



Coordinated Plans of Study
 for Career and Technical Education Scholarship
Agriculture Education - AGRIBUSINESS SYSTEMS

Agribusiness			Agribusiness (alt)		
Course Code	Description	No. of Cr	Course Code	Description	No. of Cr
01011	Introduction to Agriculture	1/2, 1	01021	Agriscience Technology I	1/2, 1
01012	Foundations of Agriculture	1/2, 1	01022	Agriscience Technology II	1/2, 1
01035	Agricultural Business Management	1/2, 1	01035	Agricultural Business Management	1/2, 1
01069	World Agricultural Science and Technology	1/2, 1	01069	World Agricultural Science and Technology	1/2, 1
01995	Supervised Agricultural Experience	1/4,1/2, 1	01995	Supervised Agricultural Experience	1/4,1/2, 1
01999	Cooperative Work Experience	1/2, 1	01999	Cooperative Work Experience	1/2, 1
01990	Individual Agricultural Studies	1/2,1	01990	Individual Agricultural Studies	1/2,1
Must complete at least 2 credits			Must complete at least 2 credits		

Agriculture Education - AGRIBUSINESS SYSTEMS

Agricultural Sales			Agricultural Sales (alt)		
Course Code	Description	No. of Cr	Course Code	Description	No. of Cr
01011	Introduction to Agriculture	1/2, 1	01021	Agriscience Technology I	1/2, 1
01012	Foundations of Agriculture	1/2, 1	01022	Agriscience Technology II	1/2, 1
01034	Agricultural Sales & Services	1/2, 1	01034	Agricultural Sales & Services	1/2,1
01993	Community Development	1/4,1/2, 1	01993	Community Development	1/4,1/2, 1
01995	Supervised Agricultural Experience	1/4,1/2, 1	01995	Supervised Agricultural Experience	1/4,1/2, 1
01999	Cooperative Work Experience	1/2, 1	01999	Cooperative Work Experience	1/2, 1
01990	Individual Agricultural Studies	1/2,1	01990	Individual Agricultural Studies	1/2,1
Must complete at least 2 credits			Must complete at least 2 credits		

Agriculture Education - AGRIBUSINESS SYSTEMS

Farm & Ranch Mgmt			Farm & Ranch Mgmt (alt)		
Course Code	Description	No. of Cr	Course Code	Description	No. of Cr
01011	Introduction to Agriculture	1/2, 1	01021	Agriscience I	1/2, 1
01012	Foundations of Agriculture	1/2, 1	01022	Agriscience II	1/2, 1
01035	Agricultural Business Management	1/2,1	01035	Agricultural Business Management	1/2,1
01034	Agricultural Sales & Services	1/2,1	01034	Agricultural Sales & Services	1/2,1
01069	World Agricultural Science and Tech	1/2,1	01069	World Agricultural Science and Tech	1/2,1
01995	Supervised Agricultural Experience	1/4,1/2, 1	01995	Supervised Agricultural Experience	1/4,1/2, 1
01999	Cooperative Work Experience	1/2, 1	01999	Cooperative Work Experience	1/2, 1
01990	Individual Agricultural Studies	1/2,1	01990	Individual Agricultural Studies	1/2,1
Must complete at least 2 credits			Must complete at least 2 credits		



Coordinated Plans of Study
 for Career and Technical Education Scholarship

Agriculture Education - AGRIBUSINESS SYSTEMS

Agriculture Entrepreneurship			Agriculture Entrepreneurship (alt)		
Course Code	Description	No. of Cr	Course Code	Description	No. of Cr
01011	Introduction to Agriculture	1/2,1	01021	Agriscience I	1/2,1
01012	Foundations of Agriculture	1/2,1	01022	Agriscience II	1/2,1
01073	Agriculture III	1/2,1	01023	Agriscience III	1/2,1
01074	Agriculture IV	1/2,1	01025	Agriscience IV	1/2,1
01995	Supervised Agricultural Experience	1/4,1/2, 1	01995	Supervised Agricultural Experience	1/4,1/2, 1
01999	Cooperative Work Experience	1/2, 1	01999	Cooperative Work Experience	1/2, 1
01990	Individual Agricultural Studies	1/2,1	01990	Individual Agricultural Studies	1/2,1
01035	Agricultural Business Management	1/2, 1	01035	Agricultural Business Management	1/2, 1
01034	Agricultural Sales & Services	1/2,1			
Must complete at least 2 credits			Must complete at least 2 credits		

