



FAIRBANKS NORTH STAR BOROUGH SCHOOL DISTRICT

# CAREER & TECHNICAL EDUCATION



**Adopted:**  
**May 7, 2013**  
**&**  
**May 13, 2014**

# Table of Contents

Overview .....	ii
Broadcast Journalism 1A* .....	1
Broadcast Journalism 1B* .....	4
Digital Cinema 1A* .....	7
Digital Cinema 1B* .....	10
Digital Photography 1A <sup>†</sup> .....	13
Digital Photography 1B <sup>†</sup> .....	16
Graphic Design & Multimedia* .....	19
Graphic Design & Publishing* .....	22
Video Production 1A* .....	25
Video Production 1B* .....	28
Yearbook Publications A/B <sup>†</sup> .....	31

# Overview

The Arts, A/V Technology & Communications Cluster includes careers in designing, producing, exhibiting, performing, writing and publishing multimedia content including visual and performing arts and design, journalism and entertainment services.

The Fairbanks North Star Borough School District Arts, A/V Technology & Communications cluster courses may be sequenced into a variety of Programs of Study including, but not limited to:

- *A/V Technology & Film*
- *Printing Technology*
- *Visual Arts*
- *Performing Arts*
- *Journalism & Broadcasting*
- *Telecommunications*

Each school will develop Programs of Study based on availability of courses. Programs of Study are suggestions to help guide the development of individual Personal Learning Career Plans (PLCP). Students may choose courses from multiple clusters as they design a PLCP.

Many courses within this cluster are articulated for credit with University of Alaska-Fairbanks/Community & Technical College through a Tech Prep agreement. This agreement allows students to earn postsecondary credit while taking a course from an approved high school instructor.

Arts, A/V Technology & Communications Overview					
Grade 9	Grade 10	Grade 11	Grade 12	Grade 13	Grade 14
Introductory Courses	Concentrator Courses		Capstone Courses	Post-Secondary	
<ul style="list-style-type: none"><li>• <i>Video Production 1A/1B</i></li><li>• <i>Broadcast Journalism 1A/1B</i></li><li>• <i>Digital Photo 1A/1B</i></li></ul>	<ul style="list-style-type: none"><li>• <i>Digital Cinema 1A/1B</i></li><li>• <i>Graphic Design and Publishing</i></li><li>• <i>Graphic Design and Multimedia</i></li><li>• <i>Yearbook</i></li></ul>		<ul style="list-style-type: none"><li>• <i>Yearbook</i></li><li>• <i>Independent Research</i></li></ul>	<ul style="list-style-type: none"><li>• <i>UAF/CTC</i></li></ul>	
Various certifications are available through the pathway. Check specific course objectives.					

# Broadcast Journalism 1A\*

Course Information	
Course Name	BROADCAST JOURNALISM 1A
Course Number	CTEM201
Grade(s)	10-12
Length	One Semester
Credit	0.5
Pre-requisites	None
Sequence or CTEPS (You must first have the Sequence or CTEPS entered into the system.)	Broadcast Journalism
Date of District Course Revision	Spring 2013
Career & Technical Student Organization (CTSO)	
CTSO Embedded in this Sequence	SkillsUSA
Occupational Standards	
Source of Occupational Standards	1. National Workforce Center for Emerging Technology (NWCET) (www.tssb.org/sites/default/files/wwwpages/repos/pdfiles/NWCETSkillStandards03.pdf) 2. Florida Department of Education: (http://ctace.browardschools.com/LinkClick.aspx?fileticket=yLthJgmg554%3D&tabid=74&mid=520)
Names/Numbers of Occupational Standards	Digital Media (DM), Television Production
Registration Information	
Course Description (brief paragraph – as shown in your student handbook or course list)	<i>Broadcast Journalism 1A</i> features extensive hands-on instruction in producing, shooting, and editing news and feature stories for broadcast audiences. Students will work independently and in small groups to record stories using field and studio cameras, tripods, microphones, and lights. Students will frequently view and critically analyze local and national news features. Basic interviewing and newsgathering techniques are a key component of the course. Students will learn how to prepare effective interview questions, find and contact sources, research background information, script voice-over and anchor narration, and meet strict deadlines. Students will use Adobe Premiere Pro to edit together news features. Students will also work co-dependently to combine and produce media intended for mass distribution and viewer awareness. (This will commonly be done via daily announcements program.)
Instructional Topic Headings (please separate each heading by a semi-colon)	Communication skills; leadership skills; human relations and employability skills; safe and efficient work practices; script writing; lighting, on-air talent; graphic generation; audio; filming; directing; and electronic news gathering.
Summative Assessments and Standards	
Technical Skills Assessment (TSA)	Adobe Certified Expert – Premiere Pro
Course Addresses	Yes
New Alaska ELA and Math Standards	Yes
Alaska Cultural Standards	Yes

<b>All Aspects of Industry (AAI)</b>	Yes
<b>Core Technical Standards</b>	Yes
<b>Employability Standards</b>	Yes
<b>Employability Standards</b>	
<b>Source of Employability Standards</b>	Alaska
<b>Tech Prep</b>	
<b>Current Tech Prep Articulation Agreement? (Y/N)</b>	No
<b>Date of Current Agreement</b>	N/A
<b>Postsecondary Institution Name</b>	N/A
<b>Postsecondary Course Name</b>	N/A
<b>Postsecondary Course Number</b>	N/A
<b>Number of Postsecondary Credits</b>	N/A
<b>Author</b>	
<b>Course Developed By</b>	B. Johnson
<b>Course Adapted From</b>	FNSBSD Career & Technical Education Curriculum
<b>Date of Previous Course Revision</b>	May 6, 2006
<b>Course Delivery Model</b>	
<b>Is the course brokered through another institution or agency? (Y/N)</b>	No

## Standards Alignment

Student Performance Standards (Learner Outcomes or Knowledge & Skill Statements)	Specific Occupational Skills Standards	Common Core Technical Standards	New Alaska ENG/LA Standards	New Alaska Math Standards	Alaska Cultural Standards	Alaska Employability Standards	All Aspects of Industry/Systems	Assessments
Students will identify career opportunities in Broadcast Journalism and the required courses and training to prepare for those careers.	FDOE 16.0(all); 23.02; NWCET A2	AR-JB 1	RT.2; 8		A2; B4; D1; E6	B2, 4-5	Work Habits	Class Assignment
Students will view and critically analyze local and national news stories and broadcasts.	FDOE 5.02; 24.01	AR-JB 2	RT.7; 9		B1-2, 4; D5; E8	A2	Tech Prod	Class Assignment
Students will work productively in small groups.	FDOE 32.02, 04	AR-JB 3			A5, 7; B1-3; C4; E4, 7-8	A1; B1	Work Habits	Performance; Class Assignment
Students will effectively use field cameras, tripods and microphones to record new stories.	FDOE 4.02, 11-13; 12.01; NWCET C3; D1	AR-AV 2-3	W.5		A2-3	A2	Tech Prod	Performance; Class Assignment
Students will prepare effective interview questions, find and contact sources and research appropriate background information.	NWCET A4-5; C1, 4	AR-JB 3-4	RT.2; W.5		A2-3; B1-2; C4; D1, 3-4, 6; E7-8	A2	Tech Prod	Performance; Class Assignment
Students will use Non-Linear Editing software to prepare entry-level news packages.	FDOE 9.05; NWCET D1	AR-JB 4	W.4		B1-4	A2	Technology	Performance; Class Assignment
Students will become familiar with a variety of crew and on-camera positions, including director, camera operator, on-air talent, technical director, character generator, and audio engineer.	FDOE 2.01; 3.04; 15.01-04; 20.0	AR-AV 2-3	RT.9		B3-4; C4; E4	A1-2, 5	Technology	Performance; Class Assignment
Students will assist in broadcasting daily school announcements and contribute broadcast quality news packages for a student television programs, as available.	FDOE 2.01; 3.04; 14.0 15.01-04; 20.0; NWCET C7; D1, 5	AR-JB 3-4	RT.9 W.7		B3-4; C4; E4	A1, 3	Tech Prod; Technology	Performance; Class Assignment
Students will meet strict deadlines.	FDOE 14.04; 7.05; NWCET E3	AR-AV 4; AR-JB 3			A7; B1, 3; C4; E4, 7	A1; B1	Work Habits; Tech Prod	Performance Class Assignment

