

**MTH 60 Revised Calendar  
Winter 2016**

Week	Day	Topic/Title	Bookwork Exercises (eoo means every other odd)
1	M 1/4	Snow day	
	W 1/6	Introduction to Algebra Review of fraction arithmetic	1.1: read pages 1 – 10, do vocab check 1 – 5 all; do exercises 7 – 79 odd, 83, 85, 92, 100 1.2: read pages 14 – 28; do vocab check 1 – 11 odd; do exercises 2 – 89 eoo, 91, 95, 97, 99, 105, 109, 123, 125, 149
2	M 1/11	The real number line Basic Rules of Algebra	1.3: read pages 32 – 41; do vocab check 1 – 8 all; do exercises 1 – 81 eoo, 87, 89, 90, 92,93,103 1.4: read pages 46 – 52; do vocab check 1 – 7 all; do exercises 7 – 71 eoo
	W 1/13	<b>WS1 due</b> Arithmetic of real numbers Exponents and Order of operations	1.5: read pages 56 – 62; do vocab check 1 – 8 all; do exercises 1 – 46 eoo, 47 – 79 odd 1.6: read pages 65 – 69, do vocab check 1 – 7 all; do exercises 1 – 68 eoo, 69 – 89 odd 1.7: read pages 73 – 83; do vocab check 1 – 11 all; do exercises 1 – 105 eoo 1.8: read pages 87 – 98; do vocab check 1 – 7 all; do exercises 1 – 13 odd, 15 – 72 eoo, 73 – 89 odd, 104 Supplement to 1.8 all; located on pages S1 – S3 at the back of the book (answers on S14) or available at <a href="http://spot.pcc.edu/academ/math/download/60/m60_supplement.pdf">http://spot.pcc.edu/academ/math/download/60/m60_supplement.pdf</a>
3	M 1/18	Martin Luther King Jr. Day No school	
	W 1/20	Three exponent rules Solving linear equations (2.1 & 2.2 bookwork after the test) Chap 1 Review Pages 102 - 107	5.2: Three exponent rules – read pages 358 – 360; do vocab check 1 – 3; do exercises 1 – 23 odd Pages 108-112 as many as needed for review.
4	M 1/25	Test 1	2.1: read pages 114 – 120; do vocab check 1 – 7 all; do 1 – 62 eoo 2.2: read pages 122 – 129, do vocab check 1 – 7 all; do 1 – 54 eoo, (Show the properties. Check solutions following order of operations.) 59, 61, 63, 65 (Be sure to write down the equation and define any variables used.)
	W 1/27	Linear equations Problem solving using percents	2.3: read pages 132 – 140; do vocab check 1 – 7 all; do 1 – 45 odd, 49, 53, 59, 61, 65, 73, 75, 87 (Show the properties. Check solutions following order of operations.) 2.4: read pages 148 – 151; do vocab check 4; do 27 – 41 odd, 51 – 69 odd
5	M 2/1	<b>WS2 due</b> Formulas Problem solving using linear equations	2.4: read pages 144 – 147; do vocab check 1,2,4,5; do 1-25 odd, 43 – 49 odd 2.5: read pages 156 – 164, do vocab check 1 – 6 all; 1-19 odd, 23 Be sure to define your variable (try using variables other than $x$ all the time) and write down the equation you used to solve problems.
	W 2/3	More problem solving Linear inequalities and interval notation	2.5: 25 – 45 odd Be sure to define your variable (try using variables other than $x$ all the time) and write down the equation you used to solve problems. 2.7: read pages 182 – 194; do vocab check 1 – 8 all, do 1 – 19 odd, 21 – 80 eoo, 81 – 89 odd, 107, 111

Week	Day	Topic/Title	Suggested Exercises
6	M 2/8	<b>WS3 due</b> Further problem solving Problem solving using ratios, rates, proportions and angle measure, and geometric formulas	2.6: read pages 168 – 176; do vocab check 1 – 10 all, do 3 – 51 odd, 57 – 69 odd 2.8: read pages 209 – 213; do exercises 11 – 23 odd, 27,33 – 39 odd Do supplement to 2.8 all; located on pages S4 – S6 at the back of the book (answers on S15) or available at <a href="http://spot.pcc.edu/academ/math/download/60/m60_supplement.pdf">http://spot.pcc.edu/academ/math/download/60/m60_supplement.pdf</a>
	W 2/10	Chapter 2 Review	Chapter 2 review exercises and test (pages 204 – 208). Do as many as needed for review. Also review 2.8 for Test 2.
7	M 2/15	Test 2	
	W 2/17	<b>WS4 due</b> Introduction to linear equations with two variables	3.1: read pages 218 – 227; do vocab check 1 – 8 all; do 37 – 45 odd, 57 – 77 odd, 85, 87, 93 Be sure to use graph paper and label and scale your axes! 3.2: read page 231 – 238; do vocab check 1 – 9 all; do 1 – 17 odd, 19 – 43 eoo, 47 – 61 eoo, 69, 73, 77 Be sure to use graph paper and label and scale your axes!
8	M 2/22	Introduction to slope Comparing slopes Graphing linear equations with two variables	3.3: read pages 242 – 248; do vocab check 1 – 8 all, do 1 – 49 odd, 53, 54, 55, 56 Supplement to 3.3 all: located on pages S7 & S8 at the back of the book (answers on S16) or available at <a href="http://spot.pcc.edu/academ/math/download/60/m60_supplement.pdf">http://spot.pcc.edu/academ/math/download/60/m60_supplement.pdf</a> 3.4: read pages 252 – 256; do vocab check 1 – 3; do 1 – 49 odd, 55 Be sure to use graph paper and label and scale your axes! Supplement to 3.4 all: located on pages S9 & S10 at the back of the book (answers on S17 & 18) or available at <a href="http://spot.pcc.edu/academ/math/download/60/m60_supplement.pdf">http://spot.pcc.edu/academ/math/download/60/m60_supplement.pdf</a>
	W 2/24	<b>WS5 due</b> Determining the equation of a line Point-slope form Linear modeling	3.4: read pages 257 – 258, do 57 - 65odd, 69 3.5: read pages 262 – 267; do vocab check 1 – 6 all; do 1 – 41 odd, 47, 50 Supplement to 3.5; 1 – 3 all parts; located on pages S11& S12 at the back of the book (answers on S19) or available at <a href="http://spot.pcc.edu/academ/math/download/60/m60_supplement.pdf">http://spot.pcc.edu/academ/math/download/60/m60_supplement.pdf</a>
9	M 2/29	Chapter 3 review	Chapter 3 review exercises and test (pages 283 – 286). Do as many as needed for review.
	W	Test 3	<b>Linear Model Exercises on the last three pages of this syllabus</b> Supplement to 3.5; 4 – 5 all parts; located on pages S13 at the back of the book (answers on S19) or available at <a href="http://spot.pcc.edu/academ/math/download/60/m60_supplement.pdf">http://spot.pcc.edu/academ/math/download/60/m60_supplement.pdf</a>
10	M	<b>WS6 due</b> Linear inequalities with two variables	3.6: read pages 270 – 276; do vocab check 1 – 6 all; do 3 – 33 odd, 37, 39, 45, 47, 49
	W 3/10	Review	Chapter 1, 2, and 3 review exercises and tests. Also study 2.8 and the 3 exponent rules in 5.2 Study for final ☺
		Comprehensive Final Monday, March 14 <sup>th</sup> 11:00 am – 12:50 pm	