Agriculture Education - Power, Structural & Technical Systems

Ag Mechanics (Power, Structural & Technical)			Ag Mechanics (Power, Structural & Technical (alt))		
Course Code	Description	No. of Cr	Course Code	Description	No. of Cr
01011	Introduction to Agriculture	1/2,1	01021	Agriscience I	1/2,1
01012	Foundations of Agriculture	1/2,1	01022	Agriscience II	1/2,1
01073	Agriculture III	1/2,1	01023	Agriscience III	1/2,1
01074	Agriculture IV	1/2,1	01025	Agriscience IV	1/2,1
01043	Agricultural Mechanics Technology I	1/2,1	01043	Agricultural Mechanics Technology I	1/2,1
01044	Agricultural Mechanics Technology II	1/2,1	01044	Agricultural Mechanics Technology II	1/2,1
01045	Agricultural Mechanics Technology III	1/2,1	01045	Agricultural Mechanics Technology III	1/2,1
01046	Agricultural Welding & Fabrication	1/2,1	01046	Agricultural Welding & Fabrication	1/2,1
01047	Advanced Ag Welding & Fabrication	1/2,1	01047	Advanced Ag Welding & Fabrication	1/2,1
01990	Individual Agriculture Studies	1/2,1	01990	Individual Agriculture Studies	1/2,1
01995	Supervised Agriculture Expeerience	1/4,1/2,1	01995	Supervised Agriculture Expeerience	1/4,1/2,1
01999	Cooperative Work Experience	1/2,1	01999	Cooperative Work Experience	1/2,1
Must complete at least 2 credits			Must complete at least 2 credits		

Agriculture Education - Power, Structural & Technical Systems

Ag Welding & Fabrication			Ag Welding & Fabrication (alt)		
Course Code	Description	No. of Cr	Course Code	Description	No. of Cr
01011	Introduction to Agriculture	1/2,1	01021	Agriscience I	1/2,1
01012	Foundations of Agriculture	1/2,1	01022	Agriscience II	1/2,1
01046	Agricultural Welding & Fabrication	1/2,1	01046	Agricultural Welding & Fabrication	1/2,1
01047	Advanced Ag Welding & Fabrication	1/2,1	01047	Advanced Ag Welding & Fabrication	1/2,1
01990	Individual Agriculture Studies	1/2,1	01990	Individual Agriculture Studies	1/2,1
01995	Supervised Agriculture Expeerience	1/4,1/2,1	01995	Supervised Agriculture Expeerience	1/4,1/2,1
01999	Cooperative Work Experience	1/2,1	01999	Cooperative Work Experience	1/2,1
Must complete at least 2 credits			Must complete at least 2 credits		



**Coordinated Plans of Study
 for Career and Technical Education Scholarship
 Agriculture Education - Environmental Services Systems**

Environmental Services			Environmental Services (alt)		
Course Code	Description	No. of Cr	Course Code	Description	No. of Cr
01011	Introduction to Agriculture	1/2,1	01021	Agriscience I	1/2,1
01012	Foundations of Agriculture	1/2,1	01022	Agriscience II	1/2,1
01073	Agriculture III	1/2,1	01023	Agriscience III	1/2,1
01074	Agriculture IV	1/2,1	01025	Agriscience IV	1/2,1
01053 - 54	Botany/Horticulture Science	1/2,1	01053 - 54	Botany/Horticulture Science	1/2,1
01043 - 47	Agricultural Mechanics Technology	1/2,1	01043 - 47	Agricultural Mechanics Technology	1/2,1
01063	Natural/Environmental Resources	1/2,1	01063	Natural/Environmental Resources	1/2,1
01069	World Agriculture Science & Tech	1/2,1	01069	World Agriculture Science & Tech	1/2,1
01990	Individual Agriculture Studies	1/2,1	01990	Individual Agriculture Studies	1/2,1
01993	Community Development	1/2,1	01993	Community Development	1/2,1
01995	Supervised Agriculture Experience	1/4,1/2,1	01995	Supervised Agriculture Experience	1/4,1/2,1
01999	Cooperative Work Experience	1/2,1	01999	Cooperative Work Experience	1/2,1
Must complete at least 2 credits			Must complete at least 2 credits		