# Broadcast Journalism 1B\*

Course Information	
Course Name	BROADCAST JOURNALISM 1B
Course Number	CTEM202
Grade(s)	10-12
Length	One Semester
Credit	0.5
Pre-requisites	Broadcast Journalism 1A
Sequence or CTEPS (You must first have the Sequence or CTEPS entered into the system.)	Broadcast Journalism, Film Career Pathway
Date of District Course Revision	Spring 2013
Career & Technical Student Organization (CTSO)	
CTSO Embedded in this Sequence	SkillsUSA
Occupational Standards	
Source of Occupational Standards	3. National Workforce Center for Emerging Technology (NWCET) ( <a href="http://www.tssb.org/sites/default/files/wwwpages/repos/pdfiles/NWCETSkillStandards03.pdf">http://www.tssb.org/sites/default/files/wwwpages/repos/pdfiles/NWCETSkillStandards03.pdf</a> ) 4. Florida Department of Education: ( <a href="http://ctace.browardschools.com/LinkClick.aspx?fileticket=yLthJgmg554%3D&amp;tabid=74&amp;mid=520">http://ctace.browardschools.com/LinkClick.aspx?fileticket=yLthJgmg554%3D&amp;tabid=74&amp;mid=520</a> )
Names/Numbers of Occupational Standards	Digital Media (DM), Television Production
Registration Information	
Course Description (brief paragraph – as shown in your student handbook or course list)	<i>Broadcast Journalism 1B</i> builds on skills mastered in <i>Broadcast Journalism 1A</i> . Students will work independently and in small groups to produce, record and edit news and feature stories for broadcast audiences. Advanced newsgathering techniques will be developed. Field trips to television and production facilities will be offered. Students will independently operate all control room and studio equipment and be familiar with all production jobs. Students will participate the daily broadcast of school announcements. Students will prepare material for larger scale distribution within the community and beyond. Significant out-of-class time may be required for some projects. Students will create a final portfolio of their work.
Instructional Topic Headings (please separate each heading by a semi-colon)	Communication skills, leadership skills, human relations and employability skills, safe and efficient work practices, script writing, lighting, on-air talent, graphic generation, audio, filming, directing and electronic news gathering
Summative Assessments and Standards	
Technical Skills Assessment (TSA)	Adobe Certified Expert – Premiere Pro
Course Addresses	Yes
New Alaska ELA and Math Standards	Yes
Alaska Cultural Standards	Yes
All Aspects of Industry (AAI)	Yes

<b>Core Technical Standards</b>	Yes
<b>Employability Standards</b>	Yes
<b>Employability Standards</b>	
<b>Source of Employability Standards</b>	Alaska
<b>Tech Prep</b>	
<b>Current Tech Prep Articulation Agreement? (Y/N)</b>	No
<b>Date of Current Agreement</b>	N/A
<b>Postsecondary Institution Name</b>	N/A
<b>Postsecondary Course Name</b>	N/A
<b>Postsecondary Course Number</b>	N/A
<b>Number of Postsecondary Credits</b>	N/A
<b>Author</b>	
<b>Course Developed By</b>	B. Johnson
<b>Course Adapted From</b>	FNSBSD Career & Technical Education Curriculum
<b>Date of Previous Course Revision</b>	May 6, 2006
<b>Course Delivery Model</b>	
<b>Is the course brokered through another institution or agency? (Y/N)</b>	No



## Standards Alignment

Student Performance Standards (Learner Outcomes or Knowledge & Skill Statements)	Specific Occupational Skills Standards	Common Core Technical Standards	New Alaska ENG/LA Standards	New Alaska Math Standards	Alaska Cultural Standards	Alaska Employability Standards	All Aspects of Industry/System s	Assessments
Students will demonstrate mastery of the skills introduced in <i>Broadcast Journalism 1A</i> .	FDOE 16.0(all); 23.02; NWCET A2	AR-JB 1	RT.2, 8		A2; B4; D1; E6		Work Habits	Performance; Class Assignment
Students will communicate directly with an individual employed in the area of broadcast journalism or news production. Potential interaction includes interviewing and job shadowing.	FDOE 16.0(all), 23.02; NWCET A2	AR-JB 2	RT.7, 9		A2; B4; D1; E6	B2-5	Business Plan; Work Habits; Labor	Performance; Class Assignment
Students will work productively and effectively in leading small groups.	FDOE 32.02, 04; NWCET B8, C7	AR-JB 3			A5, 7; B1-3; C4; E4, 7-8	A1, 5	Work Habits	Performance; Class Assignment
Students will demonstrate advanced skills in the use of field cameras, tripods and microphones.	FDOE 4.02-03, 11-13, 12.01; NWCET C3, D1	AR-AV 2-3	W.5		E7-8	A2	Tech Prod	Performance; Class Assignment
Students will create journalistic news packages of individuals both in and out of school.	FDOE 9.01, 03, 05; NWCET A2, 5; B1, 4, 8; C1, 4	AR-JB 3-4	RT.2; W.5		A2-3	A1-2; B4	Tech Prod; Work Habits; Technology	Performance; Class Assignment
Students will demonstrate efficient use on Non-Linear Editing software to prepare entry-level news packages on tight deadlines.	FDOE 9.05 NWCET D1	AR-JB 4	W.4		A2-3; B1-2; C4; D1, 3-4, 6; E7-8	B4	Technology	Performance; Class Assignment
Students will demonstrate understanding of some advanced features of editing (color correction, key-framing, etc.).	FDOE 9.04, 05; NWCET B1, B6	AR-AV 2-3	RT.9		B3-4		Tech Prod; Work Habits	Performance; Class Assignment
Students will lead and participate in the production and broadcasting of the daily school announcements.	FDOE 2.01, 03; 11.01; 12.12; NWCET C7; D1, 5	AR-JB 3-4	RT.9 W.7		B3-4; C4; E4	A1-2	Business Plan; Management; Work Habits; Tech Prod; Labor	Performance; Class Assignment
Students will produce broadcast quality news packages for mass distribution to wide-scale audiences, including: yearbooks, local cable news, web-distribution and partnerships with local news agencies.	FDOE 7.05; 14.04; NWCET C5; E3	AR-AV 4; AR-JB 3			A2, 5, 7; B1-3; C4; D1, 3-4; E5	A1-2, 5	Business Plan; Management; Work Habits; Tech Prod; Labor	Performance; Class Assignment
Students will meet strict deadlines.		AR-JB 1	RT.2, 8		A7; B1, 3; C4; E4, 7	A1	Work Habits	Performance; Class Assignment

# Digital Cinema 1A\*

Course Information	
Course Name	DIGITAL CINEMA 1A
Course Number	CTEM103
Grade(s)	10-12
Length	One Semester
Credit	0.5
Pre-requisites	<i>Video Production 1A and 1B</i>
Sequence or CTEPS (You must first have the Sequence or CTEPS entered into the system.)	Arts Audio Visual Communications, Visual Arts (ARVIS) and/or Journalism & Broadcasting Career Pathway (ARJB)
Date of District Course Revision	Spring 2013
Career & Technical Student Organization (CTSO)	
CTSO Embedded in this Sequence	N/A
Occupational Standards	
Source of Occupational Standards	<ol style="list-style-type: none"> <li>1. FL DOE Radio &amp; TV Broadcast Programming (RTVG) (<a href="http://www.mccte.educ.edu/cs/tasklist/tasks/RTVG.html">http://www.mccte.educ.edu/cs/tasklist/tasks/RTVG.html</a>)</li> <li>2. Arts, AV Technology &amp; Communications Career Cluster Standards – Journalism/Broadcasting/Film Pathway (JBF) (<a href="http://www.artavcomm.org">http://www.artavcomm.org</a>)</li> <li>3. Career Cluster Resources (Arts, AV Tech &amp; Communications) (AAVTC) (<a href="http://www.artavcomm.org">http://www.artavcomm.org</a>)</li> </ol>
Names/Numbers of Occupational Standards	<ol style="list-style-type: none"> <li>1. RTVG: 01.02, 01.05, 02.0, 03.0, 04.05, 09.04, 12.01-21.05, 22.01-22.04, 23.02-05, 23.04, 23.06;</li> <li>2. RTVG: 01.02, 01.05, 02.0, 03.0, 04.05, 09.04, 12.01-21.05, 22.01-22.04, 23.02-05, 23.04, 23.06;</li> </ol>
Registration Information	
Course Description (brief paragraph – as shown in your student handbook or course list)	<i>Digital Cinema 1A</i> builds on skills mastered in <i>Video Production 1A</i> and <i>1B</i> with a focus on the production of videos for public viewing (e.g., video yearbook, short movies). Students will receive instruction on advanced camera techniques, advanced editing software and scriptwriting. Self-motivation and good time management skills are a must since much of the work is independent in nature. Out-of-class work is required for some projects.
Instructional Topic Headings (please separate each heading by a semi-colon)	Script writing, audio mixing and editing, time management, history of filmmaking, ethics, safety, set design, video composition and editing, lighting issues, movie analysis, communications, sound recording, media literacy, advanced camera operation, technical terminology and critical thinking.
Summative Assessments and Standards	
Technical Skills Assessment (TSA)	N/A
Course Addresses	Yes
New Alaska ELA and Math Standards	Yes
Alaska Cultural Standards	Yes
All Aspects of Industry (AAI)	Yes
Core Technical Standards	Yes
Employability Standards	Yes

