Florida Department of Education
Curriculum Framework

Program Title: **Digital Video Production**
Program Type: **Career Preparatory**
Career Cluster: **Arts, A/V Technology and Communication**

	Secondary	**PSAV**
Program Number	8772400	I100240
CIP Number	0610010522	0610010522
Grade Level	9-12, 30, 31	30, 31
Standard Length	10 credits	1500 hours
Teacher Certification	TEC ELEC ¶ 7 ¶ G TV PRO TEC @7 G TEC ED 1 @ 2	TEC ELEC ¶ 7 ¶ G TV PRO TEC @7 G TEC ED 1 @ 2
CTSO	SkillsUSA	SkillsUSA
SOC Codes (all applicable)	27-4011 – Audio and Video Equipment Technicians 27-4031 – Camera Operators, Television, Video, and Motion Picture 27-4032 – Film and Video Editors 27-1014 – Multimedia Artists and Animators 27-4012 – Broadcast Technicians	27-4011 – Audio and Video Equipment Technicians 27-4031 – Camera Operators, Television, Video, and Motion Picture 27-4032 – Film and Video Editors 27-1014 – Multimedia Artists and Animators 27-4012 – Broadcast Technicians
Facility Code	245 http://www.fldoe.org/edfacil/sref.asp (State Requirements for Educational Facilities)	
Targeted Occupation List	http://www.labormarketinfo.com/wec/TargetOccupationList.htm	
Perkins Technical Skill Attainment Inventory	http://www.fldoe.org/workforce/perkins/perkins_resources.asp	
Industry Certifications	http://www.fldoe.org/workforce/fcpea/default.asp	
Statewide Articulation	http://www.fldoe.org/workforce/dwdframe/artic_frame.asp	
Basic Skills Level	N/A	Mathematics: 9 Language: 9 Reading: 9

Purpose

The purpose of this program is to prepare students for initial employment as production assistants, audio/video equipment technician, video/TV camera operators, video editors, multi-media artists/animators and broadcast technicians.

The content should include, but is not be limited to, communication skills; leadership skills; human relations and employability skills; safe and efficient work practices; and preparation to assume responsibility for overall production of digital video activities including: scripts, lighting, camera operation, electronic news gathering, field/studio production, and video editing.

All outcomes must be completed to receive credit for an occupational completion point (OCP). Listed below are the courses that comprise this program when offered at the secondary level.

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Arts, A/V Technology and Communication career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Arts, A/V Technology and Communication career cluster.

Program Structure

This program is a planned sequence of instruction consisting of six occupational completion points.

When offered at the postsecondary level, this program is comprised of courses which have been assigned course numbers in the SCNS (Statewide Course Numbering System) in accordance with Section 1007.24 (1), F.S. Career and Technical credit shall be awarded to the student on a transcript in accordance with Section 1001.44 (3)(b), F.S.

The following table illustrates the **PSAV** program structure:

A	RTT0530	Digital Video Fundamentals	150 hours	27-4011
B	RTT0531	Audio and Video Equipment Technician	150 hours	27-4011
C	RTT0532	Camera Operator	300 hours	27-4031
D	RTT0533	Video Editor	300 hours	27-4032
E	RTT0534	Multi-media Artist and Animator	300 hours	27-1014
F	RTT0525	Broadcast Technician	300 hours	27-4012

The following table illustrates the **Secondary** program structure:

A	8772410	Digital Video Production 1	1 credit	27-4011	3
B	8772420	Digital Video Production 2	1 credit	27-4011	3
	8772430	Digital Video Production 3	1 credit		3
C	8772440	Digital Video Production 4	1 credit	27-4031	3
	8772450	Digital Video Production 5	1 credit		3
D	8772460	Digital Video Production 6	1 credit	27-4032	3
	8772470	Digital Video Production 7	1 credit		2
E	8772480	Digital Video Production 8	1 credit	27-1014	2
	8772490	Digital Video Production 9	1 credit		2
F	8772491	Digital Video Production 10	1 credit	27-4012	2

Laboratory Activities

Laboratory activities are an integral part of this program. These activities include instruction in

the use of safety procedures, tools, equipment, materials, and processes related to these occupations. Equipment and supplies should be provided to enhance hands-on experiences for students.

Special Notes

Academic Alignment

Some or all of the courses in this program have been aligned to the Next Generation Sunshine State Standards contained in specific science core academic courses. Pending full implementation of the Common Core State Standards for Mathematics, some or all of the courses in this program will be aligned to specific math core academic courses. The table below contains the results of the alignment efforts. Data shown in the table includes the number of academic standards in the CTE course, the total number of math and science standards contained in the academic course, and the percentage of alignment to the CTE course. The following academic courses were included in the alignment (see code for use in table).

