

ENGR-1020 Programming and Problem Solving, William A Loring													
		Pre class work		In class work		After class work			Points	In class hours	Out of class hours	Total	Weekly total
		Qty	Assignment	min.	Assignment	min.	Assignment	min.					
Week 1	Chapter 1: Introduction to MATLAB				In Person & Online Classroom	120	Getting Started Activities	30	2.40	0.60	3.00		
	15	Read Chapter 1.1, 1.2, 1.3, 1.4	19	47.37	Getting Started Discussion	15				0.30	0.95	1.25	
							Ninja Notes	30	15	-	0.60	0.60	
							Install MATLAB	60	-	1.20	1.20		
							MATLAB Online Tutorials	60	40	-	1.20	1.20	
										-	-		
							Week 1 MATLAB Activities	90	40	-	1.80	1.80	
										-	-		
										-	-		
												Total	2.70 6.35 9.05 9.05
Week 2	Chapter 1: Introduction to MATLAB				In Person & Online Classroom	120				2.40	-	2.40	
	30	Read Chapter 1.5, 1.6, 1.7, 1.8	19	94.74			Ninja Notes	30	15	-	2.49	2.49	
							Learn to Code with MATLAB	30	30	-	0.60	0.60	
							MATLAB Online Tutorials	60	40	-	1.20	1.20	
							Force and Work Done	90	60	-	1.80	1.80	
										-	-		
							Week 2 MATLAB Activities	90	40	-	1.80	1.80	
							Chapter 1 Quiz	30	20	-	0.60	0.60	
												Total	2.40 8.49 10.89 10.89
Week 3	Chapter 2: Vectors and Matrices				In Person & Online Classroom	120				2.40	-	2.40	
	30	Read Chapter 2.1, 2.2	19	94.74	Think Aloud	15	Ninja Notes	30	15	0.30	2.49	2.79	
							Learn to Code with MATLAB	60	40	-	1.20	1.20	
							MATLAB Online Tutorials	30	20	-	0.60	0.60	
							Position and Velocity Graphs	90	60	-	1.80	1.80	
										-	-		
							Week 3 MATLAB Activities	180	120	-	3.60	3.60	
										-	-		
												Total	2.70 9.69 12.39 12.39
Week 4	Chapter 2: Vectors and Matrices				In Person & Online Classroom	120				2.40	-	2.40	
	30	Read Chapter 2.3, 2.4	19	94.74			Ninja Notes	30	15	-	2.49	2.49	
							Learn to Code with MATLAB	60	40	-	1.20	1.20	
							MATLAB Online Tutorials	30	20	-	0.60	0.60	
										-	-		
							Week 4 MATLAB Activities	90	60	-	1.80	1.80	
							Temperature Data Analysis	120	90	-	2.40	2.40	
										-	-		
										-	-		
							Chapter 2 Quiz	30	30	-	0.60	0.60	
Week 5	Chapter 3 Introduction to MATLAB Programming				In Person & Online Classroom	120				2.40	-	2.40	
	30	Read Chapter 3.1, 3.2, 3.3, 3.4	19	94.74	Think Aloud	15	Ninja Notes	30	15	0.30	2.49	2.79	
							Learn to Code with MATLAB	60	40	-	1.20	1.20	
							MATLAB Online Tutorials	60	40	-	1.20	1.20	
										-	-		
							Week 5 MATLAB Activities	60	40	-	1.20	1.20	
							Python for Engineers	60	40	-	1.20	1.20	

