

# Northeast Alabama Community College

Suggested Course Rotation – AAS Degree – Industrial Systems Technology

## Machine Tool Technology

<b>MTT COURSE ROTATION – DUAL ENROLLMENT</b>				
<b>CNC TRACK</b>			<b>MANUAL TRACK</b>	
MTT 140	Basic CNC Turning Programming I	10 <sup>TH</sup> FALL	MTT 147	Introduction to Machine Shop I
CIS 146	Microcomputer Applications		CIS 146	Microcomputer Applications
MTT 243	CNC Turning Lab I	10 <sup>TH</sup> SPRING	MTT 148	Intro to Machine Shop I Lab
MTH 116	Mathematical Applications		MTH 116	Mathematical Applications
MTT 141	Basic CNC Milling Programming I	11 <sup>TH</sup> FALL	MTT 149	Introduction to Machine Shop II
Area II	Humanities & Fine Arts Elective		Area II	Humanities & Fine Arts Elective
MTT 241	CNC Milling Lab I	11 <sup>TH</sup> SPRING	MTT 150	Intro to Machine Shop II Lab
Area III	Math, Science or CIS Elective		Area III	Math, Science or CIS Elective
MTT 213	Advanced CNC Milling	12 <sup>TH</sup> FALL	MTT 137	Milling I
Area IV	Social and Behavioral Science		Area IV	Social and Behavioral Science
MTT 242	CNC Milling Lab II	12 <sup>TH</sup> SPRING	MTT 138	Milling I Lab
WKO ELEC	MSSC or NCCER Core Elective		WKO ELEC	MSSC or NCCER Core Elective
<b>High school graduation + 42 college credit hours</b>				
MTT 107	Machining Calculations I	SUMMER	MTT 134	Lathe Operations I
MTT 108	Machine Handbook Functions I		MTT 135	Lathe Operations I Lab
MTT 218	Computer Integrated Mfr (CIM)	FALL	MTT 162	Precision Grinding
WKO 106	Workplace Essentials		MTT 163	Precision Grinding Lab
INT 119	Principles of Mechanical Measurement and Technical Drawing		INT 119	Principles of Mechanical Measurement and Technical Drawing
ENG 101	English Composition I		ENG 101	English Composition I
MTT 212	Advanced CNC Turning	SPRING	INT 117	Principles of Ind. Mechanics
MTT 244	CNC Turning Lab II		CO-OP	Technical Cooperative Education
INT 117	Principles of Ind. Mechanics		WKO 106	Workplace Essentials
SPH 107	Fund. of Public Speaking		SPH 107	Fund. of Public Speaking
CO-OP	Technical Cooperative Education		MTT 218	Computer Integrated Mfr (CIM)
<b>NACC GRADUATION – AAS Degree: Industrial Systems – Machine Tool Technology</b>				

\*In order to complete the degree in 3 semesters following high school graduation, students must progress through all Area V courses in sequential order from the top, and stay within the rotation of the selected track.

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