



# Education & Training Career Cluster

Pathway	OCCUPATIONS RELATING TO THIS CAREER CLUSTER
<b>Administration &amp; Administration Support</b>	Superintendent • Principal • Instructional Media Designer • Educational Researcher • Test Measurement Specialist • Curriculum and Instruction Specialist
<b>Professional Support Services</b>	School or Career Development Counselor • Psychologist (Clinical, Developmental, Social) • Speech Language Pathologist/Audiologist • Social Worker
<b>Teaching/Training</b>	Elementary & Secondary Teachers • University Professor • Special Education Teacher • Preschool/Early Childhood Teacher • Child Care Director • Aide/Paraprofessional

HIGH SCHOOL COURSE REQUIREMENTS				
English	Math	Science	Social Studies	Physical Education
Four units required to graduate; including literature, composition, and speech.	Three units required to graduate	Three units required to graduate.	Three units required to graduate.	One unit required to graduate.
<b>Choices may include:</b>	<b>Choices may include:</b>	<b>Required Units:</b>	<b>Required Units:</b>	<b>Required Units:</b>
<input type="checkbox"/> English 9      05071	<input type="checkbox"/> Algebra I      11031	<input type="checkbox"/> Physical Science      13030	<input type="checkbox"/> U.S. History      15085	<input type="checkbox"/> Physical Education 1 unit      08030
<input type="checkbox"/> English 10      05072	<input type="checkbox"/> Geometry      11120	<input type="checkbox"/> Biology      13020	<input type="checkbox"/> American Government ½ unit <b>AND</b> 15111	<b>OR</b>
<input type="checkbox"/> English 11      05073	<input type="checkbox"/> Advanced Algebra      11032	<input type="checkbox"/> One additional unit of Science	<input type="checkbox"/> Economics ½ unit      15060	<input type="checkbox"/> Physical Education ½ unit <b>AND</b> 08030
<input type="checkbox"/> English 12      05074		<b>OR</b>	<b>OR</b>	<input type="checkbox"/> Health ½ unit      18010
		<input type="checkbox"/> Biology      13020	<input type="checkbox"/> Problems of Democracy 1 unit      15201	
		<input type="checkbox"/> Chemistry      13031		
		<input type="checkbox"/> Physics      13042	<b>Additional units may include:</b>	
			<input type="checkbox"/> Civics	
			<input type="checkbox"/> Geography	
			<input type="checkbox"/> Psychology	
			<input type="checkbox"/> World History	

Career and Technical Education Electives	Extended Learning Opportunities
Three units of foreign or Native American language, fine arts, or career and technical education are required to graduate.	
<b>Business Education</b>	<b>Health Science Education</b>
<input type="checkbox"/> Word Processing      14096	<input type="checkbox"/> Prevention/Care of Athletic Injuries      07034
<input type="checkbox"/> Financial Literacy      14095	<input type="checkbox"/> Emergency Medical Services      07045
<input type="checkbox"/> Communication Technologies      14028	<input type="checkbox"/> Sign Language I      07021
	<input type="checkbox"/> Sign Language II      07022
<b>Family Consumer Sciences Education</b>	<input type="checkbox"/> Sign Language III      07023
<input type="checkbox"/> Child Development      09026	<input type="checkbox"/> Sign Language IV      07024
<input type="checkbox"/> Individual and Family Health      09129	
<input type="checkbox"/> Parenting      09130	<b>Information Technology Education</b>
<input type="checkbox"/> Nutrition and Foods Preparation I      09131	<input type="checkbox"/> Intro to Information Technology      27101
<input type="checkbox"/> Family Living      09132	
<input type="checkbox"/> Consumer & Resource Management      09028	<b>Technology &amp; Engineering Education</b>
<input type="checkbox"/> Early Childhood Care & Education Services      09211	<input type="checkbox"/> Foundations of Technology      10094
	<input type="checkbox"/> Technology & Society      10096
<b>School-Based:</b>	<b>Community Based:</b>
<input type="checkbox"/> FBLA	<input type="checkbox"/> Mentorship
<input type="checkbox"/> FCCLA	<input type="checkbox"/> Volunteer
<input type="checkbox"/> FFA	<input type="checkbox"/> Part-time Employment
<input type="checkbox"/> DECA	<input type="checkbox"/> Service Learning Project
<input type="checkbox"/> SkillsUSA	<input type="checkbox"/> Job Shadow
<input type="checkbox"/> TSA	<input type="checkbox"/> Internship
<input type="checkbox"/> Career Research	
<input type="checkbox"/> Cooperative Work Experience	