Agriculture Education - Natural Resources Systems

Natural Resources			Natural Resources (alt)		
Course Code	Description	No. of Cr	Course Code	Description	No. of Cr
01011	Introduction to Agriculture	1/2,1	01021	Agriscience I	1/2,1
01012	Foundations of Agriculture	1/2,1	01022	Agriscience II	1/2,1
01073	Agriculture III	1/2,1	01023	Agriscience III	1/2,1
01074	Agriculture IV	1/2,1	01025	Agriscience IV	1/2,1
01053	Botany/Horticulture Science I	1/2,1	01053	Botany/Horticulture Science I	1/2,1
01054	Botany/Horticulture Science II	1/2,1	01054	Botany/Horticulture Science II	1/2,1
01063	Natural/Environmental Resources	1/2,1	01063	Natural/Environmental Resources	1/2,1
01069	World Agriculture Science & Tech	1/2,1	01069	World Agriculture Science & Tech	1/2,1
01990	Individual Agriculture Studies	1/2,1	01990	Individual Agriculture Studies	1/2,1
01993	Community Development	1/2,1	01993	Community Development	1/2,1
01995	Supervised Agriculture Experience	1/4,1/2,1	01995	Supervised Agriculture Experience	1/4,1/2,1
01999	Cooperative Work Experience	1/2,1	01999	Cooperative Work Experience	1/2,1
Must complete at least 2 credits			Must complete at least 2 credits		

Agriculture Education - Food Products and Processing Systems

Agriculture Processing			Agriculture Processing (alt)		
Course Code	Description	No. of Cr	Course Code	Description	No. of Cr
01011	Introduction to Agriculture	1/2,1	01021	Agriscience I	1/2,1
01012	Foundations of Agriculture	1/2,1	01022	Agriscience II	1/2,1
01068	Agriculture Processing	1/2,1	01068	Agriculture Processing	1/2,1
01073	Agriculture III	1/2,1	01023	Agriscience III	1/2,1
01074	Agriculture IV	1/2,1	01025	Agriscience IV	1/2,1
01990	Individual Agriculture Studies	1/2,1	01990	Individual Agriculture Studies	1/2,1
01995	Supervised Agriculture Experience	1/4,1/2,1	01995	Supervised Agriculture Experience	1/4,1/2,1
01999	Cooperative Work Experience	1/2,1	01999	Cooperative Work Experience	1/2,1
Must complete at least 2 credits			Must complete at least 2 credits		



**Coordinated Plans of Study
 for Career and Technical Education Scholarship
 Agriculture Education - Plant Systems**

Plant Systems - Agronomy/Soils			Plant Systems - Agronomy/Soils (alt)		
Course Code	Description	No. of Cr	Course Code	Description	No. of Cr
01011	Introduction to Agriculture	1/2,1	01021	Agriscience I	1/2,1
01012	Foundations of Agriculture	1/2,1	01022	Agriscience II	1/2,1
01053	Botany/Horticulture Science I	1/2,1	01053	Botany/Horticulture Science I	1/2,1
01073	Agriculture III	1/2,1	01023	Agriscience III	1/2,1
01074	Agriculture IV	1/2,1	01025	Agriscience IV	1/2,1
01069	World Agriculture Science & Tech	1/2,1	01069	World Agriculture Science & Tech	1/2,1
01990	Individual Agriculture Studies	1/2,1	01990	Individual Agriculture Studies	1/2,1
01995	Supervised Agriculture Expeerience	1/4,1/2,1	01995	Supervised Agriculture Expeerience	1/4,1/2,1
01999	Cooperative Work Experience	1/2,1	01999	Cooperative Work Experience	1/2,1
Must complete at least 2 credits			Must complete at least 2 credits		

Agriculture Education - Plant Systems

Plant Systems - Horticulture			Plant Systems - Horticulture (alt)		
Course Code	Description	No. of Cr	Course Code	Description	No. of Cr
01011	Introduction to Agriculture	1/2,1	01021	Agriscience I	1/2,1
01012	Foundations of Agriculture	1/2,1	01022	Agriscience II	1/2,1
01053	Botany/Horticulture Science I	1/2,1	01023	Agriscience III	1/2,1
01054	Botany/Horticulture Science II	1/2,1	01025	Agriscience IV	1/2,1
01073	Agriculture III	1/2,1	01053	Botany/Horticulture Science I	1/2,1
01074	Agriculture IV	1/2,1	01054	Botany/Horticulture Science II	1/2,1
01990	Individual Agriculture Studies	1/2,1	01990	Individual Agriculture Studies	1/2,1
01995	Supervised Agriculture Expeerience	1/4,1/2,1	01995	Supervised Agriculture Expeerience	1/4,1/2,1
01999	Cooperative Work Experience	1/2,1	01999	Cooperative Work Experience	1/2,1
Must complete at least 2 credits			Must complete at least 2 credits		