Math	Algebra 1 (ALG1) Algebra 2 (ALG2) Geometry (GEO)
Science	Anatomy/Physiology Honors (APH) Astronomy Solar/Galactic Honors (ASGH) Biology 1 (BIO1) Chemistry 1 (CHM1) Earth-Space Science (ESS) Genetics (GEN) Marine Science 1 Honors (MS1H) Physical Science (PS) Physics 1 (PHY1)

Course				ALG 1	ALG 2	GEO	APH	ASGH	BIO 1	CHM1	ESS	GEN	MS1H	PS	PHY1
Digital Video Production 1				^^	^^	^^	#	#	7/56 13%	7/55 13%	#	#	#	7/56 13%	7/53 13%
Digital Video Production 2				^^	^^	^^	1/53 2%	#	5/56 9%	3/55 5%	#	#	#	5/56 9%	#
Digital Video Production 3				^^	^^	^^	#	#	1/56 2%	4/55 7%	#	#	#	4/56 7%	3/53 6%
Digital Video Production 4				^^	^^	^^	1/53 2%	#	1/56 2%	2/55 4/%	#	#	#	2/56 4%	#
Digital Video Production 5				^^	^^	^^	2/53 4%	#	#	#	#	#	#	#	#
Digital Video Production 6				^^	^^	^^	#	#	1/56 2%	155 2/%	#	#	#	1/56 2%	#

Digital Video Production 7	^^	^^	^^	#	#	1/56 2%	155 2/%	#	#	#	1/5 6 2%	#
Digital Video Production 8	^^	^^	^^	#	#	1/56 2%	1/55 2/%	#	#	#	4/5 6 7%	3/53 6%
Digital Video Production 9	^^	^^	^^	#	#	1/56 2%	1/55 2/%	#	#	#	1/5 6 2%	1/53 2%
Digital Video Production 10	^^	^^	^^	#	#	#	#	#	#	#	#	#

^^   Alignment pending full implementation of the Common Core State Standards for Mathematics.

**   Alignment pending review

\#   Alignment attempted, but no correlation to academic course.

Career and Technical Student Organization (CTSO)

SkillsUSA, Inc. is the appropriate career and technical student organization for providing leadership training and reinforcing specific career and technical skills. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered. The activities of such organizations are defined as part of the curriculum in accordance with Rule 6A-6.065, F.A.C. The activities of such organizations are defined as part of the curriculum in accordance with Rule 6A-6.065, F.A.C. Other organizations provide leadership training and support for this program, examples include: Student Television Network (STN), Technology Student Association (TSA), the Florida Scholastic Press Association, and district film competitions/festivals

Cooperative Training – OJT

On-the-job training is appropriate but not required for this program. Whenever offered, the rules, guidelines, and requirements specified in the OJT framework apply.

Essential Skills

Essential skills identified by the Division of Career and Adult Education have been integrated into the standards and benchmarks of this program. These skills represent the general knowledge and skills considered by industry to be essential for success in careers across all career clusters. Students preparing for a career served by this program at any level should be able to demonstrate these skills in the context of this program. A complete list of Essential Skills and links to instructional resources in support of these Essential Skills are published on the CTE Essential Skills page of the FL-DOE website (http://www.fldoe.org/workforce/dwdframe/ essential_skills.asp).

Basic Skills

In PSAV programs offered for 450 hours or more, in accordance with Rule 6A-10.040, F.A.C., the minimum basic skills grade levels required for postsecondary adult career and technical students to complete this program are: Mathematics 9, Language 9, and Reading 9. These grade level numbers correspond to a grade equivalent score obtained on a state designated basic skills examination.

Adult students with disabilities, as defined in Section 1004.02(7), Florida Statutes, may be

exempted from meeting the Basic Skills requirements (Rule 6A-10.040). Students served in exceptional student education (except gifted) as defined in s. 1003.01(3)(a), F.S., may also be exempted from meeting the Basic Skills requirement. Each school district and Florida College must adopt a policy addressing procedures for exempting eligible students with disabilities from the Basic Skills requirement as permitted in Section 1004.91(3), F.S.

Students who possess a college degree at the Associate of Applied Science level or higher; who have completed or are exempt from the college entry-level examination; or who have passed a state, national, or industry licensure exam are exempt from meeting the Basic Skills requirement (Rule 6A-10.040, F.A.C.) Exemptions from state, national or industry licensure are limited to the certifications listed at http://www.fldoe.org/workforce/dwdframe/rtf/basicskills-License-exempt.rtf.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities as identified on the secondary student's IEP or 504 plan or postsecondary student's accommodations' plan to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

In addition to accommodations, some secondary students with disabilities (students with an Individual Educational Plan (IEP) served in Exceptional Student Education or ESE) will need modifications to meet their needs. Modifications change the outcomes or what the student is expected to learn, e.g., modifying the curriculum of a secondary career and technical education course. Note postsecondary curriculum cannot be modified.

Some secondary students with disabilities (ESE) may need additional time (i.e., longer than the regular school year), to master the student performance standards associated with a regular Occupational Completion Point (OCP) or a Modified Occupational Completion Point (MOCP). If needed, a student may enroll in the same career and technical course more than once. Documentation should be included in the IEP that clearly indicates that it is anticipated that the student may need an additional year to complete an OCP/MOCP. The student should work on different competencies and new applications of competencies each year toward completion of the OCP/MOCP. After achieving the competencies identified for the year, the student earns credit for the course. It is important to ensure that credits earned by students are reported accurately. The district's information system must be designed to accept multiple credits for the same course number (for eligible students with disabilities).

Articulation

The PSAV component of this program has no statewide articulation agreement approved by the Florida State Board of Education. However, this does not preclude the awarding of credits by any college through local agreements.