**North Dakota Education & Training Related Postsecondary Programs**

Pathway	Certificate or Associate's Degree	Bachelor's Degree	Master's Degree or More
<b>Administration &amp; Administration Support</b>			<input type="checkbox"/> Educational Leadership (NDSU, UND)
<b>Professional Support Services</b>	<input type="checkbox"/> American Sign Language Studies (LRSC) <input type="checkbox"/> Child Development Associate (DCB, NHSC) <input type="checkbox"/> Communication Disorders transfer (WSC) <input type="checkbox"/> Paraprofessional Educator (DCB) <input type="checkbox"/> Speech Language Pathology (LRSC, WSC)	<input type="checkbox"/> Communication Sciences & Disorders (MiSU, UND) <input type="checkbox"/> Communication (DSU) <input type="checkbox"/> Interpreting & Sign Language Studies (MiSU)	<input type="checkbox"/> Communication Sciences and Disorders (UND) <input type="checkbox"/> Counseling (NDSU) <input type="checkbox"/> Counseling Psychology and Community Services (UND) <input type="checkbox"/> Counseling with K-12 School Emphasis (UND) <input type="checkbox"/> Library and Information Technologies (VCSU) <input type="checkbox"/> School Psychology (MiSU)
<b>Teaching/Training</b>	<input type="checkbox"/> Business Education transfer (BSC, DCB) <input type="checkbox"/> Early Childhood Education transfer (BSC, CCCC, DCB, LRSC, MaSU, NDSCS, NHSC, RC, SBC) <input type="checkbox"/> Education transfer (NDSCS, SBC) <input type="checkbox"/> Elementary Education transfer (BSC, CCCC, DCB, NHSC, UTTC) <input type="checkbox"/> Health, Physical Education and Recreation (CCCC, NDSCS, UTTC) <input type="checkbox"/> Lakhotiyapi/Dakhotiyapi I/II (SBC) <input type="checkbox"/> Middle School Education transfer (WSC) <input type="checkbox"/> Physical Education transfer (BSC, DCB) <input type="checkbox"/> Secondary Education transfer (BSC, DCB, WSC) <input type="checkbox"/> Special Education transfer (DCB, WSC)	<input type="checkbox"/> Agriculture Education (NDSU) <input type="checkbox"/> Art Education (DSU, MiSU, NDSU, VCSU) <input type="checkbox"/> Biological Science Educ. (DSU, MaSU, MiSU, NDSU, UJ, UM, VCSU) <input type="checkbox"/> Business Education (DSU, MiSU, UM, VCSU) <input type="checkbox"/> Career and Technical Education (VCSU) <input type="checkbox"/> Chemistry Education (DSU, MaSU, MiSU, NDSU, UJ, VCSU) <input type="checkbox"/> Comprehensive Science Education (NDSU) <input type="checkbox"/> Early Childhood Educ. (MaSU, MiSU, RC, SBC, UM, UND) <input type="checkbox"/> Earth Science Education (MiSU, NDSU) <input type="checkbox"/> Elementary Education (DSU, MaSU, MiSU, NHSC, SBC, TBC, UTTC, UJ, UM, UND, VCSU) <input type="checkbox"/> English Education (DSU, MaSU, MiSU, NDSU, UM, VCSU) <input type="checkbox"/> Family & Consumer Sciences Education (NDSU) <input type="checkbox"/> French Education (NDSU) <input type="checkbox"/> German Education (MiSU) <input type="checkbox"/> Health Education (MaSU, NDSU, VCSU) <input type="checkbox"/> History Education (DSU, MiSU, NDSU, UJ, UM, VCSU) <input type="checkbox"/> Intellectual Developmental Disabilities (MiSU) <input type="checkbox"/> Math Education (MaSU, MiSU, NDSU, UJ, UM, UND, VCSU) <input type="checkbox"/> Music Education (DSU, MiSU, UM, UND, VCSU) <input type="checkbox"/> Physical Educ. (DSU, MaSU, MiSU, NDSU, TBC, UJ, UM, VCSU) <input type="checkbox"/> Physics Education (NDSU) <input type="checkbox"/> Science Education (SBC, UND) <input type="checkbox"/> Social Science Educ. (DSU, MaSU, MiSU, NDSU, UM, UND, VCSU) <input type="checkbox"/> Spanish Education (MiSU, NDSU) <input type="checkbox"/> Special Education (MaSU, MiSU, UM) <input type="checkbox"/> Teacher Education (TMCC) <input type="checkbox"/> Technology Education (DSU, VCSU) <input type="checkbox"/> Theatre Arts Education (MiSU)	<input type="checkbox"/> Agriculture Education (NDSU) <input type="checkbox"/> Curriculum and Instruction (SBC, UM, UND) <input type="checkbox"/> Early Childhood Education (UND) <input type="checkbox"/> Education (MiSU, NDSU, UJ, UM, UND, VCSU) <input type="checkbox"/> Educational Foundations and Research (UND) <input type="checkbox"/> Education Leadership (NDSU, UND) <input type="checkbox"/> Elementary Education/Administration (UM, UND) <input type="checkbox"/> English Language Learner (ELL) Education (UND) <input type="checkbox"/> Family & Consumer Sciences Education (NDSU) <input type="checkbox"/> Higher Education (UND) <input type="checkbox"/> Instructional Design and Technology (UND) <input type="checkbox"/> Linguistics (UND) <input type="checkbox"/> Music Education (MiSU, UND) <input type="checkbox"/> Reading Education (UND) <input type="checkbox"/> Special Education (MiSU, UND) <input type="checkbox"/> Speech-Language Pathology (MiSU) <input type="checkbox"/> Teaching (MaSU, VCSU) <input type="checkbox"/> Teaching and Learning (UND)

