

Program of Study: **Applied Engineering Technology Machining - Diploma (D40130M)**
 Curriculum Standard: A40130*2020FA
 Status: **Approved with Override 06/01/21**

Type: TRD
 Catalog: **2021 Fall**
 End Date:

						Class	Lab	Clinc/Exp	Credits (10.00)
1) General Education Requirements									
Eng/Com Requirement									
> Take 3 credits									
From	S25433	ENG-111	2020FA	Writing and Inquiry	CO-DIP	3.00	0.00	0.00	3.00
	S12601	COM-231	1997SU	Public Speaking	CO-DIP	3.00	0.00	0.00	3.00
Math									
> Take 4 credits									
From	S25431	MAT-152	2020FA	Statistical Methods I	MA-DIP	3.00	2.00	0.00	4.00
	S25432	MAT-171	2020FA	Precalculus Algebra	MA-DIP	3.00	2.00	0.00	4.00
PSY/SOC									
> Take 3 credits									
From	S10777	PSY-150	1997SU	General Psychology	SB-DIP	3.00	0.00	0.00	3.00
	S11919	SOC-210	1997SU	Introduction to Sociology	SB-DIP	3.00	0.00	0.00	3.00
2) Major Requirements (20.00)									
Computer Applications									
> Take 3 credits									
From	S21058	CIS-110	2006SP	Introduction to Computers	MA-DIP (2ND)	2.00	2.00	0.00	3.00
Safety									
> Take 2 credits									
From	S23527	ISC-112	2013FA	Industrial Safety		2.00	0.00	0.00	2.00
Computers									
> Take 2 credits									
From	S13624	DFT-119	1997SU	Basic CAD		1.00	2.00	0.00	2.00
Electricity									
> Take 4 credits									
From	S23482	ELC-131	2013FA	Circuit Analysis I		3.00	3.00	0.00	4.00
Engineering									
> Take 3 credits									
From	S23526	HYD-110	2013FA	Hydraulics/Pneumatics I		2.00	3.00	0.00	3.00
Motors and Controls									
> Take 4 credits									
From	S23521	ELC-117	2013FA	Motors and Controls		2.00	6.00	0.00	4.00
Specialty									
> Take 2 credits									
From	S23467	ATR-112	2013FA	Intro to Automation		2.00	3.00	0.00	3.00

	S20654	MEC-111	2005SP	Machine Processes I	1.00	4.00	0.00	3.00
3)	Other Major Requirements							
	Other Major Hours							
	> Take 16 credits							
	From S21655	ELN-260	2007FA	Prog Logic Controllers	3.00	3.00	0.00	4.00
	S11049	MAC-121	1997SU	Intro to CNC	2.00	0.00	0.00	2.00
	S11081	MAC-122	1997SU	CNC Turning	1.00	3.00	0.00	2.00
	S11096	MAC-124	1997SU	CNC Milling	1.00	3.00	0.00	2.00
	S20654	MEC-111	2005SP	Machine Processes I	1.00	4.00	0.00	3.00
	S14043	MEC-112	1997SU	Machine Processes II	2.00	3.00	0.00	3.00
4)	Other Requirements							
	Other Requirements							
	> Take 1 credit							
	From S13516	ACA-115	1997SU	Success & Study Skills	0.00	2.00	0.00	1.00
	(47.00)							