Agriculture Education - Animal Systems

Animal Systems			Animal Systems (alt)		
Course Code	Description	No. of Cr	Course Code	Description	No. of Cr
01011	Introduction to Agriculture	1/2,1	01021	Agriscience I	1/2,1
01012	Foundations of Agriculture	1/2,1	01022	Agriscience II	1/2,1
01068	Agriculture Processing	1/2,1	01023	Agriscience III	1/2,1
01073	Agriculture III	1/2,1	01025	Agriscience IV	1/2,1
01074	Agriculture IV	1/2,1	01068	Agriculture Processing	1/2,1
01069	World Agriculture Science & Tech	1/2,1	01069	World Agriculture Science & Tech	1/2,1
01990	Individual Agriculture Studies	1/2,1	01990	Individual Agriculture Studies	1/2,1
01995	Supervised Agriculture Expeerience	1/4,1/2,1	01995	Supervised Agriculture Expeerience	1/4,1/2,1
01999	Cooperative Work Experience	1/2,1	01999	Cooperative Work Experience	1/2,1
Must complete at least 2 credits			Must complete at least 2 credits		



Department of Career and Technical Education
 State Capitol 15th Floor
 600 E Boulevard Ave Dept 270
 Bismarck ND 58505-0610
 (701) 328-3180 CTE@nd.gov

Coordinated Plans of Study for Career and Technical Education Scholarship **Business and Office Technology**

Business Management & Administration Cluster <i>Administrative & Information Support Pathway</i>			Business Management & Administration Cluster <i>Management Pathway</i>			Business Management & Administration Cluster <i>Business Financial Management & Accounting Pathway</i>			Finance Cluster <i>Business Finance Pathway</i>		
Course Code	Description	No. of Cr	Course Code	Description	No. of Cr	Course Code	Description	No. of Cr	Course Code	Description	No. of Cr
14024	Computer Applications	1/2 or 1	14230	Introduction to Business	1/2 or 1	14010	Accounting I	1/2	14010	Accounting I	1/2
14096	Word Processing	1/4, 1/2 or 1	14111	Entrepreneurship	1/2 or 1	14011	Accounting II	1/2	14011	Accounting II	1/2
14025	Spreadsheets	1/4 or 1/2	14024	Computer Applications	1/2 or 1	14012	Accounting III	1/2	14012	Accounting III	1/2
14026	Database	1/4 or 1/2	14096	Word Processing	1/4, 1/2 or 1	14013	Accounting IV	1/2	14013	Accounting IV	1/2
14028	Telecommunications	1/2 or 1	14025	Spreadsheets	1/4 or 1/2	14024	Computer Applications	1/2 or 1	14024	Computer Applications	1/2 or 1
14029	Electronic Presentations	1/4 or 1/2	14026	Database	1/4 or 1/2	14096	Word Processing	1/4, 1/2 or 1	14096	Word Processing	1/4, 1/2 or 1
14099	Multimedia	1/2 or 1	14028	Telecommunications	1/2 or 1	14025	Spreadsheets	1/4 or 1/2	14025	Spreadsheets	1/4 or 1/2
14022	Web Design	1/2 or 1	14050	Business Math	1/2 or 1	14050	Business Math	1/2 or 1	14050	Business Math	1/2 or 1
14050	Business Math	1/2 or 1	14060	Business Communication	1/2 or 1	14060	Business Communication	1/2 or 1	14060	Business Communication	1/2 or 1
14060	Business Communication	1/2 or 1	14029	Electronic Presentations	1/4 or 1/2	14026	Database	1/4 or 1/2	14026	Database	1/4 or 1/2
14098	Desktop Publishing	1/4, 1/2 or 1	14099	Multimedia	1/2 or 1	14028	Telecommunications	1/2 or 1	14028	Telecommunications	1/2 or 1
14079	Business Technology & Procedures	1/2 or 1	14010	Accounting I	1/2	14029	Electronic Presentations	1/4 or 1/2	14029	Electronic Presentations	1/4 or 1/2
14010	Accounting I	1/2	14011	Accounting II	1/2	14099	Multimedia	1/2 or 1	14099	Multimedia	1/2 or 1
14011	Accounting II	1/2	14012	Accounting III	1/2	14230	Introduction to Business	1/2 or 1	14230	Introduction to Business	1/2 or 1
14090	Personal & Business Law	1/2 or 1	14013	Accounting IV	1/2	14111	Entrepreneurship	1/2 or 1	14111	Entrepreneurship	1/2 or 1
14095	Financial Literacy	1/2 or 1	14090	Personal & Business Law	1/2 or 1	14090	Personal & Business Law	1/2 or 1	14090	Personal & Business Law	1/2 or 1
14230	Introduction to Business	1/2 or 1	14095	Financial Literacy	1/2 or 1	14095	Financial Literacy	1/2 or 1	14095	Financial Literacy	1/2 or 1
14999	Cooperative Work Experience	1/2 to 2	14999	Cooperative Work Experience	1/2 to 2	14999	Cooperative Work Experience	1/2 to 2	14999	Cooperative Work Experience	1/2 to 2
Must complete at least 2 credits			Must complete at least 2 credits			Must complete at least 2 credits			Must complete at least 2 credits		



