

CTE Course Crosswalk

TAC Chapter 130. Career and Technical Education			
Subchapter O. Science, Technology, Engineering, and Mathematics			
2010	Credits	2017	Credits
Concepts of Engineering and Technology	.5 - 1	Principles of Applied Engineering	1
Biotechnology	1 - 2	Principles of Biosciences	1
Advanced Biotechnology	1	Biotechnology I	1
n/a		Biotechnology II	1
Engineering Design and Presentation	1 - 2	Engineering Design and Presentation I	1
Advanced Engineering Design and Presentation	2 - 3	Engineering Design and Presentation II	2
Engineering Mathematics	1	Engineering Mathematics	1
Electronics	1 - 2	AC/DC Electronics	1
Advanced Electronics	2 - 3	Solid State Electronics	1
Robotics and Automation	1 - 2	Robotics I	1
n/a		Robotics II	1
Principles of Technology	1	Principles of Technology	1
Scientific Research and Design	1	Scientific Research and Design	1
Engineering Design and Problem Solving	1	Engineering Design and Problem Solving	1
Principles of Engineering	1	Engineering Science	1
Digital Electronics	1	Digital Electronics	1
Practicum in Science, Technology, Engineering, and Mathematics	2 - 3	Practicum in Science, Technology, Engineering, and Mathematics	2
		Extended Practicum in Science, Technology, Engineering, and Mathematics*	1

*This course must be taken concurrently with Practicum in Science, Technology, Engineering, and Mathematics and may not be taken as a stand-alone course.