

AAS Machine Tool Technology

First Year Fall Term

<u>Course</u>	<u>Course Title</u>	<u>Credit Hours</u>
MTT 110	Fundamentals of Machine Tools A and	3
MTT 112	Fundamentals of Machine Tools B or	4
MTT 114	Fundamentals of Machine Tools	(7)
MTT 118	Metrology/Control Charts	3
MAT 116	Technical Mathematics or	3
MAT 126	Technical Algebra and Trigonometry or Higher	(3)
BRX 110	Basic Blueprint Reading for Machinist	2
CIS 100	Introduction to Computers	3
Subtotal		15 – 18

First Year Spring Term

<u>Course</u>	<u>Course Title</u>	<u>Credit Hours</u>
MTT 120	Applied Machining I and	3
MTT 122	Applied Machining II or	4
MTT 124	Applied Machining	(7)
MTT 130	Manual Programming and	3
MTT 132	CAD/CAM/CNC or	3
MTT 134	Manual Programming/CAD/CAM/CNC or	(6)
MTT 138	Intro to Programming & CNC Machines	(6)
ENG 101	Writing I	3
BRX 210	Mechanical Blueprint Reading for Machinist	2
Subtotal		18

Second Year Fall Term

<u>Course</u>	<u>Course Title</u>	<u>Credit Hours</u>
MTT 210	Industrial Machining I	3
MTT 212	Industrial Machining II or	4
MTT 214	Industrial Machining	(7)
MTT 2301	Intro to Conversational Programming and	3
MTT 2302	Conversational Editing and Subroutines or	3
MTT 230	Conversational Programming or	(6)
MTT 234	CNC Machines & Coding Practices	(6)
	Science	3-4
	Elective	2 - 3
Subtotal		18 - 20

**Second Year
Spring
Term**

<u>Course</u>	<u>Course Title</u>	<u>Credit Hours</u>
MTT 220	Advanced Industrial Machining I and	4
MTT 222	Advanced Industrial Machining II or	2
MTT 224	Advanced Industrial Machining	(6)
MTT 2401	Intro to 3-D Code Sequencing and Tool path Production and	3
MTT 2402	Advanced 3-D Code Sequencing and Macro Systems or	3
MTT 240	Intro to 3-D Programming or	(6)
MTT 244	Advanced Programming/Setup Practices	(6)
	Social Interaction	3
	Heritage/Humanities	3
	Subtotal	18
	Total Credits	69-74

AAS Degree: General Occupational Technical Studies
(Requires 9 additional credit hours of General Education Courses)