

Name:	
Social Security Number:	
Advisor:	
Datatel Department Code	AMTMA
COTC Major Number:	003062
OBR Subjectcode:	150613

**Two Year Plan of Study for the Associate of Applied Science Degree in
 Advanced Manufacturing Technology - Machining Option**

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.

Quarter 1 Autumn			Quarter 2 Winter			Quarter 3 Spring		
AMT-3434	Machining Calculations	2.00	AMT-3435	Metrology	2.00	AMT-3433	Principles of Manufacturing	3.00
AMT-3437	Principles of Machining	3.00	AMT-3439	Machining - Turning II	3.00	AMT-3469	Machining - Milling II	3.00
AMT-3438	Machining - Turning I	3.00	AMT-3468	Machining - Milling I	3.00	BHS-1030	Reasoning Skills	4.00
ETA-3071	OSHA 30	3.00	PHY-3025	Physics - Mechanics	5.00	COM-1535	Composition I	4.00
MTH-1226	Trigonometry	5.00						
	Total	16.00		Total	13.00		Total	14.00
Quarter 4 Summer			Quarter 5 Autumn			Quarter 6 Winter		
BHS-1385	Organizational Psychology	3.00	AMT-3445	CNC - Turning I	3.00	AMT-3413	Prod Planning & Control	2.00
CMP-1601	Principles of Computing	1.00	AMT-3447	Materials of Manufacturing	3.00	AMT-3436	CAD for Machining	4.00
	Technical Elective - List A	2.00	AMT-3475	CNC - Milling I	3.00	AMT-3446	CNC - Turning II	3.00
			COM-1536	Composition II	4.00	BMT-2018	Project Management	3.00
			DDT-3706	Introduction to CAD	2.00	COM-1523	Small Group Communications	3.00
	Total	6.00		Total	15.00		Total	15.00
Quarter 7 Spring			Quarter 8 Summer					
AMT-3415	Statistical Process Control	3.00	BMT-2071	Team Building	4.00			
AMT-3448	CNC Graphic Programming	4.00		Technical Elective - List B	2.00			
AMT-3476	CNC - Milling II	3.00						
BMT-2070	Managerial Skills	4.00						
COM-1525	Technical Writing	3.00						
	Total	17.00		Total	6.00			

TOTAL CREDIT HOURS REQUIRED: 102.00

Non-Technical Elective	Technical Electives - List A Options	Technical Electives - List B Options
No Non-Technical Electives Required	Total of 2 credit hours required	Total of 2 credit hours required
	AMT-3490 Cooperative Education - Machining 2.00	AMT-3491 Cooperative Education - CNC 2.00
	AMT-3492 Field Experience - Machining 2.00	AMT-3493 Field Experience - CNC 2.00
	AMT-3494 Practicum - Machining 2.00	AMT-3495 Practicum - CNC 2.00