

MAC 1105– College Algebra

Sullivan, 10th Edition

Suggested Time Line—Summer 2017—Full Term Version

Week #	Dates (M-S)	Textbook Sections Covered	Sections/Topics Covered	Notes
1	May 8 - 14	1.5, 1.6 2.1, 2.2	1.5 Solving Inequalities 1.6 Equations and Inequalities involving Absolute Values 2.1 Distance and Midpoint Formula 2.2 Graphs of Equations in Two Variables; Intercepts; Symmetry	Introductions Cover Chapter 1 Start Chapter 2
2	May 15 – 21	2.3, 2.4, 2.5	2.3 Lines 2.4 Circles 2.5 Variation	Chapter 1 Assessment (Quiz or Exam) Finish Chapter 2
3	May 22 - 28	4.1, 4.3	4.1 Linear Functions and Their Properties 4.3 Quadratic Functions and Their Properties	Chapter 2 Assessment (Exam) Start Chapter 4
4	May 29 - June 4	4.4 3.1	4.4 Build Quadratic Models 3.1 Functions	No Monday Classes (Holiday) Finish Chapter 4 Chapter 4 Assessment (Exam) Start Chapter 3
5	June 5 - 11	3.2, 3.3, 3.4	3.2 The Graph of a Function 3.3 Properties of Functions 3.4 Library of Functions; Piecewise-defined Functions	Continue Chapter 3
6	June 12 - 18	3.5, 3.6 6.1	3.5 Graphing Techniques: Transformations 3.6 Mathematical Models: Building Functions 6.1 Composite Functions	Finish Chapter 3 Chapter 3 Assessment (Exam) Start Chapter 6
7	June 19 - 25	6.2, 6.3, 6.4	6.2 Inverse Functions 6.3 Exponential Functions	Continue Chapter 6

			6.4 Logarithmic Functions	
8	June 26 – July 2	6.5, 6.6, 6.7	6.5 Properties of Logarithms 6.6 Logarithmic and Exponential Equations 6.7 Financial Models	Chapter 6 Assessment Part 1 (6.1 – 6.4) Continue Chapter 6
9	July 3 - 9	6.8 5.1	6.8 Exponential Growth and Decay Models 5.1 Polynomial Functions and Models	No Tuesday Classes (Holiday) Continue Chapter 6 Start Chapter 5
10	July 10 - 16	5.2 (5.3 – 5.5 overview if time permits)	5.2 Properties of Rational Functions Sections 5.3 – 5.5 should be overviewed only if time permits 5.3 Graphs of Rational Functions 5.4 Polynomial and Rational Inequalities 5.5 The Real Zeros of Polynomial Functions	Chapter 6 Assessment Part 2 (6.5 – 6.8) Finish Chapter 5
11	July 17 - 23	8.1, 8.6	8.1 Systems of Linear Equations: Substitution and Elimination 8.6 Systems of Non-Linear Equations	Chapter 5 Assessment (Exam) Start Chapter 8
12	July 24 – 30	8.7	8.7 Systems of Inequalities	Finish Chapter 8 Chapter 8 Assessment (Exam) Review for Final Exam
13	July 31- Aug 6	Final Exam	Final Exam on last day of class (08/02/2016)	Final Exam

Memorial Day (National Holiday) -- Monday, May 29, 2017 (Week #4)

Independence Day (National Holiday) – Tuesday, July 4, 2017 (Week #9)

Full Summer (May 8 – August 1), Summer A (May 8 – June 19), Summer B (June 20 – August 1)

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