Department of Career and Technical Education
 State Capitol 15th Floor
 600 E Boulevard Ave, Dept 270
 Bismarck ND 58505-0610
 (701) 328-3180 CTE@nd.gov

Coordinated Plans of Study
 for Career and Technical Education Scholarship
Family and Consumer Sciences

Individual and Family Studies			Nutrition and Foods			Textile and Design Arts			Human Services Careers		
Course Code	Description	No. of Cr	Course Code	Description	No. of Cr	Course Code	Description	No. of Cr	Course Code	Description	No. of Cr
09022	Family & Consumer Sciences I	1/4, 1/2, 1	09022	Family & Consumer Sciences I	1/4, 1/2, 1	09022	Family & Consumer Sciences I	1/4, 1/2, 1	09022	Family & Consumer Sciences I	1/4, 1/2, 1
09023	Family & Consumer Sciences II	1/2, 1	09023	Family & Consumer Sciences II	1/2, 1	09023	Family & Consumer Sciences II	1/2, 1	09023	Family & Consumer Sciences II	1/2, 1
09024	Family & Consumer Sciences III	1/2, 1	09024	Family & Consumer Sciences III	1/2, 1	09024	Family & Consumer Sciences III	1/2, 1	09024	Family & Consumer Sciences III	1/2, 1
09025	Independent Living	1/4, 1/2, 1	09025	Independent Living	1/4, 1/2, 1	09025	Independent Living	1/4, 1/2, 1	09025	Independent Living	1/4, 1/2, 1
09026	Child Development	1/4, 1/2, 1	09028	Consumer & Resource Management	1/4, 1/2, 1	09027	Clothing & Textiles I	1/2, 1	09026	Child Development	1/4, 1/2, 1
09028	Consumer & Resource Management	1/4, 1/2, 1	09129	Individual & Family Health	1/4, 1/2, 1	09028	Consumer & Resource Management	1/4, 1/2, 1	09028	Consumer & Resource Management	1/4, 1/2, 1
09129	Individual & Family Health	1/4, 1/2, 1	09131	Nutrition and Foods Prep I	1/2, 1	09029	Clothing & Textiles II	1/2, 1	09129	Individual & Family Health	1/4, 1/2, 1
09130	Parenting	1/4, 1/2, 1	09135	Nutrition and Foods Prep II	1/2, 1	09030	Fashion & Textile Trends	1/2, 1	09130	Parenting	1/4, 1/2, 1
09132	Family Living	1/4, 1/2, 1	09136	Cultures & Cuisine	1/2, 1	09037	Current Topics in Textiles & Apparel	1/2, 1	09132	Family Living	1/4, 1/2, 1
09137	Nutrition & Fitness	1/2, 1	09137	Nutrition & Fitness	1/2, 1	09133	Housing & Living Environments	1/4, 1/2, 1	09140	Individual Family & Consumer Sciences Studies	1/4, 1/2, 1
09140	Individual Family & Consumer Sciences Studies	1/4, 1/2, 1	09138	Food Science & Technology	1/2, 1	09140	Individual Family & Consumer Sciences Studies	1/4, 1/2, 1	09211	Early Childhood Care & Education Services	1, 2
			09140	Individual Family & Consumer Sciences Studies	1/4, 1/2, 1	09212	Clothing & Textile Services	1, 2	09250	Occupational Exploration	1/2, 1
			09213	Food Service/Culinary Arts	1, 2	09250	Occupational Exploration	1/2, 1	09299	Cooperative Work Experience*	1/2 to 2
			09250	Occupational Exploration	1/2, 1	09299	Cooperative Work Experience*	1/2 to 2			
			09299	Cooperative Work Experience*	1/2 to 2						
Must complete at least 2 credits			Must complete at least 2 credits			Must complete at least 2 credits			Must complete at least 2 credits		