For details on statewide articulation agreements which correlate to programs and industry certifications, refer to http://www.fldoe.org/workforce/dwdframe/artic_frame.asp.

Bright Futures/Gold Seal Scholarship

Course substitutions as defined in the Comprehensive Course Table for this program area may be used to qualify a student for Florida's Gold Seal Vocational Scholarship, providing all other eligibility requirements are met. Eligibility requirements are available online at https://www.osfaffelp.org/bfiehs/fnbpcm02_CCTMain.aspx.

Fine Arts/Practical Arts Credit

Many courses in CTE programs meet the Fine Arts/Practical Arts credit for high school graduation. A listing of approved CTE courses is published each year as a supplemental resource to the Course Code Directory (http://www.fldoe.org/articulation/CCD/default.asp).

Standards

After successfully completing this program, the student will be able to perform the following:

01.0   Demonstrate safe and efficient work practices.
02.0   Develop a project proposal and script.
03.0   Generate a production schedule.
04.0   Plan a production set.
05.0   Create appropriate lighting for location and/or set productions.
06.0   Operate a video camera.
07.0   Shoot studio and/or location footage.
08.0   Record, mix and edit audio resources.
09.0   Operate control room equipment.
10.0   Organize and edit video resources.
11.0   Design and generate graphic elements.
12.0   Plan, coordinate and manage a video or webcast production.
13.0   Demonstrate mathematics knowledge and skills.
14.0   Demonstrate science knowledge and skills.
15.0   Explain the importance of employability and entrepreneurship skills.
16.0   Use oral and written communication skills in creating, expressing and interpreting information and ideas.
17.0   Demonstrate language arts knowledge and skills.
18.0   Solve problems using critical thinking skills, creativity and innovation.
19.0   Demonstrate the importance of health, safety, and environmental management systems in organizations and their importance to organizational performance and regulatory compliance.
20.0   Use information technology tools.
21.0   Describe the importance of professional ethics and legal responsibilities.
22.0   Demonstrate personal money-management concepts, procedures, and strategies.
23.0   Describe the roles within teams, work units, departments, organizations, inter-organizational systems, and the larger environment.
24.0   Demonstrate leadership and teamwork skills needed to accomplish team goals and objectives.

Florida Department of Education
Student Performance Standards

Program Title: **Digital Video Production**
PSAV Number: **I100240**

Course Number: RTT0530
Occupational Completion Point: A
Digital Video Fundamentals – 150 Hours – SOC Code 27-4011

01.0 <u>Demonstrate safe and efficient work practices</u>--The student will be able to:

01.01 Follow industry safety rules, regulations and policies.
01.02 Demonstrate proper handling of hazardous materials.
01.03 Demonstrate awareness of appropriate ergonomics.
01.04 Demonstrate proper care of equipment.
01.05 Demonstrate appropriate use of equipment in an efficient manner.

04.0 <u>Plan a production set</u>--The student will be able to:

04.01 Define set requirements for program type.
04.02 Define needed prop, costume and other resources.
04.03 Acquire appropriate locations for segment type.

05.0 <u>Create appropriate lighting for location and/or set productions</u>--The student will be able to:

05.01 Determine appropriate lighting needs for production settings.
05.02 Identify locations and studio lighting types, method of use and application.
05.03 Use lighting equipment according to industry safety standards.
05.04 Define light quality in terms of intensity, color, direction and characteristics.

06.0 <u>Operate a video camera</u>--The student will be able to:

06.01 Use current industry standard production video equipment.
06.02 Operate camera in studio and location (field) production environments.

08.0 <u>Record, mix and edit audio resources</u>--The student will be able to:

08.01 Identify and select microphones for production needs.
08.02 Determine optimal microphone placement.
08.03 Establish appropriate recording conditions.

09.0 <u>Operate control room equipment</u>--The student will be able to:

09.01 Define control room functions in a production.

10.0 <u>Organize and edit video resources</u>--The student will be able to:

10.01 Log and organize video resources.
10.02 Input video resources into post-production equipment and workflow.

13.0 <u>Demonstrate mathematics knowledge and skills</u>--The students will be able to: AF3.0

14.01 Demonstrate knowledge of arithmetic operations. AF3.2
14.02 Analyze and apply data and measurements to solve problems and interpret documents. AF3.4
14.03 Construct charts/tables/graphs using functions and data. AF3.5

14.0 <u>Demonstrate science knowledge and skills</u>--The students will be able to: AF4.0

14.01 Discuss the role of creativity in constructing scientific questions, methods and explanations. AF4.1
14.02 Formulate scientifically investigable questions, construct investigations, collect and evaluate data, and develop scientific recommendations based on findings. AF4.3

17.0 <u>Demonstrate language arts knowledge and skills</u>--The students will be able to: AF2.0

17.01 Locate, comprehend and evaluate key elements of oral and written information. AF2.4
17.02 Draft, revise, and edit written documents using correct grammar, punctuation and vocabulary. AF2.5
17.03 Present information formally and informally for specific purposes and audiences. AF2.9

18.0 <u>Solve problems using critical thinking skills, creativity and innovation</u>--The students will be able to:

18.01 Employ critical thinking skills independently and in teams to solve problems and make decisions. PS1.0
18.02 Employ critical thinking and interpersonal skills to resolve conflicts. PS2.0
18.03 Identify and document workplace performance goals and monitor progress toward those goals. PS3.0
18.04 Conduct technical research to gather information necessary for decision-making. PS4.0

19.0 <u>Demonstrate the importance of health, safety, and environmental management systems in organizations and their importance to organizational performance and regulatory compliance</u>--The students will be able to:

19.01 Describe personal and jobsite safety rules and regulations that maintain safe and healthy work environments. SHE1.0
19.02 Explain emergency procedures to follow in response to workplace accidents.
19.03 Create a disaster and/or emergency response plan. SHE2.0

23.0 <u>Describe the roles within teams, work units, departments, organizations, inter-organizational systems, and the larger environment</u>--The students will be able to:

23.01 Describe the nature and types of business organizations. SY1.0
23.02 Explain the effect of key organizational systems on performance and quality.
23.03 List and describe quality control systems and/or practices common to the workplace. SY2.0
23.04 Explain the impact of the global economy on business organizations.

24.0 <u>Demonstrate leadership and teamwork skills needed to accomplish team goals and objectives</u>--The students will be able to:

24.01 Employ leadership skills to accomplish organizational goals and objectives. LT1.0
24.02 Establish and maintain effective working relationships with others in order to accomplish objectives and tasks. LT3.0
24.03 Conduct and participate in meetings to accomplish work tasks. LT4.0
24.04 Employ mentoring skills to inspire and teach others. LT5.0

Course Number: RTT0531
Occupational Completion Point: B
Audio and Video Equipment Technician – 150 Hours – SOC 27-4011

01.0 <u>Demonstrate safe and efficient work practices</u>--The student will be able to:

01.01 Follow industry safety rules, regulations and policies.
01.02 Demonstrate proper handling of hazardous materials.
01.03 Demonstrate awareness of appropriate ergonomics.
01.04 Demonstrate proper care of equipment.
01.05 Demonstrate appropriate use of equipment in an efficient manner.

03.0 <u>Generate a production schedule</u>--The student will be able to:

03.01 Define the segment or program type.
03.02 Identify production resources needed.

05.0 <u>Create appropriate lighting for location and/or set productions</u>--The student will be able to:

05.01 Determine appropriate lighting needs for production settings.
05.02 Identify locations and studio lighting types, method of use and application.
05.03 Use lighting equipment according to industry safety standards.
05.05 Light a location set with ambient/available and supplemental lighting.

06.0 <u>Operate a video camera</u>--The student will be able to:

06.01 Use current industry standard production video equipment.
06.02 Operate camera in studio and location (field) production environments.

08.0 <u>Record, mix and edit audio resources</u>--The student will be able to:

08.01 Identify and select microphones for production needs.
08.02 Determine optimal microphone placement.
08.03 Establish appropriate recording conditions.
08.04 Set up audio recording equipment.
08.05 Perform appropriate pre-production check of production equipment.
08.06 Record location sound.
08.07 Record studio live sound.

09.0 <u>Operate control room equipment</u>--The student will be able to:

09.01 Define control room functions in a production.
09.02 Use the audio console (mixer) in a production.
09.03 Operate camera switching and traffic control equipment.

10.0   Organize and edit video resources--The student will be able to:

10.01   Log and organize video resources.
10.02   Input video resources into post-production equipment and workflow.
10.03   Operate editing hardware and software.
10.04   Perform assemble edits for appropriate effect.
10.05   Perform insert edits for appropriate effect.

16.0   Use oral and written communication skills in creating, expressing and interpreting information and ideas--The students will be able to:

16.01   Select and employ appropriate communication concepts and strategies to enhance oral and written communication in the workplace. CM1.0
16.02   Locate, organize and reference written information from various sources. CM3.0
16.03   Design, develop and deliver formal and informal presentations using appropriate media to engage and inform diverse audiences. CM5.0
16.04   Interpret verbal and nonverbal cues/behaviors that enhance communication. CM6.0
16.05   Apply active listening skills to obtain and clarify information. CM7.0
16.06   Develop and interpret tables and charts to support written and oral communications. CM8.0
16.07   Exhibit public relations skills that aid in achieving customer satisfaction. CM10.0

20.0   Use information technology tools--The students will be able to:

20.01   Use personal information management (PIM) applications to increase workplace efficiency. IT1.0
20.02   Employ technological tools to expedite workflow including word processing, databases, reports, spreadsheets, multimedia presentations, electronic calendar, contacts, email, and internet applications. IT2.0
20.03   Employ computer operations applications to access, create, manage, integrate, and store information. IT3.0
20.04   Employ collaborative/groupware applications to facilitate group work. IT4.0

21.0   Describe the importance of professional ethics and legal responsibilities--The students will be able to:

21.01   Evaluate and justify decisions based on ethical reasoning. ELR1.0
21.02   Evaluate alternative responses to workplace situations based on personal, professional, ethical, legal responsibilities, and employer policies. ELR1.1
21.03   Identify and explain personal and long-term consequences of unethical or illegal behaviors in the workplace. ELR1.2
21.04   Interpret and explain written organizational policies and procedures. ELR2.0