Employability Standards	
Source of Employability Standards	Alaska
Tech Prep	
Current Tech Prep Articulation Agreement? (Y/N)	Yes
Date of Current Agreement	Fall 2012
Postsecondary Institution Name	UAF/Community & Technical College (CTC)
Postsecondary Course Name	Digital Video
Postsecondary Course Number	CiOS F257
Number of Postsecondary Credits	3 credits (upon completion of <i>Digital Cinema 1A</i> and <i>1B</i> )
Author	
Course Developed By	M. Bierer
Course Adapted From	FNSBSD Career & Technical Curriculum
Date of Previous Course Revision	May 6, 2006
Course Delivery Model	
Is the course brokered through another institution or agency? (Y/N)	No

## Standards Alignment

<b>Student Performance Standards (Learner Outcomes or Knowledge &amp; Skill Statements)</b>	<b>Specific Occupational Skills Standards</b>	<b>Common Core Technical Standards</b>	<b>New Alaska ENG/LA Standards</b>	<b>New Alaska Math Standards</b>	<b>Alaska Cultural Standards</b>	<b>Alaska Employability Standards</b>	<b>All Aspects of Industry/System s</b>	<b>Assessments</b>
Students will understand the basic videography, editing, and writing skills necessary to produce projects designed for public viewing and/or for sale to the public.	RTVG 12.01-21.05, 22.01-22.04; JBF 3.2.5	AR-JB.2, AR- AV.2	W.PD.4-6		A3; B2	A2	Management; Finance	Lab Demonstration
Students will demonstrate ethical behaviors in what is written, spoken or depicted.	RTVG 23.04, 23.06; JBF 3.4.1-3.4.4	AR.3	W.R.7-8		B3	A1	Work Habits	Quiz
Students will demonstrate entry-level writing and research skills.	RTVG 23.02-05; JBF 3.0.9	AR-JB.2	W.R.7-8		A2	B4	Tech/Prod; Technology	Class Writing Assignment
Students will gain basic proficiency with industry/subject specific software.	JBF 3.3.4	AR-AV.2-3				A2	Tech/Prod; Technology	Lab Demonstration
Students will develop a basic understanding of set design including lighting, audio, video, props, time period and atmosphere.	RTVG 02.0, 03.0; JBF 3.3.5	AR.1, AR- AV.4			A5; B1, 4	A2	Tech/Prod; Technology	Quiz; Lab Exam
Students will communicate technological information and ideas effectively using written, oral, graphic and video-based methods.	RTVG 04.05; JBF 3.3.1, 3.3.2	AR-AV.1-4	W.R.7-8, W.TT.2		E3, 4	A2, 6	Tech/Prod; Technology	Project
Students will demonstrate safe use of electronic and mechanical equipment.	RTVG 01.02, 01.05, 14.03; JBF 3.5.1-3.5.4	AR-AV.1-4			B3	A6	Health/Safety	Performance Evaluation
Students will work effectively independently or in small groups.	RTVG 09.04				B4	A1	Tech/Prod; Work Habits	Performance Evaluation
Students will use critical thinking and reasoning skills to identify problems and apply strategies to resolve them.	RTVG 09.04		W.TT.1, W.R.9		B4	A2	Tech/Prod	Demonstration
Students will learn how specific careers addressed in this course fit within all aspects of the video production industry.	RTVG 15.15.01, 15.02, 15.14; JBF 3.0.3, 3.0.10	AR.1-6			E8	B1-5	Labor	Research Paper

# Digital Cinema 1B\*

Course Information	
Course Name	DIGITAL CINEMA 1B
Course Number	CTEM104
Grade(s)	10-12
Length	0.5
Credit	One Semester
Pre-requisites	Digital Cinema 1A
Sequence or CTEPS (You must first have the Sequence or CTEPS entered into the system.)	Arts Audio Visual Communications, Visual Arts (ARVIS) and/or Journalism & Broadcasting Career Pathway (ARJB)
Date of District Course Revision	Spring 2013
Career & Technical Student Organization (CTSO)	
CTSO Embedded in this Sequence	None
Occupational Standards	
Source of Occupational Standards	4. FL DOE Radio & TV Broadcast Programming (RTVG: Real Time Video & Graphics) ( <a href="http://www.mccte.educ.edu/cs/tasklist/tasks/RTVG.html">www.mccte.educ.edu/cs/tasklist/tasks/RTVG.html</a> ) 5. Arts, AV Technology & Communications Career Cluster Standards – Journalism/Broadcasting/Film Pathway (JBF) ( <a href="http://www.artavcomm.org">www.artavcomm.org</a> ) 6. Career Cluster Resources (Arts, AV Tech & Communications) (AAVTC) ( <a href="http://www.artavcomm.org">www.artavcomm.org</a> )
Names/Numbers of Occupational Standards	3. RTVG: 01.02, 01.05, 02.0, 03.0, 04.05, 09.04, 12.01-21.05, 22.01-22.04, 23.02-05, 23.04, 23.06; 4. RTVG: 01.02, 01.05, 02.0, 03.0, 04.05, 09.04, 12.01-21.05, 22.01-22.04, 23.02-05, 23.04, 23.06;
Registration Information	
Course Description (brief paragraph – as shown in your student handbook or course list)	Digital Cinema 1B builds on skills mastered in Video Production 1A, 1B and Digital Cinema Production 1A with a focus on the production of videos for public viewing (e.g., graduation video, commercials, instructional videos). Students will receive instruction on interviewing skills, fieldwork and marketing techniques. Career exploration and awareness will be emphasized. Self-motivation and good time management skills are a must since much of the work is independent in nature. Out-of-class work is required for some projects.
Instructional Topic Headings (please separate each heading by a semi-colon)	Interviewing skills, video compositing and editing, time management, advanced camera operation, communications, sound recording, work habits, career opportunities, ethics, technical terminology, audio mixing and editing, marketing techniques, lighting issues, safety and critical thinking.
Summative Assessments and Standards	
Technical Skills Assessment (TSA)	N/A
Course Addresses	Yes
New Alaska ELA and Math Standards	Yes
Alaska Cultural Standards	Yes
All Aspects of Industry (AAI)	Yes
Core Technical Standards	Yes
Employability Standards	Yes

Employability Standards	
Source of Employability Standards	Alaska
Tech Prep	
Current Tech Prep Articulation Agreement? (Y/N)	Yes
Date of Current Agreement	Fall 2012
Postsecondary Institution Name	UAF/Community & Technical College (CTC)
Postsecondary Course Name	Digital Video
Postsecondary Course Number	CIOS F257
Number of Postsecondary Credits	3 credits (upon completion of <i>Digital Cinema 1A</i> and <i>1B</i> )
Author	
Course Developed By	M. Bierer
Course Adapted From	FNSBSD Career & Technical Education Curriculum
Date of Previous Course Revision	May 6, 2006
Course Delivery Model	
Is the course brokered through another institution or agency? (Y/N)	No

## Standards Alignment

<b>Student Performance Standards (Learner Outcomes or Knowledge &amp; Skill Statements)</b>	<b>Specific Occupational Skills Standards</b>	<b>Common Core Technical Standards</b>	<b>New Alaska ENG/LA Standards</b>	<b>New Alaska Math Standards</b>	<b>Alaska Cultural Standards</b>	<b>Alaska Employability Standards</b>	<b>All Aspects of Industry/System s</b>	<b>Assessments</b>
Students will understand the advanced videography, editing and writing skills necessary to produce projects designed for public viewing and/or for sale to the public.	RTVG 12.01-21.05, 22.01-22.04; JBF 3.2.5	AR-AV.4			A3; B2	A2	Management; Finance	Lab Demonstration
Students will demonstrate ethical behaviors in what is written, spoken or depicted.	RTVG 23.04, 23.06; JBF 3.4.1-3.4.4	AR.3	W.R.7-8		B3	A1	Work Habits	Quiz
Students will demonstrate improved writing and research skills.	RTVG 23.02-05; JBF 3.0.9	AR-JB.2	W.R.7-8		A2	B4	Tech Prod; Technology	Class Writing Assignment
Students will gain advanced proficiency with industry/subject specific software.	JBF 3.3.4	AR-AV.2-3				A2	Tech Prod; Technology	Lab Demonstration
Students will develop advanced understanding of set design including lighting, audio, video, props, time period and atmosphere.	RTVG 02.0, 03.0; JBF 3.3.5	AR.1, AR- AV.4			A5; B1, 4	A2	Tech Prod; Technology	Quiz; Lab Exam
Students will communicate technological information and ideas at a professional level using written, oral, graphic and video-based methods.	RTVG 04.05 JBF 3.3.1, 3.3.2	AR-AV.1-4	W.R.7-8, W.TT.2		E3, 4	A2, 6	Tech Prod; Technology	Project
Students will demonstrate safe use of electronic and mechanical equipment.	RTVG 01.02, 01.05, 14.03; JBF 3.5.1-3.5.4	AR-AV.1-4			B3	A6	Health/Safety	Performance Evaluation
Students will learn more advanced techniques for producing and directing videos designed for public viewing and/or sale to the public.	RTVG 12.01-21.05, 22.01-22.04; JBF 3.2.5	AR-AV.2AR. - 4			A3; B2	A2	Tech Prod; Technology	Product Review
Students will work effectively independently or in small groups.	RTVG 09.04				B4	A1	Work Habits; Tech Prod	Performance Evaluation
Students will use critical thinking and reasoning skills to identify problems and apply strategies to resolve them.	RTVG 09.04		W.TT.1, W.R.9		B4	A2	Tech Prod; Technology	Demonstration
Students will learn how specific careers addressed in this course fit within all aspects of the video production industry.	RTVG 15.15.01, 15.02, 15.14; JBF 3.0.3, 3.0.10	AR,1-6			E8	B1-5	Labor	Research Paper
Students will continue to develop their time management skills and efficient work habits.	JBF 3.3.4				B4	A1	Work Habits; Tech Prod	Performance Evaluation
Students will demonstrate the ability to transfer academic knowledge and artistic principles to life and work situations through sharpened critical viewing and media literacy skills.	RTVG 23.02-05; JBF 3.0.9	AR.1, 4	R. IK.7-9		A2	B4	Tech Prod; Technology	Class Writing Assignment

