MAT 115: College Algebra

Fall 2025

MWF 9:00 – 9:50

Topic Schedule

The contents of this schedule are subject to change. The instructor will notify students of any changes.

Week	**Date**	**Sec.**	**Section topic**
1	Aug 27 W	2.1	Introduction, course policies, reading Guides
	Aug 29 F	2.2	Linear Equations in One Variable
2	Sep 1 M	-	No School - Labor Day
	Sep 3 W	2.3	Models and Applications
	Sep 5 F	2.4	Complex Numbers
3	Sep 8 M	2.5	Quadratic Equations
	Sep 10 W	2.6, 2.7	Inequalities
	Sep 12 F	3.1	Functions
4	Sep 15 M	3.2	Domain and Range
	Sep 17 W	3.3	Rates of Change
	Sep 19 F	3.4	Composition
5	Sep 22 M	3.5	Graph Transformations
	Sep 24 W	-	Review
	Sep 26 F	2.1 - 3.4	Celebration of Knowledge 1
6	Sep 29 M	3.5, 3.6	Absolute Value Functions
	Oct 1 W	3.7	Inverse Functions
	Oct 3 F	3.7	Inverse Functions
7	Oct 6 M	4.1, 4.2	Linear Functions
	Oct 8 W	5.1	Quadratic Functions
	Oct 10 F	5.2	Polynomials
8	Oct 13 M	5.3	Ploting Polynomials
	Oct 15 W	5.4	Dividing Polynomials
	Oct 17 F	5.5	Zeros of Polynomials
9	Oct 20 M	5.6	Rational Functions
	Oct 22 W	-	Review
	Oct 24 F	3.5 - 5.5	Celebration of Knowledge 2
10	Oct 27 M	-	No School - Fall Break
	Oct 29 W	5.6	Rational Functions
	Oct 31 F	5.7	Radical Functions
11	Nov 3 M	5.8	Variation Models
	Nov 5 W	6.1	Exponential Functions
	Nov 7 F	6.3	Logarithmic Functions

Week	**Date**	**Sec.**	**Section topic**
12	Nov 10 M	6.2, 6.4	Graphs of Exponential and Logarithmic Functions
	Nov 12 W	6.5	Properties of Logs
	Nov 14 F	6.5	Properties of Logs
13	Nov 17 M	6.6	Exponential and Logarithmic Equations
	Nov 19 W	6.7	Exponential and Logarithmic Models
	Nov 21 F	CM 6.4	Financial Literacy: Compound Interest
14	Nov 24 M	CM 6.8	Financial Literacy: Loan Basics
	Nov 26 W	-	No Class - Thanksgiving Break
	Nov 28 F	-	No Class - Thanksgiving Break
15	Dec 1 M	-	Review
	Dec 3 W	5.6 - 6.7	Celebration of Knowledge 3
	Dec 5 F	4.3	Fitting Linear Data
16	Dec 8 M	6.8	Fitting Exponential Data
	Dec 9 T	-	Review
	Dec 10 W	-	No Class - Reading Day
	Dec 13 S	**Final Exam** 4:00 PM - 6:50 PM	