

*MAC 1105– College Algebra  
Sullivan 11<sup>th</sup> Edition  
Suggested Time Line—Spring 2020—Full Term Version*

<i>Week #</i>	<i>Dates (M-S)</i>	<i>Textbook Sections Covered</i>	<i>Sections/Topics Covered</i>	<i>Notes</i>
1	January 6 - 12	1.5, 1.6	1.5 Solving Inequalities 1.6 Equations and Inequalities involving Absolute Values	Introductions Cover Chapter 1
2	January 13 – 19	2.1, 2.2, 2.3	<b>Chapter 1 Assessment (Quiz or Exam)</b> 2.1 Distance and Midpoint Formula 2.2 Graphs of Equations in Two Variables; Intercepts; Symmetry 2.3 Lines	<b>Chapter 1 Assessment (Quiz or Exam)</b> Start Chapter 2
3	January 20 - 26	2.4, 2.5	2.4 Circles 2.5 Variation	<i>No Monday Classes (Holiday)</i> Continue Chapter 2
4	Jan 27 - Feb 2	4.1, 4.2	<b>Chapter 2 Assessment (Exam)</b> 4.1 Linear Functions and Their Properties 4.2 Building Linear Models	<b>Chapter 2 Assessment (Exam)</b> Start Chapter 4
5	February 3 - 9	4.3, 4.4, 3.1	4.3 Quadratic Functions and Their Properties 4.4 Building Quadratic Models <b>Chapter 4 Assessment (Exam)</b> <i>Sections 4.2 &amp; 4.4 should be covered only if time permits</i> 3.1 Functions	Continue Chapter 4 <b>Chapter 4 Assessment (Exam)</b>
6	February 10 - 16	3.2, 3.3	3.2 The Graph of a Function 3.3 Properties of Functions	Start Chapter 3 <i>No Friday Classes (Learning Day)</i>
7	February 17 - 23	3.4, 3.5, 3.6	3.4 Library of Functions; Piecewise-defined Functions 3.5 Graphing Techniques: Transformations 3.6 Mathematical Models: Building Functions <i>Section 3.6 should be covered only if time permits</i>	Continue Chapter 3
8	Feb 24 - March 1	6.1, 6.2	<b>Chapter 3 Assessment (Exam)</b> 6.1 Composite Functions 6.2 Inverse Functions	<b>Chapter 3 Assessment (Exam)</b> Start Chapter 6

9	March 2 - 8	6.3, 6.4	6.3 Exponential Functions 6.4 Logarithmic Functions <b>Chapter 6 Assessment Part 1 (6.1 – 6.4)</b>	Continue Chapter 6
10	March 9 - 15	<b>Spring Break Week</b>	<b>Spring Break Week</b>	<b>Spring Break Week</b>
11	March 16 - 22	6.5, 6.6, 6.7	6.5 Properties of Logarithms 6.6 Logarithmic and Exponential Equations 6.7 Financial Models	<b>Chapter 6 Assessment Part 1 (6.1 – 6.4)</b> Continue Chapter 6
12	March 23 - 29	6.8, 5.1	6.8 Exponential Growth and Decay Models <b>Chapter 6 Assessment Part 2 (6.5 – 6.8)</b> 5.1 Polynomial Functions and Models	Finish Chapter 6 <b>Chapter 6 Assessment Part 2 (6.5 – 6.8)</b> Start Chapter 5
13	Mar 30 – April 5	5.2, 5.3, 5.4, 5.5	5.2 Graphing of Polynomial Functions 5.3 Properties of Rational Functions 5.4 Graphs of Rational Functions 5.5 Polynomial and Rational Inequalities <b>Chapter 5 Assessment (Exam)</b> <b>Section 5.5 should be covered only if time permits</b>	Continue Chapter 5 <b>Chapter 5 Assessment (Exam)</b>
14	April 6 - 12	8.1, 8.6, 8.7	8.1 Systems of Linear Equations: Substitution and Elimination 8.6 Systems of Non-Linear Equations 8.7 Systems of Inequalities	Cover Chapter 8
15	April 13 - 19	Final Exam Review	Review for Chapter 8 Exam <b>Chapter 8 Assessment (Exam)</b> Review for Final Exam	Finish Chapter 8 <b>Chapter 8 Assessment (Exam)</b> Review for Final Exam
	April 20 - 26	Finals Week	<b>Final Exams</b>	<b>Final Exams</b>

**MLK Day (National Holiday) -- Monday, January 20, 2020 (Week #3)**

**Learning Day (School/Student Holiday) – Friday, February 14, 2020 (Week #6)**

**Spring Break Week -- March 9 – 15, 2020 (Week#10), Student withdrawal deadline: March 20, 2020**

***This Timeline/Schedule is subject to change at any time by your classroom instructor.***