Math 103, Intermediate Algebra – Spring Semester 2014

Contact Information:

Instructor: Michelle Campbell

Office: Swart 122

E-mail: campbellm@uwosh.edu

Text: <u>Elementary and Intermediate Algebra, Edition 4</u> by Angel/Runde

Office Hours: Monday, Tuesday, Wednesday, Friday 11:30am-1:30pm

Other times by appointment

<u>Grading:</u> Your final grade is based on a weighting of activities, quizzes and exams as listed below.

<u>Assessment</u>	<u>Points</u>			
In Class Activities	15%			
Exams (4)	15% each			
Final Exam	25%			
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Grading Scale

92-100	A
90-91	A-
88-89	B+
84-87	В
82-83	B-
80-81	C+
75-79	C
50-74	D
0-49	F

<u>Homework:</u> <u>Timely completion of all homework is essential to prepare for class activities and exams. Invest your time in complete solutions that you can review at a later date as preparation for exams.</u> Please note that I do not provide an exam study guide or practice exam. Your homework is your study guide!

<u>In Class Activities:</u> MATH103 students will actively solve exercises during most class sessions. MATH103 students can expect to utilize classroom clicker technology in at least 20% of class sessions.

You will receive points for participating in the "in-class activity" classroom exercises. Possible "in-class activities" may include group activities, unannounced homework checks or collection of homework. Unannounced homework checks consist of problems from previously assigned topics. You can expect some sort of graded activity nearly every class period. If you are absent for any reason on the day of an in class activity, your score for that activity is zero. There will be no make-up activities given, nor will I allow you to complete an activity early due to an anticipated absence. The only way to earn points on these activities is to be present in class. I will drop your three lowest in-class activity scores when I calculate your course grade at the end of the semester.

<u>Exams</u>: Exams are taken during the 60 minute class times indicated on the syllabus. Please make every effort to contact me as soon as possible if you experience an emergency or extenuating circumstance which prevents you from taking an exam during the scheduled time. Extra time may not be granted unless the student presents documentation from Project Success or the UW Oshkosh Dean of Students office.

<u>Tutor Lab</u>: The Swart301 Developmental Math Lab provides free walk-in tutoring for 67-103 students. The Swart301 tutoring schedule is posted at http://www.uwosh.edu/mathematics/developmental-mathematics. Students are strongly encouraged to actively solve all suggested exercises listed on the syllabus and to use the Swart301 lab as a resource for assistance with any questions generated while completing homework exercises.

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Students are expected to complete these exercises as soon as possible after the section is addressed in class. Exercises that are likely to be modeled on the cumulative final exam are listed in bold type.

MAT103 Suggested Exercises:

- 8.1 5,9,13,17,19,23,29,35,37,41,43
- 8.2 23,25,41,45,51,57,61,63,64,65,66,73,75,77,83,85,87,89,91
- 8.3 11,13,19,27,**31,33**
- 8.4 7,11,15,19,23,27,29,31,37,39,41,43,45,59,61,63,65,67,71,73,75
- 9.1 2,7,15,17,19,21,23,25,27,29,35,37,45,51,55,**61,63,**65,67,71
- 9.2 1,5,7,9,17,21,25,27,29,31,33,35,39,41
- 9.3 1,5,11,17,19,21,23,27,31,41,43,47
- 9.4 13,17,19,27,45,46,47,48
- 9.5 3,5,7,9,11,15,23,25,29,31,33,39,41
- 10.1 7,13,15,17,23,31,33,35,41,45,51,53,55,59,61,63,65,67,69,75,77,79,83,85,87
- 11.1 11,13,15,29,31,33,67,69,71,87,89,91
- 11.2 7,11,17,19,27,29,33,41,43,45,47,51,55,59,67,69,73,75,79,81,83,86,87,93,95,99,**137**
- 11.3 3,5,9,11,17,21,23,27,49,51,55,57,65,67,69,71,81,83,87,91,93
- 9,11,15,17,23,29,35,37,41,43,45,47,53,55,59,61,63,67,71,73,77,81,107,111,113
- 11.6 9,11,13,15,19,21,25,27,29,33,37,39,43,45,55,61,67,69,71,73,75,77,79,81,83,85,**99,101**,103,105,117
- 12.1 11,13,21,33,35,37,41,45,49,53,57,61,67,73,79,85,87,89,91,93,95,101,103,105
- 12.2 9,11,13,15,17,19,21,27,33,39,47,53,57,65,67,69,71,73,75,87,89,91,93,95,97,101
- 12.3 7,9,11,13,15,17,19,21,25,29,31,33,39,43,45,51,53
- 12.4 31,43,49,51,53,55,67,71,77,79,81,85,87,89,91,93
- 12.5 31,33,43,45,57,63,65,69,73,83, 99,101,103,105
- 8.5 9,11,15,17,19,22,23,27,31,35,37,39,41,43,45,47,49,51,53,55,57,59,61
- 13.1 9,11,21,23,25,27,29,31,35,39,43,49,55,57,61,63,65,67,71,79,81,85,87
- 13.2 7,9,11,15,17,19,23,27,29,31,33,35,37,39,41,43,45,47,49,51
- 13.3 7,11,25,29,33,37,51,53,55,59,61,71,79,81,85,87,93,95,99
- 13.4 7,13,19,21,23,25,33,35,37,39,41,43,45,53,55,57,59,61,63
- 13.5 5,7,9,11,13,25,37,49,61,63,65,67,69,73,75,77,79,85,87,89,91
- 13.6 7,9,11,13,15,17,21,23,25,33,39,51,53,61,65,67,69,71,73,75,77,79
- 13.7 11,15,19,23,27,29,31,33,35,37,45,47,57,59,61,63,67,71,73,75,77,79,81

Math 103, Intermediate Algebra – Spring Semester 2014

<u>MWF Planned Course Schedule</u> – changes may occur as required. February

3	Monday	8.1	Graphs & Pretest	<u>April</u>					
5	Wednesday	8.2	Functions	2	Wednesday	12.3	Quadratic Application		
7	Friday	8.3	Linear Func	4	Friday	12.3	Quadratic Application		
10	Monday	8.4	Parallel and Perp	7	Monday	12.4	Factor Quadratic Form		
12	Wednesday	9.1/9.2	2 Sys of Eq	9	Wednesday	12.5 Quadratic Functions			
14	Friday	9.2/9.3	3 Sys of Eq	11	Friday	12.5	Quadratic Functions		
17	Monday	9.4	Sys of Eq - 3×3	14	Monday	8.5	Function Operations		
19	Wednesday	9.5	Sys of Eq - Applications	16	Wednesday	review			
21	Friday	reviev	V	18	Friday	Exam 3			
24	Monday	<u>Exam</u>	<u>1</u>	21	Monday	13.1	Inverse Functions		
26	Wednesday	10.1	One Var Ineq	23	Wednesday	13.2	Exponential Functions		
28	Friday	11.1	Roots/Radicals	25	Friday	13.3	Logarithmic Functions		
				28	Monday	13.4	Logarithmic Properties		
March	_			30	Wednesday	13.5	Com Log		
3	Monday	11.2	Rational Exponent						
5	Wednesday	11.3	Simplifying Radicals	<u>May</u>					
7	Friday	11.4	Add/Sub/Mult Rad	2	Friday	13.6	Exponent/Log Eq		
10	Monday	11.5	Divide Radicals	5	Monday	13.7 Nat Log & COB			
12	Wednesday	11.6	Radical Equations	7	Wednesday	review			
14	Friday	12.1	Complete the Square	9	Friday	<u>Exam 4</u>			
17	Monday	12.1	Complete the Square	12	Monday	review			
19	Wednesday	reviev	V	14	Wednesday	<u>Final Exam</u>			
21	Friday	<u>Exam</u>		16	Friday				
23-30	23-30 No Classes – Spring Break								
31	Monday	12.2	Quadratic Formula						