# Digital Photography 1A<sup>†</sup>

Course Information	
Course Name	DIGITAL PHOTOGRAPHY 1A
Course Number	CTEM401
Grade(s)	9-12
Length	One Semester
Credit	.5
Prerequisites	None
Sequence or CTEPS (You must first have the Sequence or CTEPS entered into the system.)	Arts, A-V Technology & Communications, Visual Arts
Date of District Course Revision	Spring 2014
Career & Technical Student Organization (CTSO)	
CTSO Embedded in this Sequence	N/A
Occupational Standards	
Source of Occupational Standards	1. National Workforce Center for Emerging Technology (NWCET), page 41-57 2. Nevada State Skill Standards (NSS), 2007 3. Digital Media (DM), 2003
Names/Numbers of Occupational Standards	1. NWCET: <a href="http://www.tssb.org/sites/default/files/wwwpages/repos/pdfiles/NWCETSkillStandards03.pdf">www.tssb.org/sites/default/files/wwwpages/repos/pdfiles/NWCETSkillStandards03.pdf</a> 2. NSS: <a href="http://doe.nv.gov/CTE/Standards/Trade/Photography.doc">http://doe.nv.gov/CTE/Standards/Trade/Photography.doc</a>
Registration Information	
Course Description (brief paragraph - as shown in your student handbook or course list)	<i>Digital Photography 1A</i> introduces students to digital photography and its application in a wide variety of occupations. Students will learn and utilize the concepts of basic photographic composition including rule of thirds, framing, shapes, lines, color, negative space, etc. Students will also gain an understanding of the facets of the exposure triangle: Aperture, Shutter Speed, and ISO. Students will perform beginner to intermediate camera operations while completing assignments. File management including various import and organization methods will be covered. Students will also be introduced concepts of photo editing using industry appropriate software as well as the aspects of digital image files. Students learn to make critical judgments about their own art and the art of others.
Instructional Topic Headings (please separate each heading by a semi-colon)	Photographic Exposure; Composition; File Types/File Management; Digital Alteration; Importing/Scanning; Printing; Presentation; Portfolio; Personal Safety/Care of Equipment; Legal Issues.
Summative Assessments and Standards	
Technical Skills Assessment (TSA)	None
Course Addresses	N/A
Alaska ELA and Math Standards	Yes
Alaska Cultural Standards	Yes
All Aspects of Industry (AAI)	Yes
Core Technical Standards	Yes
Career Ready Practices	Yes



Employability Standards	
Source of Employability Standards	Alaska
Tech Prep	
Current Tech Prep Articulation Agreement? (Y/N)	Yes
Date of Current Agreement	Fall 2014
Postsecondary Institution Name	UAF-Community & Technical College
Postsecondary Course Name	Digital Photography
Postsecondary Course Number	CiOS F258
Number of Postsecondary Credits	3 credits (with <i>Digital Photography 1A</i> and <i>1B</i> )
Author	
Course Developed By	B. Johnson, P. Meritt
Course Adapted From	FNSBSD Curriculum
Date of Previous Course Revision	May 6, 2006
Course Delivery Model	
Is the course brokered through another institution or agency? (Y/N)	No

## Standards Alignment

Student Performance Standards (Learner Outcomes or Knowledge & Skill Statements)	Specific Occupational Skills Standards	Alaska ENG/LA Standards	Alaska Math Standards	Alaska Cultural Standards	Common Technical Core Standards	Career Ready Practices	All Aspects of Industry	Formative Assessments
Students will understand the mechanics of photographic exposure, how a camera captures an image, and the basic differences between film and digital photography.	NWCET A8, B6, C4; NSS 1.0, 4.1, 5.1, 9.1		MP 1	B4	AR-VIS.2-3	2	Tech/Prod	Student Assessment
Students will demonstrate an understanding of composition minimally including, focus, depth of field, rule of thirds, negative space, contrast, lighting, and camera angles.	NWCET B4, C4; NSS 6.0		MP 6		AR-VIS.2-3	2, 6, 8	Tech/Prod	Student Projects
Students will understand and demonstrate how to shoot high quality photographs using both manual and automatic controls of a digital camera.	NWCET A8, B6, C4; NSS 4.1, 5.1			B4	AR-VIS.2-3	2, 6, 8	Tech/Prod	Student Demo
Students will demonstrate knowledge of key digital concepts including pixels, resolution, file formats, and compression.	NWCET A8, B1 NSS 9.1, 9.4	SL.9-10.5			AR-VIS.2-3; PRT.2-3	2	Tech/Prod	Student Projects
Students will demonstrate how to download, organize, and archive photos on a computer.	NWCET C3; NSS 9.0, 9.4				AR-VIS.2, 3; AR-PRT.2, 3	2, 11	Tech/Prod; Technology	Student Projects; Student Demo
Students will understand and demonstrate how to use industry-standard photo editing software to adjust size, levels, hue, saturation, contrast, and sharpness.	NWCET A4, B2, B6; NSS 9.3		MP 6	B4	AR-VIS.2-3; PRT.2-3	2, 6, 8	Tech/Prod	Student Projects; Student Demo
Students will prepare and save photos for a variety of objectives, utilizing both physical and digital media, including at least one formal presentation.	NWCET A6-7, B2, B7, D1	SL.9-10.5		A3, B4	AR-VIS.2-3; PRT.2-3	2, 6, 8, 11	Tech/Prod	Student Projects
Students will create an organized and aesthetic digital portfolio of their work.	NWCET B4, D1; NSS 10.2				AR.5	2, 4	Work Habits	Final Project
Students will demonstrate an understanding of laws and ethics associated with personal and professional photography.	NSS 2.0	RST.11-12.1, 7, 9			AR.4	1-2, 9	Labor	Student Assessment
Students will demonstrate safety and efficiency in the use of materials, tools, and equipment.	NWCET B6; NSS 3.0, 12.2			C3		1- 3	Health/Safety	Class Observation
Students will develop time management skills and efficient work habits, both independently and in small groups.	NWCET B8, C5, C7; NSS 12.4-5			D6		1- 3, 12	Work Habits	Class Observation

# Digital Photography 1B<sup>†</sup>

Course Information	
Course Name	DIGITAL PHOTOGRAPHY 1B
Course Number	CTEM104
Grade(s)	9-12
Length	One Semester
Credit	.5
Prerequisites	Digital Photography 1A
Sequence or CTEPS (You must first have the Sequence or CTEPS entered into the system.)	Arts, A-V Technology & Communications, Visual Arts
Date of District Course Revision	Spring 2014
Career & Technical Student Organization (CTSO)	
CTSO Embedded in this Sequence	N/A
Occupational Standards	
Source of Occupational Standards	4. National Workforce Center for Emerging Technology (NWCET), page 41-57 5. Nevada State Skill Standards (NSS), 2007 6. Digital Media (DM), 2003
Names/Numbers of Occupational Standards	3. NWCET: <a href="http://www.tssb.org/sites/default/files/wwwpages/repos/pdfiles/NWCETSkillStandards03.pdf">www.tssb.org/sites/default/files/wwwpages/repos/pdfiles/NWCETSkillStandards03.pdf</a> 4. NSS: <a href="http://doe.nv.gov/CTE/Standards/Trade/Photography.doc">http://doe.nv.gov/CTE/Standards/Trade/Photography.doc</a>
Registration Information	
Course Description (brief paragraph – as shown in your student handbook or course list)	Digital Photography 1B is a continuation and expansion of the skills students learn in Digital Photography 1A. Students will learn about the more advanced functions of a digital camera and digital image editing software as they continue to develop their portfolio. Students also prepare and present their photography in a variety of settings and mediums. Finally, students will begin to discover possible careers in photography and what other training and education is required to enter those careers.
Instructional Topic Headings (please separate each heading by a semi-colon)	Advanced Camera Operation; Advanced Image Composition; Lighting; Advanced Image Editing; Printing; Presentation; Portfolio; Personal Safety/Care of Equipment; Careers in Photography.
Summative Assessments and Standards	
Technical Skills Assessment (TSA)	None
Course Addresses	N/A
Alaska ELA and Math Standards	Yes
Alaska Cultural Standards	Yes
All Aspects of Industry (AAI)	Yes
Core Technical Standards	Yes
Career Ready Practices	Yes
Employability Standards	
Source of Employability Standards	Alaska

