



Arts, A/V Technology & Communications Career Cluster

Pathway	OCCUPATIONS RELATING TO THIS CAREER CLUSTER
Audio and Video Technology and Film	Audio Systems Technician • Audio-Video Designer and Engineer • Technical Computer Support • Videographer • Special Effects and Animation Designer Technician
Journalism and Broadcasting	Control Room Technician • Design Director • Broadcast Technician • Editor • Producer • Station Manager • Audio-Video Operator
Performing Arts	Actor/Actress • Lighting Designer • Scenic Designer • Musician • Composer • Makeup Artist • Playwright • Digital, Video and State Production Manager
Printing Technology	Desktop Publishing Specialist • Computer Typography • Pre-production Technician • Plate Maker • Graphics Equipment Operator • Web Page Designer • Lithographer
Telecommunications	Network Designer • Telecommunications Technician • Telecommunication Equipment: Cable, Line Repair and Installation • Computer Programmer and Systems Analyst
Visual Arts	Fashion Designer • Commercial Artist • Commercial Photographer: Digital, Still, Video, Film • Illustrator • Textile Designer • Interior Designer • Computer Animator

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.
Choices may include:	Choices may include:	Required Units:	Required Units:	Required Units:
<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 AND 15111	OR
<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 AND 08030
<input type="checkbox"/> English 12 05074		OR	OR	<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	Additional units may include:	
			<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.			
Business Education	Technology & Engineering Education	School-Based:	Community Based:
<input type="checkbox"/> Multimedia 14099	<input type="checkbox"/> Technological Design 10410	<input type="checkbox"/> DECA	<input type="checkbox"/> Mentorship
<input type="checkbox"/> Multimedia II 14100	<input type="checkbox"/> Invention & Innovation 10510	<input type="checkbox"/> FBLA	<input type="checkbox"/> Volunteer
<input type="checkbox"/> Communication Technologies 14028	<input type="checkbox"/> Design/Drafting 10259	<input type="checkbox"/> FCCLA	<input type="checkbox"/> Part-time Employment
<input type="checkbox"/> Web Design 14022	<input type="checkbox"/> 3D Modeling & Design 10260	<input type="checkbox"/> FFA	<input type="checkbox"/> Service-Learning Project
<input type="checkbox"/> Desktop Publishing 14098		<input type="checkbox"/> SkillsUSA	<input type="checkbox"/> Job Shadow
		<input type="checkbox"/> TSA	<input type="checkbox"/> Internship
Family and Consumer Sciences Education	Trade, Industry, and Technical Education		
<input type="checkbox"/> Fashion & Textile Trends 09030	<input type="checkbox"/> Commercial Art I 17072	<input type="checkbox"/> Career Research	
<input type="checkbox"/> Housing & Living Environments 09133	<input type="checkbox"/> Commercial Art II 17073	<input type="checkbox"/> Cooperative Work Experience	
	<input type="checkbox"/> Photography 17080		
	<input type="checkbox"/> Graphic Communications I 17190		
	<input type="checkbox"/> Graphic Communications II 17191		
	<input type="checkbox"/> Audio/Visual Production 17140		
	<input type="checkbox"/> Arts, A/V Technology & Communications 37030		
Information Technology Education			
<input type="checkbox"/> Introduction to Web Design 27170			
<input type="checkbox"/> Intro to Networking 27265			
Marketing Education			
<input type="checkbox"/> Social Media Marketing 04235			

North Dakota Arts, A/V Technology & Communications Related Postsecondary Programs

