

Trade, Industry & Technical Education – Coordinated Plans of Study for ND Career and Technical Education or Academic Scholarships														
Transportation, Distribution & Logistics Career Cluster						Architecture & Construction Career Cluster								
Transportation Operations			Facility and Mobile Equipment Maintenance			Construction			Maintenance/Operations			Design/Pre-Construction		
Course Code	Description	No. of Credits	Course Code	Description	No. of Credits	Course Code	Description	No. of Credits	Course Code	Description	No. of Credits	Course Code	Description	No. of Credits
17812	Aviation Technology I	1 or 2	17030	Auto Collision Tech I	1 or 2	17100	Building Trades I	1 or 2	17110	Facilities Maintenance I	1 or 2	17130	Drafting Technology I	1 or 2
17813	Aviation Technology II	1 or 2	17031	Auto Collision Tech II	2	17101	Building Trades Summer Academy	½	17118	Facilities Maintenance II	2	17131	Drafting Technology II	2
17045	Commercial Driver License	1	17029	Foundations of Automotive	1/2	17117	Building Trades II	2	17120	Residential Plumbing	2	10511	*PLTW Introduction to Engineering Design (IED)	1
17814	Unmanned Aircraft Systems	1 or 2	17032	Auto Tech I	1 or 2	17120	Residential Plumbing	2	17115	Sheet Metal Technology	2	17950	T&I Capstone	½ or 1
17950	T&I Capstone	½ or 1	17036	Automotive Technology Summer Academy	½ or 1	17112	HVAC	2	17112	HVAC	2	17999	Cooperative Work Experience	½ to 2
17999	Cooperative Work Experience	½ to 2	17037	Auto Tech II	2	17125	Electrical Technology	2	17950	T&I Capstone	½ or 1	37020	Architecture & Construction Cluster	½ or 1
37170	Transportation, Distribution & Logistics Cluster	½ or 1	17038	Auto General Service Tech I	1 or 2	17950	T&I Capstone	½ or 1	17999	Cooperative Work Experience	½ to 2			
			17039	Auto General Service Tech II	2	17999	Cooperative Work Experience	½ to 2	37020	Architecture & Construction Cluster	½ or 1			
			17035	Parts & Merchandise Management	2	37020	Architecture & Construction Cluster	½ or 1						
			17040	Diesel Tech	1 or 2									
			17041	Diesel Technology II	2									
			17310	Recreational Small Engine Technology I	1 or 2									
			17311	Recreational Small Engine Technology	2									
			17950	T&I Capstone	½ or 1									
			17999	Cooperative Work Experience	½ to 2									
			37170	Transportation, Distribution & Logistics Cluster	½ or 1									*PLTW Endorsement required to teach this course
Must complete at least 2 credits			Must complete at least 2 credits			Must complete at least 2 credits			Must complete at least 2 credits			Must complete at least 2 credits		

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Manufacturing Career Cluster						Hospitality & Tourism Career Cluster			Arts, AV Technology & Communications Career Cluster			Agriculture, Food & Natural Resources Career Cluster		
Production			Manufacturing Production Process Development			Restaurants & Food/Beverage Services			Visual Arts			Natural Resources Systems		
Course Code	Description	No. of Credits	Course Code	Description	No. of Cr	Course Code	Description	No. of Credits	Course Code	Description	No. of Cr	Course Code	Description	No. of Credits
17236	Welding Technology I	1 or 2	17150	Electronics Technology I	1 or 2	17050	Culinary Arts I	1 or 2	17072	Commercial Art I	1 or 2	17410	Exploration of Oil Industry	½ or 1
17237	Welding Technology II	2	17151	Electronics Technology II	1 or 2	17051	Culinary Arts II	2	17073	Commercial Art II	2	17413	Petroleum Industry Skills	½ or 1
17238	Virtual Center Welding Technology Summer Academy	½	17152	Electronics Technology III	1 or 2	17950	T&I Capstone	½ or 1	17080	Photography	1 or 2	17950	T&I Capstone	½ or 1
17230	Machine Tooling Technology	1 or 2	17950	T&I Capstone	½ or 1	17999	Cooperative Work Experience	½, 1, or 2	17190	Graphic Communications I	1 or 2	17999	Cooperative Work Experience	½ to 2
17113	Automated Manufacturing	1 or 2	17999	Cooperative Work Experience	½ to 2				17191	Graphic Communications II	2			
17950	T&I Capstone	½ or 1	37140	Manufacturing Cluster	½ or 1				17140	Audio/Visual Production	1 or 2			
17999	Cooperative Work Experience	½ to 2							17950	T&I Capstone	½ or 1			
37140	Manufacturing Cluster	½ or 1							17999	Cooperative Work Experience	½ to 2			
									37030	Arts, A/V Technology & Communications Cluster	½ or 1			
Must complete at least 2 credits			Must complete at least 2 credits			Must complete at least 2 credits			Must complete at least 2 credits			Must complete at least 2 credits		