

Two Year Plan of Study for the Associate of Applied Science Degree in

Advanced Manufacturing Technology - Machining Option

<b>Name:</b>	
<b>COTC Student ID#:</b>	
<b>Advisor:</b>	
Datatel Department Code	<b>AMTMA</b>
COTC Major Number	<b>003062</b>
OBR Subjectcode	<b>150613</b>

1. Courses listed on this Plan of Study may have prerequisites; please see the Course Description Section on the COTC Web Page (COTC Current Students Tab).
2. Courses highlighted on this Plan of Study are offered only once a year in the Quarter indicated; courses not highlighted on this Plan of Study may or may not be offered more than once per year.
3. A grade of C (2.00) or better is required for all courses listed as prerequisites for advanced courses.

**KEY:** \* Indicates this course has a prerequisite; please see the Course Description Section on the COTC Web Page.

COURSE NAME	COURSE TITLE	CR HRS	CRS TYPE	QTR OFFERED	COURSE NAME	COURSE TITLE	CR HRS	CRS TYPE	QTR OFFERED	COURSE NAME	COURSE TITLE	CR HRS	CRS TYPE	QTR OFFERED
<b>QUARTER 1</b>					<b>QUARTER 2</b>					<b>QUARTER 3</b>				
AMT-3434	Machining Calculations	2.00	Tech	AU	AMT-3435	Metrology	2.00	Tech	WI	AMT-3433	Principles of Manufacturing	3.00	Tech	SP
AMT-3437	Principles of Machining	3.00	Tech	AU	AMT-3439	Machining - Turning II	3.00	Tech	WI	AMT-3469	Machining - Milling II	3.00	Tech	SP
AMT-3438	Machining - Turning I	3.00	Tech	AU	AMT-3468	Machining - Milling I	3.00	Tech	WI	BHS-1030	Reasoning Skills	4.00	Non-Tech	SM,AU,WI,SP
ETA-3071	OSHA 30	3.00	Non-Tech	AU	PHY-1726	Physics I - Mechanics	5.00	Non-Tech	WI	COM-1535	Composition I	4.00	Non-Tech	SM,AU,WI,SP
MTH-1226	Trigonometry	5.00	Non-Tech	SM,AU,WI,SP										
	<b>Total</b>	16.00				<b>Total</b>	13.00				<b>Total</b>	14.00		
<b>QUARTER 4</b>					<b>QUARTER 5</b>					<b>QUARTER 6</b>				
BHS-1385	Organizational Psychology	3.00	Non-Tech	SM,AU,WI,SP	AMT-3445	CNC - Turning I	3.00	Tech	AU	AMT-3413	Prod Planning & Control	2.00	Tech	WI
CMP-1601	Principles of Computing	1.00	Non-Tech	SM,AU,WI,SP	AMT-3447	Materials of Manufacturing	3.00	Tech	AU	AMT-3436	CAD for Machining	4.00	Tech	WI
	Technical Elective - List A	2.00	Tech	SM	AMT-3475	CNC - Milling I	3.00	Tech	AU	AMT-3446	CNC - Turning II	3.00	Tech	WI
					COM-1536	Composition II	4.00	Non-Tech	SM,AU,WI,SP	BMT-2018	Project Management	3.00	Non-Tech	WI
					DDT-3706	Introduction to CAD	2.00	Tech	AU	COM-1523	Small Group Communications	3.00	Non-Tech	SM,AU,WI,SP
	<b>Total</b>	6.00				<b>Total</b>	15.00				<b>Total</b>	15.00		
<b>QUARTER 7</b>					<b>QUARTER 8</b>									
AMT-3415	Statistical Process Control	3.00	Tech	SP	BMT-2071	Team Building	4.00	Non-Tech	SM					
AMT-3448	CNC Graphic Programming	4.00	Tech	SP		Technical Elective - List B	2.00	Tech	SM					
AMT-3476	CNC - Milling II	3.00	Tech	SP										
BMT-2070	Managerial Skills	4.00	Non-Tech	SP										
COM-1525	Technical Writing	3.00	Non-Tech	SM,AU,WI,SP										
	<b>Total</b>	17.00				<b>Total</b>	6.00							

Non-Technical Electives -- None Required to Complete this Degree

Technical Electives List A -- Total of 2 Credit Hours Required to Complete this Degree

AMT-3490	Cooperative Education - Machining	2.00	Tech	SM	AMT-3492	Field Experience - Machining	2.00	Tech	SM	AMT-3494	Practicum - Machining	2.00	Tech	SM
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Technical Electives List B -- Total of 2 Credit Hours Required to Complete this Degree

AMT-3491	Cooperative Education - CNC	2.00	Tech	SM	AMT-3493	Field Experience - CNC	2.00	Tech	SM	AMT-3495	Practicum - CNC	2.00	Tech	SM
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**Total Credit Hours Required for Completion of Degree 102.00**

Non-Technical Required Credit Hours 46.00

Technical Required Credit Hours 56.00