

# *Northeast Alabama Community College*

Suggested Course Rotation – AAS Degree – Industrial Systems Technology

## **Machine Tool Technology**

<b>MTT COURSE ROTATION – TOOL &amp; DIE TRACK</b>		
<b>FA 1</b>	MTT 147	Introduction to Machine Shop I
	MTT 148	Introduction to Machine Shop I Lab
	INT 119	Principles of Mechanical Measurement and Technical Drawing
<b>SP 2</b>	MTT 149	Introduction to Machine Shop II
	MTT 150	Introduction to Machine Shop II Lab
	INT 117	Principles of Industrial Mechanics
	CIS 146	Microcomputer Applications
	SPH 107	Fundamentals of Public Speaking
<b>SU 3</b>	MTT 107	Machining Calculations I
	MTT 108	Machine Handbook Functions I
	WKO ELEC	MSSC or NCCER Core Elective (WKO 110, 131, 132, 133 or 134)
	Area III	Math, Science or Computer Science Elective
<b>FA 4</b>	MTT 162	Precision Grinding
	MTT 163	Precision Grinding Lab
	MTH 116	Mathematical Applications or other 100 level Math
	WKO 106	Workplace Essentials
	Area II	Humanities & Fine Arts Elective
<b>SP 5</b>	MTT 137	Milling I
	MTT 138	Milling I Lab
	CO-OP	Technical Cooperative Education (ADM 150, 151, 152, 153, 154)
	ENG 101	English Composition I
	Area IV	Social and Behavioral Science Elective
<b>SU 6</b>	MTT 134	Lathe Operations I
	MTT 135	Lathe Operations I Lab
<b>FA 7</b>	MTT 140	Basic Computer Numerical Control Turning Programming I
	MTT 243	CNC Turning Lab I
	CNC 158	Die Fundamentals
	CNC 232	Basic Tool and Die
<b>SP 8</b>	MTT 218	Computer Integrated Manufacturing (CIM)
	CNC 160	Die Construction and Tryout
	CNC 161	Die Maintenance & Repair

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