

MATH 1050_USU

Guide

A (55 Days)			
Resource(s)/ Components	Focus/Topic	Standard(s)	Duration of Instruction
Unit 1 Lesson 1 Guided Notes myopenmath.com	Introduction to Complex Numbers	PRE-CALCULUS: N.CN.3 N.CN.5	1 Day
Lesson 2 Guided Notes myopenmath.com	Solving Equations	SEC MATH II: A.REI.4 SEC MATH III: A.REI.2	1 Day
Lesson 3 Guided Notes myopenmath.com	Introduction to Functions	PRE-CALCULUS: F.BF.1	1 Day
Lesson 4 Guided Notes myopenmath.com	Function Notation	PRE-CALCULUS: F.BF.1	1 Day
Lesson 5 Guided Notes myopenmath.com	Graphs of Functions	PRE-CALCULUS: F.IF.7	1 Day
	Test Practice		2 Days
	Test		1 Day
Unit 2 Lesson 1 Guided Notes myopenmath.com	Graphs of Common Functions	PRE-CALCULUS: F.IF.7	1 Day
	Review 1		1 Day
Lesson 2 Guided Notes myopenmath.com	Circles	SEC MATH II: A.REI.7	1 Day
Lesson 3 Guided Notes	Transformations of Functions	SEC MATH II: F.BF.3	1 Day

myopenmath.com			
	Review 2		1 Day
Lesson 4 Guided Notes myopenmath.com	Combining Functions	PRE-CALCULUS: F.IF.7	1 Day
Lesson 5 Guided Notes myopenmath.com	Inverse Functions	PRE-CALCULUS: F.BF.4	1 Day
	Test Practice		2 Days
	Test		1 Day
	Review 3		1 Day
Unit 3 Lesson 1 Guided Notes myopenmath.com	Quadratic Functions	SEC MATH II: N.CN.7 N.CN.8	1 Day
Lesson 2 Guided Notes myopenmath.com	Polynomials and Their Graphs	PRE-CALCULUS: F.IF.7	2 Days
	Review 4		1 Day
Lesson 3 Guided Notes myopenmath.com	Polynomial Division	Not In Core	1 Day
Lesson 4 Guided Notes myopenmath.com	The Real Zeros of Polynomials	PRE-CALCULUS: F.IF.7	1.5 Days
	Review 5		1 Day
Lesson 5 Guided Notes myopenmath.com	The Fundamental Theorem of Algebra	SEC MATH III: N.CN.9	1.5 Days
Lesson 5 Guided Notes myopenmath.com	Rational Functions and Their Graphs	PRE-CALCULUS: F.IF.7	2 Days
	Review 6		1 Day
	Test Practice		2 Days

	Test		1 Day
	Review 7		1 Day
Unit 4 Lesson 1 Guided Notes myopenmath.com	Solving Rational Inequalities		2 Days
Lesson 2 Guided Notes myopenmath.com	Exponential Functions	SEC MATH III: F.IF.7 F.LE.4	1 Day
	Review 8		0.5 Day
Lesson 3 Guided Notes myopenmath.com	Logarithmic Functions	PRE- CALCULUS: F.BF.5	1 Day
Lesson 4 Guided Notes myopenmath.com	Properties of Logarithms	PRE- CALCULUS: F.BF.5	1 Day
	Review 9		0.5 Day
Lesson 5 Guided Notes myopenmath.com	Solving Exponential and Logarithmic Equations	PRE- CALCULUS: F.BF.5	2 Days
Lesson 6 Guided Notes myopenmath.com	Exponential and Logarithmic Models	PRE- CALCULUS: F.BF.5	1 Day
	Test Practice		2 Days
	Test		1 Day
	Review 10		0.5 Day
Unit 5 Lesson 1 Guided Notes myopenmath.com	Matrices and Systems of Equations	PRE- CALCULUS: N.VM.6	2 Days
Lesson 2 Guided Notes myopenmath.com	Non-Linear Systems of Equations	PRE- CALCULUS: N.VM.13	1 Day
Lesson 3	Partial Fraction Decomposition		1.5 Days

Guided Notes <u>myopenmath.com</u>			
Lesson 4 Guided Notes <u>myopenmath.com</u>	Matrix Arithmetic	PRE-CALCULUS: N.VM.7 N.VM.8	1 Day
	Review and Final Exam		2 Days

*No Extra Days