

## Course Planner for Intermediate Algebra (MH 101-07): Fall 2020:

	Topic (sections in text)	
T: 8-18	introduction to course	
TH	Chapter 1: on equations (1.1, 1.2, 1.3)	
T: 8-25	Chapter 1: on sets, inequalities and interval notation (1.4, 1.5)	
TH:	Chapter 1: on absolute value equations and inequalities (1.6)	
T: 9-1	Chapter 2: graphs of equations, graphs of functions, domain & range (2.1, 2.2, 2.3)	
TH:	Chapter 2: linear functions graph and slope etc. (2.4, 2.5)	
<b>M: 9-7</b>	<b>Labor Day</b>	
T: 9-8	Chapter 2: find equations of lines (2.6)	
TH:	Quiz 1 / Review for Test 1	
T: 9-15	Test 1	
TH:	Chapter 3: systems of equations in two variables (3.1, 3.2, 3.3)	
T: 9-22	Chapter 3: applications of systems of equations with two variables (3.4)	
TH:	Chapter 4: introduction to polynomials and polynomial functions, multiplication (4.1, 4.2)	
T: 9-29	Chapter 4: introduction to factoring, factoring trinomials (4.3, 4.4)	
TH:	Chapter 4: more on factoring non-monic trinomials, special factoring (4.5, 4.6)	
T: 10-6	Quiz 2 / Review for Test 2	
TH:	Test 2	
<b>T: 10-13</b>	<b>Assessment Day</b>	
TH:	Chapter 5: rational expressions and functions, multiplying and dividing, simplifying (5.1)	
T: 10-20	Chapter 5: LCMs, LCDs, addition and subtraction, division of polynomials (5.2, 5.3)	
TH:	Chapter 5: complex rational expressions, solving rational equations (5.4, 5.5)	*note: omitting 5.6 and 5.8 unless time permits adding later.
T: 10-27	Chapter 6: radical expressions and functions, rational numbers as exponents (6.1, 6.2)	
TH:	Chapter 6: algebra of radical expressions: simplification, add, subtract, divide (6.3, 6.4, 6.5)	
T: 11-3	Chapter 6: solving radical equations (6.6), complex numbers (6.8)	
TH:	Quiz 3 / Review for Test 3	
T: 11-10	Test 3	
TH:	Review for Final Exam Part 1, a recap of Tests 1, 2 and 3.	
<b>T: 11-17</b>	<b>Final Exam Part 1 (200pts): covers Tests 1, 2 &amp; 3</b>	
TH:	Chapter 7: on solving quadratic equations (7.1, 7.2, 7.3, 7.4)	
	<b>Thanksgiving Break 11-23 to 11-27</b>	
T: 11-31	Chapter 7: on graphing of quadratic functions ( 7.5, 7.6)	
TH: 12-3	Review for Final Exam Part 2, comprehensive but focuses on Chapter 7	
<b>M: 12-7</b>	<b>Final Exam Part 2 (75pts): ( December 7, 11:00am-1:00pm)</b>	<b>Comprehensive</b>

- Tests 1,2,3 = 3(150pts)=450pts,
- Quizzes 1,2,3 = 3(25pts) = 75pts
- Final = 275pts, (note: I use Part 1 of the Final Exam to replace Test 1,2 or 3 grade if helpful)
- Homework = 150pts, (note, there are 525 MMLpts to earn, I am awarding 1 course point for 3 MML pts)
- Participation 50pts.