Tech Prep	
Current Tech Prep Articulation Agreement? (Y/N)	Yes
Date of Current Agreement	Fall 2014
Postsecondary Institution Name	UAF-Community & Technical College
Postsecondary Course Name	Digital Photography
Postsecondary Course Number	CiOS F258
Number of Postsecondary Credits	3 credits (with <i>Digital Photography 1A</i> and <i>1B</i> )
Author	
Course Developed By	B. Johnson, P. Meritt
Course Adapted From	FNSBSD Curriculum
Date of Previous Course Revision	May 6, 2006
Course Delivery Model	
Is the course brokered through another institution or agency? (Y/N)	No

## Standards Alignment

Student Performance Standards (Learner Outcomes or Knowledge & Skill Statements)	Specific Occupational Skills Standards	Alaska ENG/LA Standards	Alaska Math Standards	Alaska Cultural Standards	Common Technical Core Standards	Career Ready Practices	All Aspects of Industry	Formative Assessments
Students will demonstrate mastery of the skills introduced in <i>Digital Photography 1A</i> .	See <i>Digital Photography 1A</i>	See <i>Digital Photography 1A</i>	See <i>Digital Photography 1A</i>	See <i>Digital Photography 1A</i>	See <i>Digital Photography 1A</i>	See <i>Digital Photography 1A</i>	See <i>Digital Photography 1A</i>	See <i>Digital Photography 1A</i>
Students will understand and effectively use advanced settings on digital cameras such as EV adjustment, bracketing, white balance, self-timer, and flash curtain.	NWCET B6; NSS 7.1-2		MP 5, 6	B4	AR-VIS.2-3	2, 6, 8	Tech/Prod	Student Projects
Students will produce publication-quality digital photographs appropriate for a variety of commercial and school media.	NWCET B3-4, D1; NSS 6.1				AR-VIS.2-3; PRT.2-3	2, 6, 8, 11	Tech/Prod	Student Projects
Students will understand and demonstrate how to use advanced photo editing techniques using <i>Adobe Photoshop</i> and/or other advanced software.	NWCET B6, D5; NSS 9.3			B4	AR.6	2, 6, 8, 11	Tech/Prod; Technology	Student Projects; Student Demo
Students will demonstrate how to adjust for different lighting situations such as flash, natural light, and studio lights.	NWCET B6; NSS 7.1-2			B4	AR-VIS.2-3	2, 6, 8,	Tech/Prod	Student Projects; Student Demo
Students will research and/or job shadow in order to discover potential career opportunities in the field of photography.	NSS 11.1, 12.1, 12.3	RST.9-10.9		D4	AR.5	1, 10	Work Habits	Research Project
Students will use their own photography to design a complex piece of printed media (e.g., brochure, greeting card, DVD label, short book).	NWCET A8, B4, C3, D1; NSS 6.2, 9.3, 9.5	RST.11-12.7			AR-VIS.2-3; PRT.2-3	2, 6, 8, 11	Tech/Prod; Technology	Student Project
Students will create an organized and aesthetic digital portfolio of their work.	NWCET B4, D1; NSS 10.2				AR. 5	2, 4	Tech/Prod; Technology	Portfolio Project
Students will demonstrate safety and efficiency in the use of materials, tools, and equipment.	NWCET B6; NSS 3.0, 12.2			C3	AR. 4	1, 3,9	Health/Safety	Class Observation
Students will develop time management skills and efficient work habits, both independently and in small groups.	NWCET B8, C5, C7; NSS 12.4-5			D6		1- 3	Work Habits	Class Observation
Students will display their photography in a public forum.	NWCET B1, D1; NSS 10.1			D6		4	Work Habits	Student Project; Class Observation ; Photo Contests

# Graphic Design & Multimedia\*

Course Information	
Course Name	GRAPHIC DESIGN & MULTIMEDIA
Course Number	CTEJ107
Grade(s)	10-12
Length	One Semester
Credit	0.5
Pre-requisites	None
Sequence or CTEPS (You must first have the Sequence or CTEPS entered into the system.)	Visual Arts (AR-VIS)
Date of District Course Revision	Spring 2013
Career & Technical Student Organization (CTSO)	
CTSO Embedded in this Sequence	N/A
Occupational Standards	
Source of Occupational Standards	1. American Institute of Graphic Arts (AIGA) and Adobe ( <a href="http://www.aiga.org/designer-of-2015-competencies">www.aiga.org/designer-of-2015-competencies</a> ) 2. National Association of Schools of Art & Design (NASAD) Competencies Summary – Excerpted from the NASAD Standards Handbook ( <a href="http://aqresources.arts-accredit.org/site/docs/AQ-AD/BFA-GraphicDesign.pdf">http://aqresources.arts-accredit.org/site/docs/AQ-AD/BFA-GraphicDesign.pdf</a> )
Names/Numbers of Occupational Standards	1. 2009 2. 2012
Registration Information	
Course Description (brief paragraph – as shown in your student handbook or course list)	<i>Graphic Design &amp; Multimedia</i> introduces students to industry-standard graphic design software for use in multimedia projects or presentations. After learning the basic tools and layout of the software, students will use critical thinking to complete practical, career-oriented projects, as they integrate text, graphics and photos into professional presentations, videos or websites. The course will also include a study of the relevant theories involved in modern graphic design.
Instructional Topic Headings (please separate each heading by a semi-colon)	Careers, work ethics, interpersonal communication, safety, following directions, computer use and etiquette, file types, file size, file management, design theory/principles of design, shapes, pictures, type, placement, manipulation, adjustments, filters, scanning and printing
Summative Assessments and Standards	
Technical Skills Assessment (TSA)	Adobe Certified Expert
Course Addresses	Yes
New Alaska ELA and Math Standards	Yes
Alaska Cultural Standards	Yes
All Aspects of Industry (AAI)	Yes
Core Technical Standards	Yes
Employability Standards	Yes
Employability Standards	

<b>Source of Employability Standards</b>	Alaska
<b>Tech Prep</b>	
<b>Current Tech Prep Articulation Agreement? (Y/N)</b>	Yes
<b>Date of Current Agreement</b>	November 2012
<b>Postsecondary Institution Name</b>	UAF/Community & Technical College (CTC)
<b>Postsecondary Course Name</b>	Graphics and Multimedia for the Web
<b>Postsecondary Course Number</b>	CITS F221
<b>Number of Postsecondary Credits</b>	3 credits
<b>Author</b>	
<b>Course Developed By</b>	B. Johnson, P. Meritt
<b>Course Adapted From</b>	Graphic Design and Multimedia (Business Management Cluster)
<b>Date of Previous Course Revision</b>	May 6, 2006
<b>Course Delivery Model</b>	
<b>Is the course brokered through another institution or agency? (Y/N)</b>	No

## Standards Alignment

<b>Student Performance Standards (Learner Outcomes or Knowledge &amp; Skill Statements)</b>	<b>Specific Occupational Skills Standards</b>	<b>Common Core Technical Standards</b>	<b>New Alaska ENG/LA Standards</b>	<b>New Alaska Math Standards</b>	<b>Alaska Cultural Standards</b>	<b>Alaska Employability Standards</b>	<b>All Aspects of Industry/Systems</b>	<b>Assessments</b>
Students will demonstrate competency using industry-standard graphic design software in creating graphics and integrating them into a variety of multimedia.	AIGA 1.5; NASAD 1, 1.a; 3.c	IT-PRG 3-4	W.2a		B4	A2; B5	Tech/Prod	Student Projects
Students will prepare graphics and multimedia projects according to the principles of design and target audience.	AIGA 1, 3-4; NASAD 1; 2.b; 3.b, e	IT-WD 1-2, 6				A2; B5	Tech/Prod	Student Projects
Students will practice and develop presentation skills using multimedia aides.	AIGA 7; NASAD 4.a; 6	IT-WD 6	W.2a-b			A2; B5	Tech/Prod	Student Presentation
Students will use scanning and photography equipment to acquire pictures and graphics that can be edited and enhanced with graphic software.	AIGA 1, 5; NASAD 1.3; 3.d	IT-WD 2				A2; B5	Tech/Prod	Student Projects
Students will know the common file formats for graphic and images and the benefits and drawbacks of each.	AIGA 5, 8	IT-PRG 1				A2; B5	Tech/Prod	Quiz/Exam; Student Project
Students will develop a portfolio of their work.	NASAD 2.2		W.6			A2; B5	Tech/Prod	Student Portfolio
Students will read and follow multi-step directions to complete tasks.	AIGA 13		RT.3			A2; B5	Tech/Prod	Student Assignment
Students will demonstrate navigation and file management in a digital environment.	AIGA 5, 8	IT-PRG 1				A2; B5	Tech/Prod	Student Demonstration
Students will use help, reference and tutorial information included with the application and on the Internet to answer questions and to learn procedures.	AIGA 5; NASAD 3.a	IT-PRG 9	RT.7		D5	A2; B5	Tech/Prod	Student Projects
Students will practice time management and organizational skills.	AIGA 7; NASAD 3.f				C3	A1-2; B5	Tech/Prod	Student Demo
Students will apply appropriate written and verbal communication skills to digital work and interpersonal interactions and collaboration.	AIGA 2, 7, 9, 11; NASAD 3.f; 4.a.1; 6.2	IT-WD 10	W.1-2			A2; B5	Tech/Prod	Class Observation; Student Demonstration
Students will understand and follow the ethical and legal responsibilities of a digital citizen in a global society.	AIGA 3, 10, 12; NASAD 4.a.4	IT-WD 10 IT 4			A1, 6-7; B3; E3, 8	A1	Tech/Prod	Student Demonstration
Students will explore career opportunities.	NASAD 6.1				D6	A3	Work Habits	Research Project and/or Field Trip



