online Homework:	It is very important that you do homework regularly. Studies indicate that you should spend at least two hours working on homework outside of class for every hour you spend in class. The syllabus gives you the sections in the book that are covered and the homework assignment for each lecture. Although the text exercises will not typically be collected, it is expected that you complete the assigned exercises prior to the next lecture. Any student needing extra practice is encouraged to complete additional exercises from the text. There are also online homework sets (utilizing the My Math Lab software) which are graded assignments. The homework average will constitute 15% of your course grade. In the unlikely event that you are unable to access My Math Lab through the website, please use the following: http://www.mathxl.com		
Quizzes:	Typically, you will take a short quiz during your Tuesday or Thursday discussion class. They will be similar to the exercise questions at the end of each section in the book and the online assignments. The discussion quiz average will constitute 15% of your course grade.		

Tests:	<p>There are four tests throughout the semester and a 170-minute comprehensive final exam. The lowest test grade (of the four tests) is dropped, and the average of your three highest test grades will constitute 50% of your course grade.</p> <p>Students should attend each exam with the following items:</p> <ul style="list-style-type: none"> • a picture ID (either your student ID or a driver's license) • a scantron (form code: F-17355-PAR-L) • a #2 pencil (and a spare with extra lead) • TI-30XA calculator (with the lid stored in your bookbag) • Knowledge of your PID • Name of discussion leader <p>All tests must be taken in the lecture section in which you are registered, otherwise, <u>a grade of zero will be given</u>. Students are required to take the final exam at the scheduled time. Travel plans will not be a valid reason for taking the any test or the final exam at a different time.</p> <p>THERE WILL BE NO MAKE-UP TESTS.</p> <p>Exceptions may be made ONLY for official University related absences for which prior notice is given. If you miss an exam due to any other reason, the exam which you have missed will count as your dropped exam score. If you miss more than one, any beyond the first will be counted as zero.</p> <p style="text-align: center;">Test Dates:</p> <p>Test 1: Wednesday, February 8, 2006 Test 2: Monday, February 27, 2006 Test 3: Friday, March 24, 2006 Test 4: Wednesday, April 12, 2006</p> <p style="text-align: center;">FINAL EXAM</p> <p>10:30-11:20 Class: Final Exam: Monday, May 1st, 10:00 am – 12:50 pm 12:30-1:20 Class: Final Exam: Friday, April 28th, 10:00 am – 12:50 pm</p> <p>The official UCF Final Exam Schedule is posted on the following website: http://registrar.ucf.edu/calendar/exam</p>										
Grading Policy:	<p>Your grade will be earned from the following assignments:</p> <ul style="list-style-type: none"> • Test average (three highest of the four test grades): worth 50% of total grade • Discussion quiz average: worth 15% of total grade • My Math Lab Online average: worth 15% of total grade • Final exam score: worth 20% of total grade 										
Grading Scale:	<p>Letter grades will be awarded according to the following grading scale:</p> <table border="1" data-bbox="418 1371 748 1528"> <thead> <tr> <th>Average</th> <th>Grade</th> </tr> </thead> <tbody> <tr> <td>90 – 100%</td> <td>A</td> </tr> <tr> <td>80 – 89%</td> <td>B</td> </tr> <tr> <td>70-79%</td> <td>C</td> </tr> <tr> <td>0-69%</td> <td>F</td> </tr> </tbody> </table>	Average	Grade	90 – 100%	A	80 – 89%	B	70-79%	C	0-69%	F
Average	Grade										
90 – 100%	A										
80 – 89%	B										
70-79%	C										
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NC Policy:	<p>The “No- credit” (NC) grade is available and will be awarded in place of an F when the following criteria are met:</p> <ul style="list-style-type: none"> • Student attends 80% or more of discussion sessions. • Student completes all exams including the final exam. • Student has a final average of at least 50%. • Student has an online HW average of at least 70%. 										
Important Dates:	<p>The last day for withdrawal is March 3, 2006 University holidays are January 16, 2006, March 13-18, 2006 Finals week is April 25, 2006 – May 1, 2006</p>										

We are looking forward to a great semester!

