

HIGH SCHOOL CAREER CLUSTERS COURSE CODES GRADES 9-12

*High school (grades 9-12) courses in Career Clusters **require 150 contact hours** per Career and Technical Education (CTE) credit.*

Course Code	Course Name	Recommended Grade Levels	Description	High School Credit Options*	License/credential Required**
37020	Architecture and Construction	9-12	The Career Cluster for Architecture and Construction encompasses careers in designing, planning, managing, building and maintaining the built environment. Career opportunities are available in the pathways of Design/Pre-Construction, Construction and Maintenance/Operations.	½ or 1 <i>Max credit = 1</i>	License Code: 37020-CTE Architecture and Construction ◆ 9-12 OR 37021-Provisional/CTE-Architecture and Construction ◆ 9-12
37030	Arts, A/V Technology and Communications	9-12	The Career Cluster for Arts, Audio-Video Technology and Communications encompasses designing, producing, exhibiting, performing, writing and publishing multimedia content including visual and performing arts and design, journalism and entertainment services. Career opportunities are available in the pathways of Audio and Video Technologies, Printing Technologies, Visual Arts, Performing Arts, Journalism and Broadcasting and Telecommunications Technologies.	½ or 1 <i>Max credit = 1</i>	License Code: 37030-CTE Arts, A/V Technology and Communication ◆ 9-12 OR 37031-Provisional/CTE Arts, A/V Technology and Communication ◆ 9-12
37080	CTE Health Careers	9-12	The Career Cluster for Health Careers encompasses planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development. It will provide an introduction to health careers through an examination of occupations within the health sciences industry.	½ or 1 <i>Max credit = 1</i>	License Code: 37080-CTE Health Careers ◆ 9-12 OR 37081-Provisional/CTE Health Careers ◆ 9-12
37140	Manufacturing	9-12	The Career Cluster for Manufacturing encompasses planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering. Career opportunities are available in the pathways of Production; Manufacturing Production Process Development; Maintenance, Installation and Repair; Quality Assurance; Logistics and inventory control and Health, Safety and Environmental Assurance.	½ or 1 <i>Max credit = 1</i>	License Code: 37140-CTE Manufacturing ◆ 9-12 OR 37141-Provisional/CTE Manufacturing ◆ 9-12

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Course Code	Course Name	Recommended Grade Levels	Description	High School Credit Options*	License/credential Required**
37170	Transportation, Distribution, and Logistics	9-12	The Career Cluster of Transportation, Distribution and Logistics encompasses planning, management and movement of people, materials and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance. Career opportunities are available in the pathways of Transportation Operations; Logistics Planning and Management Services; Warehousing and Distribution Center Operation; Facility and Mobile Equipment Maintenance; Transportation Systems/Infrastructure Planning, Management and Regulation; Health, Safety and Environmental Management and Sales and Service.	½ or 1 <i>Max credit = 1</i>	License Code: 37170-CTE Transportation, Distribution, and Logistic ◆ 9-12 OR 37171-Provisional/CTE Transportation, Distribution, and Logistics ◆ 9-12

* *High school curricular requirements are spelled out in NDCC 15.1-21-02 and High school unit - instructional time is NDCC 15.1-21-03. Maximum credit refers to the maximum units of credit a student may earn for a course over four years of high school. (Example: Band - a student may be enrolled in band all four years of high school -- earning a possible total of four units of credit.)*

** *Please refer to the second page of the teacher's North Dakota Educator's Professional license to verify which subject areas a teacher is qualified to teach. Licenses and endorsements are obtained on a teaching license from the Education Standards and Practices Board (ESPB).*

Credentials are obtained from the Department of Public Instruction (DPI) and are issued to individuals holding a current teaching license.