22.0   Demonstrate personal money-management concepts, procedures, and strategies--The students will be able to:

22.01   Identify and describe the services and legal responsibilities of financial institutions. FL2.0
22.02   Describe the effect of money management on personal and career goals. FL3.0
22.03   Develop a personal budget and financial goals. FL3.1
22.04   Complete financial instruments for making deposits and withdrawals. FL3.2
22.05   Maintain financial records. FL3.3
22.06   Read and reconcile financial statements. FL3.4

22.07   Research, compare and contrast investment opportunities.

23.0   Describe the roles within teams, work units, departments, organizations, inter-organizational systems, and the larger environment--The students will be able to:

23.01   Describe the nature and types of business organizations. SY1.0
23.02   Explain the effect of key organizational systems on performance and quality.
23.03   List and describe quality control systems and/or practices common to the workplace. SY2.0
23.04   Explain the impact of the global economy on business organizations

24.0   Demonstrate leadership and teamwork skills needed to accomplish team goals and objectives--The students will be able to:

24.01   Employ leadership skills to accomplish organizational goals and objectives. LT1.0
24.02   Establish and maintain effective working relationships with others in order to accomplish objectives and tasks. LT3.0
24.03   Conduct and participate in meetings to accomplish work tasks. LT4.0
24.04   Employ mentoring skills to inspire and teach others. LT5.0

Course Number: RTT0532
Occupational Completion Point: C
Camera Operator – 300 Hours -- SOC 27-4031

01.0   Demonstrate safe and efficient work practices--The student will be able to:

01.01   Follow industry safety rules, regulations and policies.
01.02   Demonstrate proper handling of hazardous materials.
01.03   Demonstrate awareness of appropriate ergonomics.
01.04   Demonstrate proper care of equipment.
01.05   Demonstrate appropriate use of equipment in an efficient manner.

05.0   Create appropriate lighting for location and/or set productions--The student will be able to:

05.01   Determine appropriate lighting needs for production settings.
05.02   Identify locations and studio lighting types, method of use and application.
05.03   Use lighting equipment according to industry safety standards.
05.06   Use lighting for effect to control mood and impact in production settings.

06.0   Operate a video camera--The student will be able to:

06.01   Use current industry standard production video equipment.
06.02   Operate camera in studio and location (field) production environments.
06.03   Align camera for studio production.
06.04   Demonstrate appropriate framing for both SDTV and HDTV.

07.0   Shoot studio and/or location footage--The student will be able to:

07.01   Plan a shot to obtain required action/footage.
07.02   Demonstrate appropriate shot sequences, transitions and post production (edit) effects.
07.03   Control camera movement to obtain required effects.

07.04   Control lens, focal length, aperture and exposure to obtain required effects.
07.05   Set up camera and recording equipment sequence.

08.0   Record, mix and edit audio resources--The student will be able to:

08.05   Perform appropriate pre-production checks of equipment function.
08.06   Record location sound.
08.07   Record studio live sound.
08.08   Perform basic routine, preventative and repair maintenance on video equipment.
08.09   Define the various recording formats and media.
08.10   Define appropriate digital compression and signal (file) types.

10.0   Organize and edit video resources--The student will be able to:
10.01   Log and organize video resources.
10.02   Input video resources into post-production equipment and workflow.

23.0   Describe the roles within teams, work units, departments, organizations, inter-organizational systems, and the larger environment--The students will be able to:

23.01   Describe the nature and types of business organizations. SY1.0
23.02   Explain the effect of key organizational systems on performance and quality.
23.03   List and describe quality control systems and/or practices common to the workplace. SY2.0
23.04   Explain the impact of the global economy on business organizations

24.0   Demonstrate leadership and teamwork skills needed to accomplish team goals and objectives--The students will be able to:

24.01   Employ leadership skills to accomplish organizational goals and objectives. LT1.0
24.02   Establish and maintain effective working relationships with others in order to accomplish objectives and tasks. LT3.0
24.03   Conduct and participate in meetings to accomplish work tasks. LT4.0
24.04   Employ mentoring skills to inspire and teach others. LT5.0

Course Number: RTT0533
Occupational Completion Point: D
Video Editor – 300 Hours – SOC 27-4032

01.0   Demonstrate safe and efficient work practices--The student will be able to:

01.01   Follow industry safety rules, regulations and policies.
01.02   Demonstrate proper handling of hazardous materials.
01.03   Demonstrate awareness of appropriate ergonomics.
01.04   Demonstrate proper care of equipment.
01.05   Demonstrate appropriate use of equipment in an efficient manner.

03.0   Generate a production schedule--The student will be able to:

03.01   Define the segment or program type.

05.0   Create appropriate lighting for location and/or set productions--The student will be able to:

05.03 Use lighting equipment according to industry safety standards.

08.0 <u>Record, mix and edit audio resources</u>--The student will be able to:

08.11 Perform sound edits and enhancements.

10.0 <u>Organize and edit video resources</u>--The student will be able to:

10.01 Log and organize video resources.
10.02 Input video resources into post-production equipment and workflow.
10.03 Operate editing hardware and software.
10.04 Perform assemble edits for appropriate effect.
10.05 Perform insert edits for appropriate effect.
10.06 Maintain continuity and production values.
10.07 Mix audio and video resources for final cut.
10.08 Apply color correction to video footage.
10.09 Demonstrate ability to edit in both SDTV and HDTV.