# Graphic Design & Publishing\*

Course Information	
Course Name	GRAPHIC DESIGN & PUBLISHING
Course Number	CTEJ106
Grade(s)	10-12
Length	One Semester
Credit	0.5
Pre-requisites	None
Sequence or CTEPS (You must first have the Sequence or CTEPS entered into the system.)	Printing Technology (AR-PRT) or Visual Arts (AR-VIS)
Date of District Course Revision	Spring 2013
Career & Technical Student Organization (CTSO)	
CTSO Embedded in this Sequence	N/A
Occupational Standards	
Source of Occupational Standards	3. American Institute of Graphic Arts (AIGA) and Adobe ( <a href="http://www.aiga.org/designer-of-2015-competencies">www.aiga.org/designer-of-2015-competencies</a> ) 4. National Association of Schools of Art & Design (NASAD) Competencies Summary – Excerpted from the NASAD Standards Handbook ( <a href="http://aqresources.arts-accredit.org/site/docs/AQ-AD/BFA-GraphicDesign.pdf">http://aqresources.arts-accredit.org/site/docs/AQ-AD/BFA-GraphicDesign.pdf</a> )
Names/Numbers of Occupational Standards	3. 2009 4. 2012
Registration Information	
Course Description (brief paragraph – as shown in your student handbook or course list)	<i>Graphic Design &amp; Publishing</i> introduces students to using industry-standard graphic design software for publishing in a physical medium. After learning the basic tools and layout of the software, students will use critical thinking to complete practical, career-oriented projects as they integrate text, graphics and photos into professional publications. The course will also include a study of the relevant theories involved in modern graphic design.
Instructional Topic Headings (please separate each heading by a semi-colon)	Careers, work ethics, interpersonal communication, safety, following directions, computer use and etiquette, file types, file size, file management, design theory/principles of design, shapes, pictures, type, placement, manipulation, adjustments, filters, scanning and printing
Summative Assessments and Standards	
Technical Skills Assessment (TSA)	Adobe Certified Expert
Course Addresses	Yes
New Alaska ELA and Math Standards	Yes
Alaska Cultural Standards	Yes
All Aspects of Industry (AAI)	Yes
Core Technical Standards	Yes
Employability Standards	Yes
Employability Standards	

<b>Source of Employability Standards</b>	Alaska
<b>Tech Prep</b>	
<b>Current Tech Prep Articulation Agreement? (Y/N)</b>	Yes
<b>Date of Current Agreement</b>	November 2012
<b>Postsecondary Institution Name</b>	UAF/Community & Technical College (CTC)
<b>Postsecondary Course Name</b>	Desktop Publishing
<b>Postsecondary Course Number</b>	CIOS F233
<b>Number of Postsecondary Credits</b>	3 credits
<b>Author</b>	
<b>Course Developed By</b>	B. Johnson, P. Meritt
<b>Course Adapted From</b>	Graphic Design and Publishing (Business Management Cluster)
<b>Date of Previous Course Revision</b>	May 6, 2006
<b>Course Delivery Model</b>	
<b>Is the course brokered through another institution or agency? (Y/N)</b>	No

## Standards Alignment

Student Performance Standards (Learner Outcomes or Knowledge & Skill Statements)	Specific Occupational Skills Standards	Common Core Technical Standards	New Alaska ENG/LA Standards	New Alaska Math Standards	Alaska Cultural Standards	Alaska Employability Standards	All Aspects of Industry/Systems	Assessments
Students will demonstrate competency using industry-standard graphic design software in creating graphics, composites and layouts for a variety of print media.	AIGA 1, 5; NASAD 1.a.1; 3.c	IT-PRG 3, 4	W.2a		B4	A2; B5	Tech/Prod; Technology	Student Projects
Students will prepare design projects according to the principles of design and target audience.	AIGA 1, 3, 4; NASAD 1.2.b; 3.b; 3.e	IT-WD 1-2, 6				A2; B5	Tech/Prod; Technology	Student Projects
Students will use scanning and photography equipment to acquire pictures and graphics that can be edited and enhanced with graphic software.	AIGA 1, 5; NASAD 1.3, 3.d	IT-WD 4				A2	Tech/Prod; Technology	Student Projects
Students will learn the common file formats for graphics and images and the benefits and drawbacks of each.	AIGA 5, 8	IT-PRG 1				A2	Tech/Prod; Technology	Quiz/Exam; Student Project
Students will develop a portfolio of their work.	NASAD 2.2		W.6			B4	Tech/Prod	Student Portfolio
Students will read and follow multi-step directions to complete tasks.	AIGA 13		RT.3			A2	Tech/Prod	Student Assignment
Students will demonstrate navigation and file management in a digital environment.	AIGA 5, 8	IT-PRG 1				A2	Tech/Prod	Student Demonstration
Students will use help, reference and tutorial information included with the application and on the Internet to answer questions and to learn procedures.	AIGA 5; NASAD 3.a	IT-PRG 9	RT. 7		D5	A2	Tech/Prod	Student Projects
Students will practice time management and organizational skills.	AIGA 5; NASAD 3.f				C3	A1	Tech/Prod	Student Demonstration
Students will apply appropriate written and verbal communication skills to digital work and interpersonal interactions and collaboration.	AIGA 2, 7, 9, 11; NASAD 3.f; 4.a.1; 6.2	IT-WD 10	W.1-2			A1-2	Tech/Prod	Class Observation; Student Demonstration
Students will understand and follow the ethical and legal responsibilities of a digital citizen in a global society.	AIGA 3, 10, 12; NASAD 4.a.4	IT-WD 10			A1, 6-7; B3; E3, 8	A1	Tech/Prod	Student Demonstration
Students will explore career opportunities.	NASAD 6.1				D6	B5	Work Habits	Research Project and/or Field Trip

# Video Production 1A\*

Course Information	
Course Name	VIDEO PRODUCTION 1A
Course Number	CTEM101
Grade(s)	9-12
Length	One Semester
Credit	0.5
Pre-requisites	None
Sequence or CTEPS (You must first have the Sequence or CTEPS entered into the system.)	A/V Technology & Film Career Pathway (AR-AV), Video Production, Broadcast Journalism Pathway
Date of District Course Revision	Spring 2013
Career & Technical Student Organization (CTSO)	
CTSO Embedded in this Sequence	SkillsUSA
Occupational Standards	
Source of Occupational Standards	1. Video Production Model, California Based CTE Online: <a href="http://www.cteonline.org/portal/default/Curriculum/Viewer/Curriculum?action=2&amp;cmobjid=260(683">http://www.cteonline.org/portal/default/Curriculum/Viewer/Curriculum?action=2&amp;cmobjid=260(683</a> 2. National Workforce Center for Emerging Technology (NWCET) Digital Media: <a href="http://www.tssb.org/sites/default/files/wwwpages/repos/pdfiles/NWCETSkillStandards03.pdf">http://www.tssb.org/sites/default/files/wwwpages/repos/pdfiles/NWCETSkillStandards03.pdf</a> 3. Radio and Television Broadcast Programming, Florida Department of Education
Names/Numbers of Occupational Standards	1. 2010 2. 2003 3. 2012-2013
Registration Information	
Course Description (brief paragraph – as shown in your student handbook or course list)	<i>Video Production 1A</i> consists of extensive hands-on instruction in numerous aspects of video production. Students will view and critically analyze a variety of film and video productions and be able to identify their basic ingredients and how they shape and influence our society and culture. Preproduction techniques, including developing basic scripts and storyboards, will be developed. Production techniques, including the use of cameras in studio and field production, tripods, lights and microphones. Students will learn postproduction techniques, including non-linear editing, audio integration, title creation and visual effects. Self-motivation and good time management skills are important. Out-of-class work is required for some projects. Students will work alone and in small groups to produce progressively more sophisticated productions throughout the semester.
Instructional Topic Headings (please separate each heading by a semi-colon)	Preproduction Strategies, History of Video Production, Sound Recording, Work Habits/Time Management, Media Literacy, Career Opportunities, Camera Operation, Video Analysis, Ethics, Safety, Audience Identification, Technical Terms, Critical Thinking
Summative Assessments and Standards	
Technical Skills Assessment (TSA)	None
Course Addresses	Yes
New Alaska ELA and Math Standards	Yes

