Week 1 | Week 2 | Week 3 | Week 4

Week 1	Week 2	Week 3	Week 4
Basic Measurement 101	Overview of Machine Tools 121	Cutting Processes 111	History and Definition of CNC 202
Basics of Tolerance 121	Benchwork and Layout Operations 241	Basic Cutting Theory 201	Introduction to CNC Machines 201
Units of Measurement 112	Manual Mill Setup 221	Mill Tool Geometry 361	Basics of the CNC Mill 212
Math Fundamentals 101	Manual Mill Operation 251	Lathe Tool Geometry 351	Basics of the CNC Lathe 211
Math: Fractions and Decimals 111	Engine Lathe Basics 211	Geometry: Lines and Angles 151	CNC Specs for the Mill 220
Algebra Fundamentals 141	Engine Lathe Setup 231	Geometry: Triangles 161	CNC Specs for the Lathe 225
Types of Prints & Engineering Drawings 132		Geometry: Circles and Polygons 171	Coordinates for the CNC Mill 222

Shop:	Class:	Shop:	Class:	Shop:	Class:	Shop:	Class:
Manual Machine Theory	Speeds and Feeds	Block 1	Job Processing	Block 1	Geometry	Boltz	Machine History
Manual Lathe Theory	Tolerance and Measurment	Boltz	Tooling / Machine Overview	Boltz	Algebra	Block 1	Job Processing
Safety		Inspection Room Practice		Haas Controler Practice		Haas Controler Practice	
Manual Lathe Set-up / Operation				Inspection Room Practice			
Manual Mill Set-up / Operation							

Week 5 | Week 6 | Week 7 | Week 8

Week 5	Week 6	Week 7	Week 8
Coordinates for the CNC Lathe 221	Blueprint Reading 131	Inspecting a Prismatic Part 321	Supporting and Locating Principles 111
Offsets on the CNC Mill 262	Introduction to GD&T 301	Inspecting a Cylindrical Part 331	Locating Devices 121
Offsets on the CNC Lathe 261	Trigonometry: The Pythagorean Theorem 201	Shop Trig Overview 210	Introduction to Workholding 101
Canned Cycles for the Mill 322	Trigonometry: Sine, Cosine, Tangent 211	Shop Geometry Overview 170	Major Rules of GD&T 311
Canned Cycles for the Lathe 321	Trigonometry: Sine Bar Applications 221		GD&T Applications 312
Basics of G Code Programming 231			
Introduction to CAD and CAM for Machining 241			

Shop:	Class:	Shop:	Class:	Shop:	Class:	Shop:	Class:
Haas Set-up/ Operation	Speeds and Feeds	Block 2	Programming	Haas Controler Practice	Fusion 360	Block 2	Fusion 360
	Shop floor programming	Speeds and feeds		Block 2	Continuious Improvement	Block 2 Inspection	
		Shop Floor Programming		Fusion 360			