Pathway	Certificate or Associate's Degree	Bachelor's Degree	Master's Degree or More
Audio and Video Technology and Film	<input type="checkbox"/> Digital Audio Production (BSC)	<input type="checkbox"/> Multimedia Studies (MiSU)	<input type="checkbox"/> Library/Information Technology (VCSU)
Journalism and Broadcasting	<input type="checkbox"/> English Transfer (BSC, DCB) <input type="checkbox"/> Mass Communications (BSC) <input type="checkbox"/> Speech Communication Transfer (BSC)	<input type="checkbox"/> Broadcasting and Professional Communication (MiSU) <input type="checkbox"/> Communication (DSU, MaSU, UJ, UM, UND, VCSU) <input type="checkbox"/> English (DSU, MaSU, MiSU, NDSU, UJ, UM, UND, VCSU) <input type="checkbox"/> English Education (DSU, MaSU, MiSU, NDSU, UJ, UM, VCSU) <input type="checkbox"/> Journalism (NDSU)	<input type="checkbox"/> Communication (NDSU, UND) <input type="checkbox"/> English (NDSU, UND)
Performing Arts	<input type="checkbox"/> Music Transfer (BSC, NDSCS) <input type="checkbox"/> Theatre Arts Transfer (BSC)	<input type="checkbox"/> Music (DSU, MiSU, NDSU, UJ, UM, UND, VCSU) <input type="checkbox"/> Music Education (DSU, MiSU, UJ, UM, UND, VCSU) <input type="checkbox"/> Music Performance (UM, UND) <input type="checkbox"/> Musical Theatre (UND) <input type="checkbox"/> Theatre Arts (DSU, NDSU, UJ, UND)	<input type="checkbox"/> Music (NDSU, UM, UND)
Printing Technology			
Telecommunications	<input type="checkbox"/> Electronics Technology (BSC) <input type="checkbox"/> Electronics/Telecommunications Technology (BSC) <input type="checkbox"/> Web Design (DCB, NDSCS, RC, TMCC) <input type="checkbox"/> Web Developer/Webmaster (DCB, DSU, NDSCS) <input type="checkbox"/> Web Page Development and Design (BSC)	<input type="checkbox"/> Communication (DSU, MaSU, UJ, UM, UND, VCSU)	<input type="checkbox"/> Communication (NDSU, UND)
Visual Arts	<input type="checkbox"/> Art Transfer (BSC, DCB) <input type="checkbox"/> Fine Art (CCCC) <input type="checkbox"/> Graphic Design (UTTC) <input type="checkbox"/> Graphic Design-Animation & Motion Graphics (RC) <input type="checkbox"/> Graphic Design-Web & Interactive Design (RC) <input type="checkbox"/> Graphic Design & Communications (BSC) <input type="checkbox"/> Photography (DCB)	<input type="checkbox"/> Apparel, Retail Merchandising, and Design (NDSU) <input type="checkbox"/> Art (DSU, MiSU, NDSU, UJ, VCSU) <input type="checkbox"/> Art Education (DSU, MiSU, NDSU, VCSU) <input type="checkbox"/> Art Entrepreneurship (DSU) <input type="checkbox"/> Arts Administration (MiSU) <input type="checkbox"/> Fine Arts (MiSU, UJ) <input type="checkbox"/> Graphic Design (UND) <input type="checkbox"/> Graphic Design-Animation & Motion Graphics (RC) <input type="checkbox"/> Graphic Design-Web & Interactive Design (RC) <input type="checkbox"/> Graphic Design for E-Commerce (UJ) <input type="checkbox"/> Interior Design (NDSU) <input type="checkbox"/> Visual Arts (UND)	<input type="checkbox"/> Visual Arts (UND)

North Dakota Postsecondary Institutions Offering Arts, A/V Technology & Communications Related Programs

BSC Bismarck State College www.bismarckstate.edu	RC Rasmussen College www.rasmussen.edu
CCCC Cankdeska Cikana Community College www.littlehoop.edu	TMCC Turtle Mountain Community College www.tm.edu
DCB Dakota College at Bottineau www.dakotacollege.edu	UJ University of Jamestown www.uj.edu
DSU Dickinson State University www.dickinsonstate.edu	UTTC United Tribes Technical College www.uttc.edu
MaSU Mayville State University www.mayvillestate.edu	UM University of Mary www.umary.edu
MiSU Minot State University www.minotstate.edu	UND University of North Dakota www.und.edu
NDSCS ND State College of Science www.ndscs.edu	VCSU Valley City State University www.vcsu.edu
NDSU ND State University www.ndsu.edu	WSC Williston State College www.willistonstate.edu