<b>Alaska Cultural Standards</b>	Yes
<b>All Aspects of Industry (AAI)</b>	Yes
<b>Core Technical Standards</b>	Yes
<b>Employability Standards</b>	Yes
<b>Employability Standards</b>	
<b>Source of Employability Standards</b>	Alaska
<b>Tech Prep</b>	
<b>Current Tech Prep Articulation Agreement? (Y/N)</b>	Yes
<b>Date of Current Agreement</b>	2012
<b>Postsecondary Institution Name</b>	UAF/Community & Technical College (CTC)
<b>Postsecondary Course Name</b>	Digital Video
<b>Postsecondary Course Number</b>	CiOS F257
<b>Number of Postsecondary Credits</b>	3 credits (upon completion of <i>Video Production 1A</i> and <i>1B</i> )
<b>Author</b>	
<b>Course Developed By</b>	P. Meritt
<b>Course Adapted From</b>	FNSBSD Career & Technical Education Curriculum
<b>Date of Previous Course Revision</b>	May 6, 2006
<b>Course Delivery Model</b>	
<b>Is the course brokered through another institution or agency? (Y/N)</b>	No

## Standards Alignment

Student Performance Standards (Learner Outcomes or Knowledge & Skill Statements)	Specific Occupational Skills Standards	Common Core Technical Standards	New Alaska ENG/LA Standards	New Alaska Math Standards	Alaska Cultural Standards	Alaska Employability Standards	All Aspects of Industry/Systems	Assessments
Students will demonstrate the ability to transfer academic knowledge and artistic principles to life and work situations through sharpened critical viewing and media literacy skills.	AME.A.A1.5.5.2, AME.B.B3.3.3.3	IT-WD 1 IT 1-2	RT.7		A1, 4, 6; E1	A2	Tech/Prod	Class Observation; Class Discussion
Students will identify career opportunities in filmmaking and video production and the required courses and training to prepare for those careers.	FDOE 15.14, 24.0; ELA.9-10.LS.2.2.d	AR.1, 4	RT.7		A1; E8	B1-2, 4-5	Tech/Prod	Research Project
Students will gain an understanding of the history and evolution of films, television programs and video productions, including how they shape and influence our society and culture through choice of characters, powerful images, advertising and programming.	AME.A.A1.5.5.2, AME.B.B3.3.3.3; NWCET C3	AR-AV.1	RT.7		A5, 7; B1-2; E5-7	A2	Community	Class Discussion; Research Project
Students will view and critically analyze a variety of film and video productions and be able to identify their basic ingredients, including moving and still images, music, narration, sound effects and titles.	FDOE 25.02	AR-AV.2	W.1b, 2a		A5, 7; B1-2; E5-7	A2	Tech/Prod	Class Discussion; Class Viewing
Students will demonstrate preproduction planning techniques, including developing basic scripts and storyboards.	NWCET B2	AR-AV.2, 3	W.2a-d		B1, 4; E3, 7-8	A2	Tech/Prod	Student Assignment; Technical Writing
Students will demonstrate the ability to correctly set up and operate field and studio cameras, wired and wireless microphones and tripods.	NWCET B6	AR-AV.2, 3			B4; D4	A2	Tech/Prod	Student Demo
Students will work effectively along and in small groups to produce, shoot and edit introductory-level video productions.	FDOE 1.0; NWCET B8, C7, D1	AR-AV.2-4			A3; C2; D4	A2, 5	Tech/Prod; Work Habits	Class Observation; Student Demonstration
Students will demonstrate the ability to incorporate titles, transitions, effects and still images in their productions.	FDOE 7.0	AR-AV.2-4			B1, 4; E3, 7-8	A2	Tech/Prod	Student Demonstration
Students will demonstrate the ability to record and edit narration, add music and adjust sound levels.	FDOE 8.0; AME.B.B4.2.4.3	AR-AV.2-4			D4	A2	Tech/Prod	Student Demonstration
Students will demonstrate ethical behaviors in what is written, spoken or depicted.	NWCET A6, 8; E2	AR.3	W.R.7-8		A4, 6; B3	A1	Work Habits	Student Demonstration
Students will demonstrate safety and efficiency in the use of materials, tools and equipment.	NWCET A8, B6	AR-AV.2			C3; D6	A6	Health/Safety	Student Demonstration
Students will develop time management skills and efficient work habits.	FDOE 15.09, 10; NWCET A2				B4; C3; D6	A1	Management; Work Habits	Class Observation; Student Demonstration

# Video Production 1B\*

Course Information	
Course Name	VIDEO PRODUCTION 1B
Course Number	CTEM102
Grade(s)	9-12
Length	One Semester
Credit	0.5
Pre-requisites	<i>Video Production 1A</i>
Sequence or CTEPS (You must first have the Sequence or CTEPS entered into the system.)	Film Career Pathway, Broadcast Journalism Pathway, Arts Audio Visual Communications, AV Technology & Film Career Pathway (AR-AV)
Date of District Course Revision	Spring 2013
Career & Technical Student Organization (CTSO)	
CTSO Embedded in this Sequence	SkillsUSA
Occupational Standards	
Source of Occupational Standards	4. Video Production Model, California Based CTE Online: <a href="http://www.cteonline.org/portal/default/Curriculum/Viewer/Curriculum?action=2&amp;cmobjid=260(683">http://www.cteonline.org/portal/default/Curriculum/Viewer/Curriculum?action=2&amp;cmobjid=260(683</a> 5. National Workforce Center for emerging Technology (NWCET) Digital Media: <a href="http://www.tssb.org/sites/default/files/wwwpages/repos/pdfiles/NWCETSkillStandards03.pdf">http://www.tssb.org/sites/default/files/wwwpages/repos/pdfiles/NWCETSkillStandards03.pdf</a> 6. Radio and Television Broadcast Programming, Florida Department of Education
Names/Numbers of Occupational Standards	4. 2010 5. 2003 6. 2012-2013
Registration Information	
Course Description (brief paragraph – as shown in your student handbook or course list)	<i>Video Production 1B</i> builds on skills mastered in <i>Video Productions 1A</i> . Students will work independently and in small groups to produce, direct, shoot and edit a variety of broadcast-quality video productions. Potential examples include instructional/how-to videos, music videos, dramas, documentaries and sport highlight videos. Productions should be produced for viewing with use of digital effect, character generators, scale and motion techniques and video and audio layering. Students will have contact with video professionals through guest speakers, field trips and/or job shadows. Out of class work is required on many projects. The course will culminate in a student's development of a digital portfolio featuring their best work from the semester.
Instructional Topic Headings (please separate each heading by a semi-colon)	Media Literacy, Career Opportunities, Work Habits/Time Management, Sound Mixing and Editing, Lighting, Advanced Camera Operation, Advanced Editing Techniques, Leadership and Directorial Techniques, Ethics, Safety, Technical Terms, Critical Thinking
Summative Assessments and Standards	
Technical Skills Assessment (TSA)	Adobe Certified Expert – Premiere Pro
Course Addresses	Yes
New Alaska ELA and Math Standards	Yes
Alaska Cultural Standards	Yes

<b>All Aspects of Industry (AAI)</b>	Yes
<b>Core Technical Standards</b>	Yes
<b>Employability Standards</b>	Yes
<b>Employability Standards</b>	
<b>Source of Employability Standards</b>	Alaska
<b>Tech Prep</b>	
<b>Current Tech Prep Articulation Agreement? (Y/N)</b>	Yes
<b>Date of Current Agreement</b>	2012
<b>Postsecondary Institution Name</b>	UAF/Community & Technical College (CTC)
<b>Postsecondary Course Name</b>	Digital Video
<b>Postsecondary Course Number</b>	CiOS 257
<b>Number of Postsecondary Credits</b>	3 credits (upon completion of <i>Video Production 1A</i> and <i>1B</i> )
<b>Author</b>	
<b>Course Developed By</b>	P. Meritt
<b>Course Adapted From</b>	FNSBSD Career & Technical Education Curriculum
<b>Date of Previous Course Revision</b>	May 6, 2006
<b>Course Delivery Model</b>	
<b>Is the course brokered through another institution or agency? (Y/N)</b>	No