Department of Career and Technical Education
 State Capitol 15th Floor
 600 E Boulevard Ave Dept 270
 Bismarck ND 58505-0610
 (701) 328-3180 CTE@nd.gov

Coordinated Plans of Study
 for Career and Technical Education Scholarship
Health Careers

Sign Language			Health Careers			Emergency Medical Services		
Course Code	Description	No. of Cr	Course Code	Description	No. of Cr	Course Code	Description	No. of Cr
07021	Sign Language I	1/2	07032	Nurse Assistant	1/2 or 1	07033	Health Careers I	1 or 2
07022	Sign Language II	1/2	07033	Health Careers I	1 or 2	07036	Medical Terminology	1/2 or 1
07023	Sign Language III	1/2	07034	Prevention/Care of Athletic Injuries	1/2	07045	Emergency Medical Services	1 or 2
07024	Sign Language IV	1/2	07035	Advanced Health Careers	1 or 2	07046	Advanced EMS	1 or 2
07025	Sign Language Cooperative Education	1	07036	Medical Terminology	1/2 or 1	07999	Health Education Supervised Occupational Experience	1/2 to 2
07999	Health Education Supervised Occupational Experience	1/2 to 2	07040	Medical Records	1 or 2	37080	CTE Health Careers Cluster*	1/2, 1 or 2
			07999	Health Education Supervised Occupational Experience	1/2 to 2			
			37080	CTE Health Careers Cluster*	1/2, 1 or 2			
Must complete at least 2 credits			Must complete at least 2 credits			Must complete at least 2 credits		

* not to exceed 4 credits in high school



Department of Career and Technical Education
State Capitol 15th Floor
600 E Boulevard Ave, Dept 270
Bismarck ND 58505-0610
(701) 328-3180 CTE @nd.gov

Coordinated Plans of Study
for Career and Technical Education Scholarship

High Schools of Business
Business and Office Education or Marketing Education

High Schools of Business		
Course Code	Description	No. of Cr
04311	HSB - Leadership for Business	1/2
04312	HSB -Wealth Management	1/2
04313	HSB - Principles of Business	1/2
04314	HSB - Business Economics	1/2
04315	HSB - Principles of Marketing	1/2
04316	HSB - Principles of Finance	1/2
04317	HSB - Principles of Management	1/2
04318	HSB - Business Strategies	1/2

Must Complete at Least 2 Credits



Department of Career and Technical Education
 State Capitol 15th Floor
 600 E Boulevard Ave Dept 270
 Bismarck ND 58505-0610
 (701) 328-3180 CTE@nd.gov

Coordinated Plans of Study for Career and Technical Education Scholarship **Information Technology**

