



# Arts, A/V Technology & Communications Career Cluster

## PLAN OF STUDY

<http://www.nd.gov/cte/services/career-clusters/>

<http://www.careerclusters.org>

Name \_\_\_\_\_

School \_\_\_\_\_

Date \_\_\_\_\_



(7/10/2010 CTE Revision)

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 • Sound Engineering Technician
JOURNALISM AND BROADCASTING	Chief Engineer • Transmission Engineer • Broadcast Field Supervisor • Camera Operator • News Analyst • Reporter • Editor • Reporter/Correspondent
PERFORMING ARTS	Actor/Actress • Lighting Designer • Set Designer • Musician • Conductor • Dance Instructor • Voice Instructor • Playwright • Scriptwriter • Music Director
PRINTING TECHNOLOGY	Desktop Publishing Specialist • Job Printer • Platemaker • Press Operator • Graphic Designer • Web Page • Lithographer
TELECOMMUNICATIONS	Central Office Installer • Network Technician • Telecommunications Specialist • Line Installer & Repair • Network Systems Analyst
VISUAL ARTS	Painter • Sculptor • Fashion Designer • Cartoonist • Graphic Designer • Photographer • Art Director • Art Teacher • Curator • Interior Designer • Sketch Artist

### SUGGESTED COURSE OF HIGH SCHOOL STUDY

It is suggested that students consider appropriate units of dual credit, articulation, or advanced placement opportunities for postsecondary credit.

English (*four units required to graduate; including literature, composition, and speech) Choices may include:	Math (*three units required to graduate) Choices may include:	Science (three units required to graduate) *Required units	Social Studies (three units required to graduate) *Required units	Physical Education (one unit required to graduate) *Required units	Career & Technical Education and Other Electives (three units of foreign or Native American language, fine arts, or career and technical education are required to graduate)	Additional Suggested Learning Opportunities
<input type="checkbox"/> English 9 <input type="checkbox"/> English 10 <input type="checkbox"/> English 11 <input type="checkbox"/> English 12 <input type="checkbox"/> Speech or Debate <input type="checkbox"/> Poetry <input type="checkbox"/> Drama (Literature) <input type="checkbox"/> World Literature <input type="checkbox"/> Creative Writing <input type="checkbox"/> Fiction <input type="checkbox"/> Theatre Arts <input type="checkbox"/> AP English <input type="checkbox"/> Dual Credit Classes	<input type="checkbox"/> Pre-Algebra <input type="checkbox"/> Consumer Math <input type="checkbox"/> Applied Math  <b>College Prep:</b> <input type="checkbox"/> Algebra <input type="checkbox"/> Geometry <input type="checkbox"/> Advanced Algebra <input type="checkbox"/> Advanced Math <input type="checkbox"/> Probability & Stat <input type="checkbox"/> College Algebra <input type="checkbox"/> Dual Credit Classes	<input type="checkbox"/> *Physical Science <input type="checkbox"/> *Biology <input type="checkbox"/> *1 additional unit  <b>Choices may include:</b> <input type="checkbox"/> Human Anatomy <input type="checkbox"/> Advanced Biology <input type="checkbox"/> Ecology <input type="checkbox"/> Physics <input type="checkbox"/> Astronomy <input type="checkbox"/> Chemistry <input type="checkbox"/> AP Chemistry <input type="checkbox"/> Geology <input type="checkbox"/> Dual Credit Classes	<input type="checkbox"/> *U.S. History <input type="checkbox"/> *American Gov 1/2 and <input type="checkbox"/> *Economics 1/2 or <input type="checkbox"/> *Problems of Democracy & 1 additional unit  <b>Choices may include:</b> <input type="checkbox"/> Psychology <input type="checkbox"/> Political Science <input type="checkbox"/> World History <input type="checkbox"/> Sociology <input type="checkbox"/> Dual Credit Classes	<input type="checkbox"/> *Physical Education <b>or</b> <input type="checkbox"/> *Physical Ed ½ unit <b>And</b> <input type="checkbox"/> *Health ½ unit	<input type="checkbox"/> Band/Choir <input type="checkbox"/> Art or the Fundamentals of Art <input type="checkbox"/> Sculpture <input type="checkbox"/> Color & Design <input type="checkbox"/> Commercial Art <input type="checkbox"/> Printmaking <input type="checkbox"/> Drafting Technology <input type="checkbox"/> Art History <input type="checkbox"/> Communication Technology <input type="checkbox"/> Photography <input type="checkbox"/> Engineering Technology <input type="checkbox"/> Introduction to Networking <input type="checkbox"/> Television Production <input type="checkbox"/> Web Design <input type="checkbox"/> Graphic Communications	<b>School-Based:</b> <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> Skills USA <input type="checkbox"/> TSA <input type="checkbox"/> DECA <input type="checkbox"/> Student Government <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship  <b>Community-Based:</b> <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment

### EXAMPLES OF NORTH DAKOTA POSTSECONDARY PROGRAM 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"/> +Web Designer (BSC, DCB, NDSCS)	<input type="checkbox"/> +Public Relations & Advertising (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, MaSU, MiSU, NDSU, UM, UND, VCSU) <input type="checkbox"/> Broadcasting (MiSU, NDSU)	<input type="checkbox"/> Communications, General/Mass (NDSU, UND) <input type="checkbox"/> Editor (UM, NDSU)
PERFORMING ARTS	<input type="checkbox"/> +Music (WSC)	<input type="checkbox"/> Music (DSU, JC, MiSU, NDSU, UM, UND, 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"/> Commercial Art (BSC) <input type="checkbox"/> Desktop and Web Publishing (MiSU)	<input type="checkbox"/> Graphic Design Technology (UND) <input type="checkbox"/> New Art Media (UND)	
TELECOMMUNICATIONS	<input type="checkbox"/> +Operating System Technician (DCB) <input type="checkbox"/> +Information Systems (BJCC)		
VISUAL ARTS	<input type="checkbox"/> Commercial Art (BSC) <input type="checkbox"/> +Desktop and Web Publishing (MiSU)	<input type="checkbox"/> Art (DSU, JC, MiSU, NDSU, UND, VCSU) <input type="checkbox"/> Interior Design (NDSU)	<input type="checkbox"/> Visual Arts (UND)

+These major fields may also be found in related clusters including: Marketing, Business Admin & Management, Information Technology, and Manufacturing. BJCC – Burdick Job Corps Center, BSC – Bismarck State College, DCB – Dakota College at 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.  
(7/10/2010 CTE revision)