## Standards Alignment

Student Performance Standards (Learner Outcomes or Knowledge & Skill Statements)	Specific Occupational Skills Standards	Common Core Technical Standards	New Alaska ENG/LA Standards	New Alaska Math Standards	Alaska Cultural Standards	Alaska Employability Standards	All Aspects of Industry/System s	Assessments
Students will demonstrate mastery of the skills introduced in <i>Video Production 1A</i> .	AME.A.A1.5.5.2, AME.B.B3.3.3.3	IT-WD 1 IT 1-2	RT.7		A1, 4, 6; E1	A1-2, 5-6	Tech/Prod	
Students will demonstrate ability to setup a complete shoot including multiple cameras (or pre-planned angles), lights, microphones and tripods.	FDOE 2.03; 3.04 NWCET B6, 8; C7, D1	AR-AV.2-4			B4	A2	Tech/Prod	Student Demonstration
Students will demonstrate an advanced knowledge of non-linear editing including layering, audio pacing and workflow management.	ELA.11.12.LS.OD OC.1.10	AR-AV.2-4	RT.3-4		C2; D4	A2	Tech/Prod	Student Demonstration
Students will demonstrate effective use of special effects including animated titling, color manipulation and time remapping.	FDOE 8.0; NWCET C3-4	AR-AV.2-4			C2	A2	Tech/Prod	Student Demonstration
Students will work independently and in small groups to produce a variety of broadcast quality productions (potentially including music videos, public service announcements, instructional documentaries, highlight videos, etc.) for a specified target audience.	NWCET A2, 8	AR-AV.2-4	W.2a-e W.4-6		A1, 3; C2; D4-5; E1, 3	A2, 5	Tech/Prod; Work Habits	Student Demonstration ; Class Demonstration
Students will interact with industry professionals as a means examining career expectations and opportunities.	FDOE 15.01, 02	AR.1, 3-5			C4	A3; B2	Labor; Work Habits	
Students will create a portfolio of their work that can be reproduced and distributed outside of the classroom.	AME.A.A1.2.2.2		W.2a-d W.5		D6	A3	Work Habits	
Students will develop an advanced understanding of set-location design.	NWCET A5	AR-AV.4	RT.4-5, 7-10		A4; B4; C4; D6; E2	A2	Tech/Prod	Student Demonstration
Students will use critical thinking and reasoning skills to identify problems and apply strategies to resolve them.	AME.A.A1.4.4.4; NWCET E5		RT.9		B3, 4; D5	A2	Tech/Prod	Student Demonstration
Students will create a user navigation system for at least one of their productions that includes menus and a chapter system.	AME.A.A2.3	AR-AV.4	W.4-5, 8			A2	Tech/Prod	Class Observation; Student Demonstration

# Yearbook Publications A/B<sup>†</sup>

Course Information	
Course Name	YEARBOOK PUBLICATIONS A/B
Course Number	CTEJX07/08
Grade(s)	10-12 (or Teacher Recommendation)
Length	Two Semesters
Credit	.5 per semester
Prerequisites	<i>Photography, Graphic Design, Computer Applications, Journalism and/or Technical Writing</i> are strongly suggested, but not required.
Sequence or CTEPS (You must first have the Sequence or CTEPS entered into the system.)	Arts, A-V Technology & Communications
Date of District Course Revision	Spring 2014
Career & Technical Student Organization (CTSO)	
CTSO Embedded in this Sequence	None
Occupational Standards	
Source of Occupational Standards	<ol style="list-style-type: none"> <li>1. Boulder Valley School District (BVSD): LE7 – Yearbook Curriculum Essentials Document (3/30/2012)</li> <li>2. City of Burlington Public School District (BPSD) Curriculum: Yearbook Practicum 1 (6/24/13)</li> </ol>
Names/Numbers of Occupational Standards	<ol style="list-style-type: none"> <li>1. BVSD (page 1-76)  <a href="http://www.bvbsd.org/curriculum/curriculumreview/Documents/CED%20Review%20-%20LA/High%20School%20-%20Electives/LE7%20LA.Yearbook.CED.pdf">http://www.bvbsd.org/curriculum/curriculumreview/Documents/CED%20Review%20-%20LA/High%20School%20-%20Electives/LE7%20LA.Yearbook.CED.pdf</a> </li> <li>2. BPSD (page 1-16)  <a href="http://www.burlington-nj.net/pdf/Curriculum/Grades%207%20through%2012%20Curriculum%20Index/English/Yearbook%20Practicum%20I.pdf">http://www.burlington-nj.net/pdf/Curriculum/Grades%207%20through%2012%20Curriculum%20Index/English/Yearbook%20Practicum%20I.pdf</a> </li> </ol>
Registration Information	
Course Description (brief paragraph – as shown in your student handbook or course list)	<i>Yearbook Publications A/B</i> will provide students experience in the methods of journalism including experience in design, preparation, production and finances of the school yearbook. Emphasis will be on scheduling and meeting deadlines, designing layouts, photography, copywriting. This course demands that students demonstrate initiative, accept responsibility, and work independently or as a team. As a participant in this class, students should expect to spend time outside of the normal day gathering material for the final product. This is a progressive skills course that can be repeated for credit with teacher recommendation.
Instructional Topic Headings (please separate each heading by a semi-colon)	Graphics; Layout; Financial Management; Photography; Ethics; Technical Writing; Advertising; Organization; Deadlines; Copywriting; Interviewing; Publishing Process; Images; Schedules; Principles of Design; Cooperation; Editing.
Summative Assessments and Standards	
Technical Skills Assessment (TSA)	None
Course Addresses	N/A
Alaska ELA and Math Standards	Yes
Alaska Cultural Standards	Yes
All Aspects of Industry (AAI)	Yes

<b>Core Technical Standards</b>	Yes
<b>Career Ready Practices</b>	Yes
<b>Employability Standards</b>	
<b>Source of Employability Standards</b>	Alaska
<b>Tech Prep</b>	
<b>Current Tech Prep Articulation Agreement? (Y/N)</b>	No
<b>Date of Current Agreement</b>	N/A
<b>Postsecondary Institution Name</b>	N/A
<b>Postsecondary Course Name</b>	N/A
<b>Postsecondary Course Number</b>	N/A
<b>Number of Postsecondary Credits</b>	N/A
<b>Author</b>	
<b>Course Developed By</b>	D. Job, P. Meritt
<b>Course Adapted From</b>	FNSBSD Curriculum
<b>Date of Previous Course Revision</b>	May 6, 2006
<b>Course Delivery Model</b>	
<b>Is the course brokered through another institution or agency? (Y/N)</b>	No

## Standards Alignment

Student Performance Standards (Learner Outcomes or Knowledge & Skill Statements)	Specific Occupational Skills Standards	Alaska ENG/LA Standards	Alaska Math Standards	Alaska Cultural Standards	Common Technical Core Standards	Career Ready Practices	All Aspects of Industry	Formative Assessments
Students will develop a production plan (including an outline or ladder) according to deadlines, technical requirements, and budget restrictions.					AR.1, 5; AR-PRT.1-3	2, 4, 8, 12	Business Plan	Ladder Document; Deadlines; Agreements; Pages Meet Technology Requirements
Students will develop a multi-faceted marketing plan to promote sales of books and ad pages to school students, parents, faculty, and local businesses.				B4	AR-PRT.1-3	2, 4, 8, 12	Business Plan	Created Marketing Media
Students will maintain accurate sale and business records.			MP 1, 5-6		AR-PRT.1-3	2, 11	Finance	Performance
Students will plan and implement the organized and accurate distribution of yearbooks.					AR-PRT.1-3	2, 8, 11	Business Plan	Performance
Students will use publishing, photo editing, word processing, and spreadsheet software to produce and compile information, pictures, and graphics.	BVSD: pages 63, 66	WHST.9-10.4, 6			AR-PRT.1-3	6, 11	Tech/Prod; Technology	Completed Pages
Students will operate the computer and related peripheral devices, including cameras, scanners, and printers.	BVSD: page 63				AR-PRT.1-3	6, 11	Tech/Prod; Technology	Performance
Students will create publishing-quality aesthetic layouts using relevant principles of design.	BVSD: page 66; BPSD: unit 2				AR-PRT.1-3	6, 8, 11	Tech/Prod	Completed Pages
Students will design artwork and size it appropriately.	BVSD: page 66				AR-PRT.1-3	6, 8, 11	Tech/Prod	Artwork/ Graphics on Completed Pages
Students will capture publishing-quality photographs, including action, candid, and composed shots and prepare those images for use on page layouts.	BVSD: page 66; BPSD: unit 6				AR-PRT.1-3	2, 6, 11	Tech/Prod; Technology	Photography on Completed Pages
Students will become proficient in writing clear, attention-catching captions, headlines, interviews, and copy (stories) through the use of the writing and revision process.	BVSD: page 48; BPSD: unit 7	WHST.9-10.4, 6			AR-PRT.1-3	2, 6, 11	Tech/Prod	Writing on Completed Pages
Students will demonstrate excellence in job skills, including the ability to follow a work schedule, meet deadlines, maintain an orderly work area, prioritize tasks, and maintain inventory.	BPSD: unit 1			B4; D5-6	AR-PRT.1-3	1, 4, 12	Work Habits	Performance
Students will exhibit professional manner, teamwork, and job procurement skills.	BVSD: page 23			B4; D5-6		1, 4, 12	Work Habits	Performance; Class Assignment
Students understand the meaning of ethical conduct in relation to what is printed, written, or spoken.	BVSD: page 51	RST.9-10.1, 9		A6; E4	AR-PRT.1-3; AR.4	1, 4, 9, 12	Work Habits	Class Discussion
Students understand publishing issues such as copyright and usage rights, including the legal consequences of infringement and know how to seek formal permission for use of copyrighted material.	BVSD: page 51; BPSD: unit 5	RST.9-10.1, 9			AR-PRT.1-3; AR.4	2, 9	Tech/Prod	Class Discussion