Network Systems			Information Support & Services			Interactive Media			Programming & Software Development		
Course Code	Description	No. of Cr	Course Code	Description	No. of Cr	Course Code	Description	No. of Cr	Course Code	Description	No. of Cr
27101	Intro to IT	1/4, 1/2, 1	27101	Intro to IT	1/4, 1/2, 1	27101	Intro to IT	1/4, 1/2, 1	27101	Intro to IT	1/4, 1/2, 1
27219	Computer Hardware & Operating Systems (A+)	1/2, 1, 2	27219	Computer Hardware & Operating Systems (A+)	1/2, 1, 2	27102	Computer Software Application	1/2	27122	Programming Essentials - Visual Basics	1/2 or 1
27266	Cisco Discovery 1	1/2 or 1	27220	IT Essentials 2	1/2 or 1	27170	Introduction to Web Design	1/2 or 1	27125	Fundations of JAVA Programming	1/2 or 1
27267	Cisco Discovery 2	1/2 or 1	27300	Windows XP Professional	1/2 or 1	27180	CIW Foundations	1/2 or 1	27127	Advanced JAVA Programming	1/2 or 1
27268	Cisco Discovery 3	1/2 or 1	27310	Windows 2003 Server	1/2 or 1	27185	CIW Site Design	1/2 or 1	27170	Introduction to Web Design	1/2 or 1
27269	Cisco Discovery 4	1/2 or 1	27400	Geopgraphic Info Systems (GIS)	1/2 or 1	27400	Geopgraphic Info Systems (GIS)	1/2 or 1	27180	CIW Foundations	1/2 or 1
27999	Cooperative Work Experience	1/2 to 2	27999	Cooperative Work Experience	1/2 to 2	27999	Cooperative Work Experience	1/2 to 2	27185	CIW Site Design	1/2 or 1
									27500	Data Modeling & SQL	1/2 or 1
									27999	Cooperative Work Experience	1/2 to 2
Must complete at least 2 credits			Must complete at least 2 credits			Must Complete at least 2 credits			Must complete at least 2 credits		



Department of Career and Technical Education
 State Capitol 15th Floor
 600 E Boulevard Ave, Dept 270
 Bismarck ND 58505-0610
 (701) 328-3180 CTE @nd.gov

Coordinated Plans of Study
 for Career and Technical Education Scholarship
Marketing Education

Marketing Management			Marketing Entrepreneurship			Sports/Entertainment Marketing		
Course Code	Description	No. of Cr	Course Code	Description	No. of Cr	Course Code	Description	No. of Cr
04080	Principles of Marketing	1/2 or 1	04080	Principles of Marketing	1/2 or 1	04080	Principles of Marketing	1/2 or 1
04081	Principles of Finance	1/2	04081	Principles of Finance	1/2	04210	Marketing I	1/2
04210	Marketing I	1/2	04110	Principles of Entrepreneurship	1/2 or 1	04215	Marketing II	1/2
04215	Marketing II	1/2	04111	Entrepreneurship	1/2 or 1	04223	Marketing III	1/2
04223	Marketing III	1/2	04210	Marketing I	1/2	04233	Marketing IV	1/2
04233	Marketing IV	1/2	04215	Marketing II	1/2	04239	Principles of Sports & Entertainment Marketing	1/2
04290	School Based Enterprise	½, 1 or 2	04290	School Based Enterprise	½, 1 or 2	04240	Sports & Entertainment Marketing	1/2 or 1
04310	International Marketing	1/2	04310	International Marketing	1/2	04290	School Based Enterprise	½, 1 or 2
04999	Cooperative Work Experience	1/2 or 1	04999	Cooperative Work Experience	1/2 or 1	04999	Cooperative Work Experience	1/2 or 1
Must complete at least 2 credits			Must complete at least 2 credits			Must complete at least 2 credits		



Department of Career and Technical Education
 State Capitol 15th Floor
 600 E Boulevard Ave, Dept 270
 Bismarck ND 58505-0610
 (701) 328-3180 CTE @nd.gov

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		



Coordinated Plans of Study
 for Career and Technical Education Scholarship

Trade, Industry, & Technical Education

Automotive Collision			Automotive Technician			Automotive General Service Technician		
Course Code	Description	No. of Cr	Course Code	Description	No. of Cr	Course Code	Description	No. of Cr
17030	Auto Collision Tech I	1 or 2	17032	Auto Tech I	1 or 2	17038	Auto General Service Tech I	1 or 2
17031	Auto Collision Tech II	2	17037	Auto Tech II	2	17039	Auto General Service Tech II	2
17035	Parts and Merchandising Management	2	17035	Parts and Merchandising Management	2	17035	Parts and Merchandising Management	2
17999	Cooperative Work Experience	1/2 to 2	17040	Diesel Tech	2	17040	Diesel Tech	2
37170	Transportation, Distribution & Logistics Cluster*	1/2, 1 or 2	17999	Cooperative Work Experience	1/2 to 2	17999	Cooperative Work Experience	1/2 to 2
			37170	Transportation, Distribution & Logistics Cluster*	1/2, 1 or 2	37170	Transportation, Distribution & Logistics Cluster*	1/2, 1 or 2
Must complete at least 2 credits			Must complete at least 2 credits			Must complete at least 2 credits		

