



Department of Career and Technical Education
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Coordinated Plans of Study
 for Career and Technical Education Scholarship
Technology Education

Pre-Engineering			Applied Technology			Project Lead the Way		
Course Code	Description	No. of Cr	Course Code	Description	No. of Cr	Course Code	Description	No. of Cr
10094	Foundations of Technology	1/2 or 1	10094	Foundations of Technology	1/2 or 1	10511	Introduction to Engineering Design	1/2 or 1
10251	Communication Technology	1/2 or 1	10111	Construction Technology	1/2 or 1	10512	Digital Electronics	1/2 or 1
10510	Invention & Innovation	1/2 or 1	10110	Production Technology	1/2 or 1	10513	Principals of Engineering	1/2 or 1
10410	Engineering Technology	1/2 or 1	10121	Manufacturing Technology	1/2 or 1	10514	Civil Engineering & Architecture	1/2 or 1
10096	Technological Issues	1/2 or 1	10251	Communication Technology	1/2 or 1	TBD	Aerospace Engineering	1/2 or 1
10095	Impacts of Technology	1/2 or 1	10259	Design/Drafting	1/2 or 1	10517	Computer Integrated Manufacturing	1/2 or 1
10515	Technological Systems	1/2 or 1	10260	3D Modeling & Design	1/2 or 1	10091	Individual Technical Problems	1/2 or 1
10338	Probase - Advanced Design Applications	1/2 or 1	10331	Energy & Transportation Technology	1/2 or 1	10999	Cooperative Work Experience	1/2 to 2
10339	Probase - Advanced Tech Applications	1/2 or 1	10093	Applying Technology	1/2 or 1			
10411	Robotics Engineering	1/2 to 1	10411	Robotics Engineering	1/2 to 1			
10091	Individual Technical Problems	1/2 or 1	10091	Individual Technical Problems	1/2 or 1			
10999	Cooperative Work Experience	1/2 to 2	10999	Cooperative Work Experience	1/2 to 2			
17015	Technical Studies I	1/2 or 1	17015	Technical Studies I	1/2 or 1			
17016	Technical Studies II	1/2 or 1	17016	Technical Studies II	1/2 or 1			
17017	Technical Studies III	1/2 to 1	17017	Technical Studies III	1/2 to 1			
17018	Technical Studies IV	1/2 to 1	17018	Technical Studies IV	1/2 to 1			
Must complete at least 2 credits			Must complete at least 2 credits			Must complete at least 2 credits		