MAC 1105: MWF with Discussion Session Class Schedule Spring 2006

DAY	DATE	SECTION	TOPICS	Text Homework / MyMathLab
Monday	1/9	R.1-R.2	Properties of Real Numbers	R.1: 31, 35, 41, 45, 51, 71
			Absolute Value	R.2: 5, 10, 25, 35, 43
Wednesday	1/11	R.3-R.5	Polynomials, Factoring	R.3: 3, 7, 13, 23, 27, 31, 41, 57, 71, 77
				R.4: 3, 7, 13, 21, 23, 29, 31, 43, 51, 55, 71, 73, 87, 89, 93
				R.5: 3, 11, 17, 25, 31, 37, 45, 51, 57, 63, 65, 69
Friday	1/13	R.6-R.7	Radicals, Exponents	R.6: 3, 7, 17, 25, 39, 43, 51, 63, 73, 85, 91
				R.7: 5, 9, 17, 29, 37, 39, 51, 63, 65, 75, 87
Monday	1/16		NO CLASS	
Wednesday	1/18	1.1	Linear Equations, My Math Lab	13, 17, 31, 41, 43, 59, 67
Friday	1/20	1.2	Applications of Linear Equations	7, 9, 11, 27, 33, 35, 43
Monday	1/23	1.3, MML	Complex Numbers	9, 19, 27, 31, 37, 43, 45, 73, 77, 93
Wednesday	1/25	1.4	Quadratic Equations	15, 23, 31, 41, 59, 65, 69, 73
Friday	1/27	1.5	Applications of Quadratic Equations	5, 7, 15, 17, 21, 29, 31
Monday	1/30	1.6, MML	Other Types of Equations	3, 11, 15, 23, 37, 49, 53, 65, 71, 73, 75, 89
Wednesday	2/1	1.7	Inequalities	5, 15, 19, 29, 37, 41, 45, 49, 59, 75, 89, 95
Friday	2/3	1.8	Absolute Value Equations/Inequalities	7, 15, 37, 45, 55, 57, 61, 77, 85
Monday	2/6	MML	Review	Complete practice exam before class
Wednesday	2/8		EXAM 1, Module 1	
Friday	2/10	2.1	Graphs of Equations	9, 19, 25, 31, 37, 39, 41, 43, 49, 51, 59, 61, 73
Monday	2/13	2.2, MML	Functions	11, 35, 37, 51, 63, 71, 75, 79
		2.3	Linear Functions	11, 17, 27, 35, 39, 47, 55, 57, 63, 71, 73
Wednesday	2/15	2.4	Equations of Lines	5, 9, 19, 29, 31, 35, 37, 41, 51
Friday	2/17	2.5	Graphs of Basic Functions	5, 9, 21, 27, 31, 33, 39, 43
Monday	2/20	2.6, MML	Graphing Techniques	3, 23, 39, 41, 47, 51, 63
Wednesday	2/22	2.7	Function Operations	7, 11, 13, 19, 23, 39, 49, 61, 81
Friday	2/24		Review	Complete practice exam before class

Monday	2/27	MML	EXAM 2, Module 2	
Wednesday	3/1	3.1	Quadratic Functions	1, 11, 17, 21, 25, 35, 49, 51, 53
Friday	3/3	3.2	Synthetic Division	5, 11, 17, 21, 23, 31, 35, 41, 49, 55
Monday	3/6	3.3, MML	Zeros of Polynomials	9, 11, 17, 19, 25, 27, 29, 41, 47, 59, 65
Wednesday	3/8	3.4	Polynomial Functions	1, 11, 25, 31, 33, 41, 45
Friday	3/10	3.5	Rational Functions	1, 11, 13, 19, 23, 25, 33, 39, 41, 45
Spring Break	3/13 – 3/18		NO CLASS	
Monday	3/20	3.5 cont.	Rational Functions	55, 57, 63, 73, 79
Wednesday	3/22	MML	Review	Complete practice exam before class
Friday	3/24		EXAM 3, Module 3	
Monday	3/27	4.1	Inverse Functions	7, 9, 49, 61, 67, 71, 75
Wednesday	3/29	4.2	Exponential Functions	9, 15, 27, 45, 47, 49, 51, 53, 61, 67
Friday	3/31	4.3	Logarithmic Functions	5, 7, 15, 21, 27, 29, 33, 37, 43, 59, 67, 73
Monday	4/3	4.4, MML	Evaluating Logarithms	1, 7, 13, 15, 23, 27, 41, 47, 51, 63
Wednesday	4/5	4.5	Exponential/Logarithmic Equations	1, 9, 17, 23, 31, 45, 55, 67, 71, 73
Friday	4/7	4.6	Exponential Growth and Decay	5, 9, 15, 19, 25, 33, 37
Monday	4/10	MML	Review	Complete practice exam before class
Wednesday	4/12		EXAM 4, Module 4	
Friday	4/14	5.1	Systems of Linear Equations	1, 7, 11, 19, 21, 29, 31, 35, 49, 55, 59, 67
Monday	4/17	5.2	Matrix Solutions to Linear Systems	1, 7, 9, 19, 31, 33, 53
Wednesday	4/19	5.5, MML	Nonlinear Systems of Equations	1, 15, 25, 29, 39, 49
Friday	4/21		Review	Complete practice exam before class
Monday	4/24	MML	Review	
FINAL EXAMS ARE LISTED FOR BOTH LARGE LECTURES. YOU MUST TAKE THE FINAL EXAM AT YOUR SCHEDULED TIME. PLEASE LOOK CAREFULLY!				
10:30-11:20 class	5/1	10:00 AM - 12:50PM	FINAL EXAM, Cumulative Ms. Muhs' class	
12:30-1:20 class	4/28	10:00 AM-12:50PM	FINAL EXAM, Cumulative Mrs. Taylor's class	

Please Note: This schedule may be modified at the discretion of the instructor