Culinary Arts			Commercial Art			Graphic Communications		
Course Code	Description	No. of Cr	Course Code	Description	No. of Cr	Course Code	Description	No. of Cr
17050	Culinary Arts I	1 or 2	17072	Commercial Art I	1 or 2	17190	Graphic Communications I	1 or 2
17051	Culinary Arts II	2	17073	Commercial Art II	2.00	17191	Graphic Communications II	2
17999	Cooperative Work Experience	1/2 to 2	17080	Photography	1 or 2	17140	Television Production	1 or 2
			17999	Cooperative Work Experience	1/2 to 2	17999	Cooperative Work Experience	1/2 to 2
			37030	Arts, A/V Technology and Communications Cluster*	1/2, 1 or 2	37030	Arts, A/V Technology and Communications Cluster*	1/2, 1 or 2
Must complete at least 2 credits			Must complete at least 2 credits			Must complete at least 2 credits		

* not to exceed 4 credits in high school



Coordinated Plans of Study
 for Career and Technical Education Scholarship
Trade, Industry, & Technical Education

Construction Technology			Facilities Maintenance			Drafting		
Course Code	Description	No. of Cr	Course Code	Description	No. of Cr	Course Code	Description	No. of Cr
17100	Construction Technology I	1 or 2	17110	Facilities Maintenance I	1 or 2	17130	Drafting Technology I	1 or 2
17101	Virtual Center Construction Technology Summer Academy	1/2	17118	Facilities Maintenance II	2	17131	Drafting Technology II	2
17117	Construction Technology II	2	17120	Residential Plumbing	2	17999	Cooperative Work Experience	1/2 to 2
17120	Residential Plumbing	2	17115	Sheet Metal Technology	2	37020	Architecture & Construction Cluster*	1/2, 1 or 2
17112	HVAC	2	17112	HVAC	2			
17125	Electrical Technology	2	17999	Cooperative Work Experience	1/2 to 2			
17999	Cooperative Work Experience	1/2 to 2	37020	Architecture & Construction Cluster*	1/2, 1 or 2			
37020	Architecture & Construction Cluster*	1/2, 1 or 2						
Must complete at least 2 credits			Must complete at least 2 credits			Must complete at least 2 credits		

* not to exceed 4 credits in high school



Coordinated Plans of Study
 for Career and Technical Education Scholarship

Trade, Industry, & Technical Education

Welding			Machining			Electronics		
Course Code	Description	No. of Cr	Course Code	Description	No. of Cr	Course Code	Description	No. of Cr
17236	Welding Technology I	1 or 2	17230	Machine Tooling Technology	1 or 2	17150	Electronics Technology I	1 or 2
17237	Welding Technology II	2	17113	Automated Manufacturing	1 or 2	17151	Electronics Technology II	1 or 2
17238	Virtual Center Welding Technology Summer Academy	1/2	17999	Cooperative Work Experience	1/2 to 2	17152	Electronics Technology III	1 or 2
17230	Machine Tooling Technology	1 or 2	37140	Manufacturing Cluster*	1/2, 1 or 2	17999	Cooperative Work Experience	1/2 to 2
17113	Automated Manufacturing	1 or 2				37140	Manufacturing Cluster*	1/2, 1 or 2
17999	Cooperative Work Experience	1/2 to 2						
37140	Manufacturing Cluster*	1/2, 1 or 2						
Must complete at least 2 credits			Must complete at least 2 credits			Must complete at least 2 credits		

Recreational Small Engines			Aviation					
Course Code	Description	No. of Cr	Course Code	Description	No. of Cr	Course Code	Description	No. of Cr
17310	Recreational Small Engine Technology I	1 or 2	17812	Aviation Technology I	1 or 2			
17311	Recreational Small Engine Technology II	2	17813	Aviation Technology II	1 or 2			
17999	Cooperative Work Experience	1/2 to 2	17999	Cooperative Work Experience	1/2 to 2			
37170	Transportation, Distribution & Logistics Cluster*	1/2, 1 or 2						
Must complete at least 2 credits			Must complete at least 2 credits			Must complete at least 2 credits		

* not to exceed 4 credits in high school