

Program of Study: **Applied Engineering Technology (D40130M2)**
 Curriculum Standard: A40130*2020FA
 Status: **Approved by System Office 05/14/21**

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

						Class	Lab	Clinc/Exp	Credits
1) General Education Requirements									(6.00)
Communication									
> Take 3 credits									
	From S12601	COM-231	1997SU	Public Speaking	CO-DIP	3.00	0.00	0.00	3.00
Math									
> Take 3 credits									
	From S25429	MAT-121	2020FA	Algebra/Trigonometry I	MA-DIP	2.00	2.00	0.00	3.00
2) Major Requirements									(20.00)
Technical Core									
> Take 5 credits									
	From S21058	CIS-110	2006SP	Introduction to Computers	MA-DIP (2ND)	2.00	2.00	0.00	3.00
	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 S14051	MEC-110	1997SU	Intro to CAD/CAM		1.00	2.00	0.00	2.00
3) Other Major Requirements									(19.00)
Required Major Courses									
> Take 19 credits									
	From S21655	ELN-260	2007FA	Prog Logic Controllers		3.00	3.00	0.00	4.00
	S11081	MAC-122	1997SU	CNC Turning		1.00	3.00	0.00	2.00
	S22986	MAC-181	2011FA	CNC Mill: Prog Set & Oper		2.00	6.00	0.00	4.00
	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
	S24064	TDP-110	2014SU	Introduction to 3D Printing		2.00	3.00	0.00	3.00

4) Other Requirements									(1.00)
Other Required Course									
> Take 1 credit									
From S13516 ACA-115 1997SU Success & Study Skills					0.00	2.00	0.00		1.00
									(46.00)

Printed comments:

Courses included in this CTE program of study are offered in the college's traditional, local certificate as listed in the college catalog.