23.0 <u>Describe the roles within teams, work units, departments, organizations, inter-organizational systems, and the larger environment</u>--The students will be able to:

23.01 Describe the nature and types of business organizations. SY1.0
23.02 Explain the effect of key organizational systems on performance and quality.
23.03 List and describe quality control systems and/or practices common to the workplace. SY2.0
23.04 Explain the impact of the global economy on business organizations

24.0 <u>Demonstrate leadership and teamwork skills needed to accomplish team goals and objectives</u>--The students will be able to:

24.01 Employ leadership skills to accomplish organizational goals and objectives. LT1.0
24.02 Establish and maintain effective working relationships with others in order to accomplish objectives and tasks. LT3.0
24.03 Conduct and participate in meetings to accomplish work tasks. LT4.0
24.04 Employ mentoring skills to inspire and teach others. LT5.0

Course Number: RTT0534
Occupational Completion Point: E
Multi-Media Artist and Animator – 300 Hours – SOC 27-1014

01.0 <u>Demonstrate safe and efficient work practices</u>--The student will be able to:

01.01 Follow industry safety rules, regulations and policies.
01.02 Demonstrate proper handling of hazardous materials.
01.03 Demonstrate awareness of appropriate ergonomics.
01.04 Demonstrate proper care of equipment.
01.05 Demonstrate appropriate use of equipment in an efficient manner.

03.0 <u>Generate a production schedule</u>--The student will be able to:

03.01 Define the segment or program type.

10.0 <u>Organize and edit video resources</u>--The student will be able to:

10.01 Log and organize video resources.
10.02 Input video resources into post-production equipment and workflow.
10.03 Operate editing hardware and software.
10.04 Perform assemble edits for appropriate effect.
10.05 Perform insert edits for appropriate effect.
10.06 Maintain continuity and production values.
10.07 Mix audio and video resources for final cut.
10.08 Apply color correction to video footage.
10.10 Transfer finished edit to other media for distribution or archiving.

11.0 Design and generate graphic elements--The student will be able to:

11.01 Determine the graphic requirements for a production.
11.02 Operate graphic production software.
11.03 Produce broadcast graphic elements for titling, credits and graphic transitions.
11.04 Determine the special effects need for a production.
11.05 Set up and operate character generator equipment and software.
11.06 Generate appropriate special effects and animated elements for a production.
11.07 Demonstrate an understanding of graphic image types, file formats, and technical requirements for a production.
11.08 Use image editing (bit mapped) software.
11.09 Edit graphics into the program or segment.
11.10 Demonstrate an ability to use type, color, composition and graphic elements for a specific production effect.
11.11 Demonstrate an ability to use different aspect ratios as needed for SDTV and HDTV.

23.0 Describe the roles within teams, work units, departments, organizations, inter-organizational systems, and the larger environment--The students will be able to:

23.01 Describe the nature and types of business organizations. SY1.0
23.02 Explain the effect of key organizational systems on performance and quality.
23.03 List and describe quality control systems and/or practices common to the workplace. SY2.0
23.04 Explain the impact of the global economy on business organizations.

24.0 Demonstrate leadership and teamwork skills needed to accomplish team goals and objectives--The students will be able to:

24.01 Employ leadership skills to accomplish organizational goals and objectives. LT1.0
24.02 Establish and maintain effective working relationships with others in order to accomplish objectives and tasks. LT3.0
24.03 Conduct and participate in meetings to accomplish work tasks. LT4.0
24.04 Employ mentoring skills to inspire and teach others. LT5.0

Course Number: RTT0525
Occupational Completion Point: F
Broadcast Technician – 300 Hours – SOC 27-4012

01.0 Demonstrate safe and efficient work practices--The student will be able to:

01.01 Follow industry safety rules, regulations and policies.

01.02   Demonstrate proper handling of hazardous materials.
01.03   Demonstrate awareness of appropriate ergonomics.
01.04   Demonstrate proper care of equipment.
01.05   Demonstrate appropriate use of equipment in an efficient manner.

02.0   Develop a project proposal and script--The student will be able to:

02.01   Identify a project goal.
02.02   Write a production script.
02.03   Develop a story-board from a script.

03.0   Generate a production schedule--The student will be able to:

03.01   Define the segment or program type.
03.02   Identify production resources needed.
03.03   Establish viable production time frame targets.

05.0   Create appropriate lighting for location and/or set productions--The student will be able to:

05.07   Use studio lighting master control equipment.

06.0   Operate a video camera--The student will be able to:

06.05   Operate (CCU) Camera Control Unit.

09.0   Operate control room equipment--The student will be able to:

09.04   Use vision control equipment.
09.05   Operate routing switcher for production and tape dubs.

10.0   Organize and edit video resources--The student will be able to:

10.01   Log and organize video resources.
10.02   Input video resources into post-production equipment and workflow.

12.0   Plan, coordinate and manage a video or web cast production--The student will be able to:

12.01   Define the program/segment format and market.
12.02   Present a project proposal and script for approval.
12.03   Develop a production schedule.
12.04   Manage crew and staff during pre-planning and production.
12.05   Determine post-production requirements.
12.06   Coordinate post-production activities.
12.07   Direct final production values.
12.08   Archive and manage finished assets and originals.
12.09   Oversee broadcast/distribution to market.
12.10   Explain the techniques and procedures of web hosts, portals, television broadcast and cable networks, syndication and public broadcasters.

