



Arts, A/V Technology & Communications Career Cluster

PLAN OF STUDY

<http://pages.minot.k12.nd.us/votech/cte.htm>

<https://careertech.org/>

Name _____

School _____

Date _____



SAMPLE OCCUPATIONS RELATING TO THIS CAREER CLUSTER	
Pathway	Occupations
AUDIO AND VIDEO TECHNOLOGY AND FILM	Audio Technician • Video Technician • Lighting Technician • Electrical Engineer • Mechanical Engineer • Project Manager
JOURNALISM AND BROADCASTING	Chief Engineer • Transmission Engineer • Broadcast Field Supervisor • Camera Operator • News Analyst • Reporter
PERFORMING ARTS	Actor/Actress • Lighting Designer • Set Designer • Musician • Conductor • Dance Instructor • Voice Instructor • Playwright • Scriptwriter
PRINTING TECHNOLOGY	Desktop Publishing Specialist • Job Printer • Platemaker • Press Operator
TELECOMMUNICATIONS	Central Office Installer • Network Technician • Telecommunications Specialist
VISUAL ARTS	Painter • Sculptor • Fashion Designer • Cartoonist • Graphic Designer • Photographer • Art Director • Art Teacher • Curator • Interior Designer

MINOT HIGH SCHOOL - SUGGESTED COURSE OF HIGH SCHOOL STUDY						
It is suggested that students consider appropriate dual credit, articulation, or advanced placement opportunities for postsecondary credit.						
Language Arts (four credits required to graduate)	Math (three credits required to graduate)	Science (three credits required to graduate)	Social Studies (three credits required to graduate)	Physical Education (two credits required to graduate)	Minot Public Schools Career & Technical Education and Other Electives (a total of three credits must be earned in foreign language, fine arts, or career and technical education – required to graduate)	Additional Suggested Learning Opportunities
<input type="checkbox"/> Grade 9 Lang Arts* <input type="checkbox"/> Grade 10 Lang Arts* <input type="checkbox"/> Grade 11 Lang Arts* <input type="checkbox"/> Speech or Debate* <input type="checkbox"/> Read Improvement <input type="checkbox"/> Basic Writing <input type="checkbox"/> Creative Writing <input type="checkbox"/> Humanities <input type="checkbox"/> Media Literacy <input type="checkbox"/> AP English 11 & 12 <input type="checkbox"/> College Composition (D) <input type="checkbox"/> Journalism-Newspaper <input type="checkbox"/> Theatre Arts <input type="checkbox"/> College Speech (D)	<input type="checkbox"/> Intro to Algebra <input type="checkbox"/> Consumer Math I & II <input type="checkbox"/> Algebra* <input type="checkbox"/> Geometry <input type="checkbox"/> Advanced Algebra <input type="checkbox"/> Advanced Math <input type="checkbox"/> Pre-Calculus (D) <input type="checkbox"/> AP Calculus Prep <input type="checkbox"/> AP Calculus <input type="checkbox"/> College Algebra (D) <input type="checkbox"/> Probability & Statistics (D)	<input type="checkbox"/> Physical Science* <input type="checkbox"/> Biology* <input type="checkbox"/> Advanced Biology <input type="checkbox"/> Physics <input type="checkbox"/> Advanced Physics <input type="checkbox"/> Chemistry <input type="checkbox"/> AP Chemistry Prep <input type="checkbox"/> AP Chemistry	<input type="checkbox"/> World History* <input type="checkbox"/> U.S. History* <input type="checkbox"/> American Government* <input type="checkbox"/> Economics* <input type="checkbox"/> Sociology <input type="checkbox"/> Psychology <input type="checkbox"/> North Dakota NOW	<input type="checkbox"/> Physical Education <input type="checkbox"/> Health *Required Courses (D) – Dual Credit 22 Credits are Required to graduate from Minot High School	<input type="checkbox"/> Band/Choir <input type="checkbox"/> Art I <input type="checkbox"/> Art II <input type="checkbox"/> Exploratory Drawing & Painting <input type="checkbox"/> Ceramics <input type="checkbox"/> Sculpture <input type="checkbox"/> Design & Color <input type="checkbox"/> Graphic Design <input type="checkbox"/> Art History Studies Abroad <input type="checkbox"/> Photography I <input type="checkbox"/> Photography II <input type="checkbox"/> Photography III <input type="checkbox"/> Communication & Entertainment Engineering <input type="checkbox"/> Web Page Design	School-Based: <input type="checkbox"/> FBLA <input type="checkbox"/> Skills USA <input type="checkbox"/> Student Government <input type="checkbox"/> Research Paper <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship Community-Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment
For a complete listing of course offerings/electives at Minot High School, go to our Registration Guide at: http://pages.minot.k12.nd.us/votech/File/image/RegGuide.pdf						

NORTH DAKOTA POSTSECONDARY PROGRAMS RELATED TO THIS CAREER CLUSTER			
Pathway	Associate Degree or Less	Bachelors Degree	Masters Degree or More
AUDIO AND VIDEO TECHNOLOGY AND FILM		<input type="checkbox"/> Broadcasting (MiSU, NDSU) <input type="checkbox"/> Electrical Engineering (NDSU, UND)	<input type="checkbox"/> Electrical Engineering (NDSU, UND)
JOURNALISM AND BROADCASTING	<input type="checkbox"/> Communications, General/Mass (BSC, WSC)	<input type="checkbox"/> Communications, General/Mass (DSU, JC, MiSU, NDSU, UND, VCSU) <input type="checkbox"/> Journalism (NDSU) <input type="checkbox"/> Broadcasting (MiSU, NDSU)	<input type="checkbox"/> Communications (UND) <input type="checkbox"/> Editor (UM)
PERFORMING ARTS		<input type="checkbox"/> Music (DSU, JC, MiSU, NDSU, UM, UND, VCSU) <input type="checkbox"/> Music Management (VCSU) <input type="checkbox"/> Theatre Arts (DSU, JC, MiSU, NDSU, UND)	<input type="checkbox"/> Music (NDSU, UND) <input type="checkbox"/> Theatre Arts (NDSU, UND)
PRINTING TECHNOLOGY	<input type="checkbox"/> Art Visual (BSC) <input type="checkbox"/> Desktop and Web Publishing (MiSU)		
TELECOMMUNICATIONS	<input type="checkbox"/> Operating System Technician (DCB) <input type="checkbox"/> Information Processing (BSC, FBCC, LRSC, MiSU, SBC, TMCC, UM, WSC) <input type="checkbox"/> Information Systems (BJCC)		
VISUAL ARTS	<input type="checkbox"/> Art (MaSU, DCB) <input type="checkbox"/> Desktop and Web Publishing (MiSU)	<input type="checkbox"/> Art (DSU, JC, MiSU, NDSU, UND, VCSU) <input type="checkbox"/> Art Entrepreneurship (DSU)	<input type="checkbox"/> Art & Design Visual Arts (UND)

		<input type="checkbox"/> Graphic Design Technology (UND)	
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BJCC – Burdick Job Corps Center, BSC – Bismarck State College, DCB – Dakota College Bottineau, DSU – Dickinson State University, FBCC – Fort Berthold Community College, JC – Jamestown College, LRSC – Lake Region State College, MiSU – Minot State University, NDSU – North Dakota State University, SBC – Sitting Bull College, TMCC – Turtle Mountain Community College, UM – University of Mary, UND – University of North Dakota, VCSU – Valley City State University, WSC – Williston State College.

May 2017