**North Dakota Postsecondary Institutions Offering Education & Training Related Programs**

<b>BSC</b> Bismarck State College <a href="http://www.bismarckstate.edu">www.bismarckstate.edu</a>	<b>RC</b> Rasmussen College <a href="http://www.rasmussen.edu">www.rasmussen.edu</a>
<b>CCCC</b> Cankdeska Cikana Community College <a href="http://www.littlehoop.edu">www.littlehoop.edu</a>	<b>SBC</b> Sitting Bull College <a href="http://www.sittingbull.edu">www.sittingbull.edu</a>
<b>DCB</b> Dakota College at Bottineau <a href="http://www.dakotacollege.edu">www.dakotacollege.edu</a>	<b>TBC</b> Trinity Bible College <a href="http://www.trinitybiblecollege.edu">www.trinitybiblecollege.edu</a>
<b>DSU</b> Dickinson State University <a href="http://www.dickinsonstate.edu">www.dickinsonstate.edu</a>	<b>TMCC</b> Turtle Mountain Community College <a href="http://www.tm.edu">www.tm.edu</a>
<b>LRSC</b> Lake Region State College <a href="http://www.lrsc.edu">www.lrsc.edu</a>	<b>UTTC</b> United Tribes Technical College <a href="http://www.uttc.edu">www.uttc.edu</a>
<b>MaSU</b> Mayville State University <a href="http://www.mayvillestate.edu">www.mayvillestate.edu</a>	<b>UJ</b> University of Jamestown <a href="http://www.uj.edu">www.uj.edu</a>
<b>MiSU</b> Minot State University <a href="http://www.minotstate.edu">www.minotstate.edu</a>	<b>UM</b> University of Mary <a href="http://www.umary.edu">www.umary.edu</a>
<b>NDSCS</b> ND State College of Science <a href="http://www.ndscs.edu">www.ndscs.edu</a>	<b>UND</b> University of North Dakota <a href="http://www.und.edu">www.und.edu</a>
<b>NDSU</b> ND State University <a href="http://www.ndsu.edu">www.ndsu.edu</a>	<b>VCSU</b> Valley City State University <a href="http://www.vcsu.edu">www.vcsu.edu</a>
<b>NHSC</b> Nueta Hidatsa Sahnish College <a href="http://nhsc.edu">http://nhsc.edu</a>	<b>WSC</b> Williston State College <a href="http://www.willistonstate.edu">www.willistonstate.edu</a>