15.0   Explain the importance of employability and entrepreneurship skills--The students will be able to:

15.01 Identify and demonstrate positive work behaviors needed to be employable. ECD1.0
15.02 Develop personal career plan that includes goals, objectives, and strategies. ECD2.0
15.03 Examine licensing, certification, and industry credentialing requirements. ECD3.0
15.04 Maintain a career portfolio to document knowledge, skills, and experience. ECD5.0
15.05 Evaluate and compare employment opportunities that match career goals. ECD6.0
15.06 Identify and exhibit traits for retaining employment. ECD7.0
15.07 Identify opportunities and research requirements for career advancement. ECD8.0
15.08 Research the benefits of ongoing professional development. ECD9.0
15.09 Examine and describe entrepreneurship opportunities as a career planning option. ECD10.0

23.0 <u>Describe the roles within teams, work units, departments, organizations, inter-organizational systems, and the larger environment</u>--The students will be able to:

23.01 Describe the nature and types of business organizations. SY1.0
23.02 Explain the effect of key organizational systems on performance and quality.
23.03 List and describe quality control systems and/or practices common to the workplace. SY2.0
23.04 Explain the impact of the global economy on business organizations.

24.0 <u>Demonstrate leadership and teamwork skills needed to accomplish team goals and objectives</u>--The students will be able to:

24.01 Employ leadership skills to accomplish organizational goals and objectives. LT1.0
24.02 Establish and maintain effective working relationships with others in order to accomplish objectives and tasks. LT3.0
24.03 Conduct and participate in meetings to accomplish work tasks. LT4.0
24.04 Employ mentoring skills to inspire and teach others. LT5.0

05.01 Determine appropriate lighting needs for production settings.
05.02 Identify locations and studio lighting types, method of use and application.
05.03 Use lighting equipment according to industry safety standards.
05.04 Define light quality in terms of intensity, color, direction and characteristics.

06.0 Operate a video camera--The student will be able to:

06.01 Use current industry standard production video equipment.
06.02 Operate camera in studio and location (field) production environments.

08.0 Record, mix and edit audio resources--The student will be able to:

08.01 Identify and select microphones for production needs.
08.02 Determine optimal microphone placement.
08.03 Establish appropriate recording conditions.

09.0 Operate control room equipment--The student will be able to:

This standard supports the following Next Generation Sunshine State Standards: SC.912.N.1.2

09.01 Define control room functions in a production.

10.0 Organize and edit video resources--The student will be able to:

This standard supports the following Next Generation Sunshine State Standards: SC.912.N.1.4

10.01 Log and organize video resources.
10.02 Input video resources into post-production equipment and workflow.

13.0 Demonstrate mathematics knowledge and skills--The students will be able to:

This standard supports the following Common Core State Standards and Next Generation Sunshine State Standards: MACC.912.S-IC.2;

13.01 Demonstrate knowledge of arithmetic operations.
13.02 Analyze and apply data and measurements to solve problems and interpret documents.
13.03 Construct charts/tables/graphs using functions and data.

14.0 Demonstrate science knowledge and skills--The students will be able to: AF4.0

This standard supports the following Next Generation Sunshine State Standards:

14.01 Discuss the role of creativity in constructing scientific questions, methods and explanations. AF4.1
14.02 Formulate scientifically investigable questions, construct investigations, collect and evaluate data, and develop scientific recommendations based on findings. AF4.3

17.0 Demonstrate language arts knowledge and skills--The students will be able to: AF2.0

17.01 Locate, comprehend and evaluate key elements of oral and written information. AF2.4
17.02 Draft, revise, and edit written documents using correct grammar, punctuation and vocabulary. AF2.5
17.03 Present information formally and informally for specific purposes and audiences. AF2.9

18.0 <u>Solve problems using critical thinking skills, creativity and innovation</u>--The students will be able to:

This standard supports the following Next Generation Sunshine State Standards: SC.912.N.1.1; SC.912.N.2.1; SC.912.N.2.5; SC.912.N.4.2

18.01 Employ critical thinking skills independently and in teams to solve problems and make decisions. PS1.0
18.02 Employ critical thinking and interpersonal skills to resolve conflicts. PS2.0
18.03 Identify and document workplace performance goals and monitor progress toward those goals. PS3.0
18.04 Conduct technical research to gather information necessary for decision-making. PS4.0

19.0 <u>Demonstrate the importance of health, safety, and environmental management systems in organizations and their importance to organizational performance and regulatory compliance</u>--The students will be able to:

19.01 Describe personal and jobsite safety rules and regulations that maintain safe and healthy work environments. SHE1.0
19.02 Explain emergency procedures to follow in response to workplace accidents.
19.03 Create a disaster and/or emergency response plan. SHE2.0

23.0 <u>Describe the roles within teams, work units, departments, organizations, inter-organizational systems, and the larger environment</u>--The students will be able to:

23.01 Describe the nature and types of business organizations. SY1.0
23.02 Explain the effect of key organizational systems on performance and quality.
23.03 List and describe quality control systems and/or practices common to the workplace. SY2.0
23.04 Explain the impact of the global economy on business organizations

24.0 <u>Demonstrate leadership and teamwork skills needed to accomplish team goals and objectives</u>--The students will be able to:

24.01 Employ leadership skills to accomplish organizational goals and objectives. LT1.0
24.02 Establish and maintain effective working relationships with others in order to accomplish objectives and tasks. LT3.0
24.03 Conduct and participate in meetings to accomplish work tasks. LT4.0
24.04 Employ mentoring skills to inspire and teach others. LT5.0

Florida Department of Education
Student Performance Standards

Course Title: **Digital Video Production 2**
Course Number: **8772420**
Course Credit: **1**

Math				Science			
Algebra 1	^^	Biology 1	5/56 9%	Anatomy/Physiology Honors	1/53 2%	Astronomy Solar/ Galactic Honors	#
Algebra 2	^^	Chemistry 1	3/55 5%	Genetics	#	Marine Science 1 Honors	#
Geometry	^^	Physics 1	5/56 9%	Earth-Space Science	#	Physical Science	#

^^ *Alignment pending full implementation of the Common Core State Standards for Mathematics.*

** *Alignment pending review*
\#   *Alignment attempted, but no correlation to academic course.*

01.0   Demonstrate safe and efficient work practices--The student will be able to:

This standard supports the following Next Generation Sunshine State Standards SC.912.N.1.1

01.01   Follow industry safety rules, regulations and policies.
01.02   Demonstrate proper handling of hazardous materials.
01.03   Demonstrate awareness of appropriate ergonomics.
01.04   Demonstrate proper care of equipment.
01.05   Demonstrate appropriate use of equipment in an efficient manner.

03.0   Generate a production schedule--The student will be able to:

This standard supports the following Next Generation Sunshine State Standards SC.912.N.1.1

03.01   Define the segment or program type.
03.02   Identify production resources needed.

05.0   Create appropriate lighting for location and/or set productions--The student will be able to:

This standard supports the following Next Generation Sunshine State Standards: SC. 912.N.1.1

05.01   Determine appropriate lighting needs for production settings.
05.02   Identify locations and studio lighting types, method of use and application.
05.03   Use lighting equipment according to industry safety standards.
05.04   Light a location set with ambient/available and supplemental lighting.

06.0   Operate a video camera--The student will be able to:

This standard supports the following Next Generation Sunshine State Standards: SC. 912.N.1.1

06.01   Use current industry standard production video equipment.
06.02   Operate camera in studio and location (field) production environments.

08.0   Record, mix and edit audio resources--The student will be able to:

This standard supports the following Next Generation Sunshine State Standards: SC.912.N.1.1; SC.912.P.10.20; SC.912.L.14.50

08.01   Identify and select microphones for production needs.
08.02   Determine optimal microphone placement.
08.03   Establish appropriate recording conditions.
08.04   Set up audio recording equipment.
08.05   Perform appropriate pre-production check of production equipment.
08.06   Record location sound.
08.07   Record studio live sound.

09.0   Operate control room equipment--The student will be able to:

This standard supports the following Next Generation Sunshine State Standards: SC.912.N.1.1; SC.912.N.1.5; SC.912.P.10.20; SC.912.L.14.50

09.01   Define control room functions in a production.
09.02   Use the audio console (mixer) in a production.
09.03   Operate camera switching and traffic control equipment.

10.0   Organize and edit video resources--The student will be able to:

This standard supports the following Next Generation Sunshine State Standards: SC.912.N.1.1; SC.912.N .N.1.4

10.01   Log and organize video resources.
10.02   Input video resources into post-production equipment and workflow.
10.03   Operate editing hardware and software.
10.04   Perform assemble edits for appropriate effect.
10.05   Perform insert edits for appropriate effect.

16.0   Use oral and written communication skills in creating, expressing and interpreting information and ideas--The students will be able to:

16.01   Select and employ appropriate communication concepts and strategies to enhance oral and written communication in the workplace. CM1.0
16.02   Locate, organize and reference written information from various sources. CM3.0
16.03   Design, develop and deliver formal and informal presentations using appropriate

media to engage and inform diverse audiences. CM5.0

16.04 Interpret verbal and nonverbal cues/behaviors that enhance communication. CM6.0

16.05 Apply active listening skills to obtain and clarify information. CM7.0

16.06 Develop and interpret tables and charts to support written and oral communications. CM8.0

16.07 Exhibit public relations skills that aid in achieving customer satisfaction. CM10.0

20.0 <u>Use information technology tools</u>--The students will be able to:

This standard supports the following Next Generation Sunshine State Standards:

20.01 Use personal information management (PIM) applications to increase workplace efficiency. IT1.0

20.02 Employ technological tools to expedite workflow including word processing, databases, reports, spreadsheets, multimedia presentations, electronic calendar, contacts, email, and internet applications. IT2.0

20.03 Employ computer operations applications to access, create, manage, integrate, and store information. IT3.0

20.04 Employ collaborative/groupware applications to facilitate group work. IT4.0

21.0 <u>Describe the importance of professional ethics and legal responsibilities</u>--The students will be able to:

21.01 Evaluate and justify decisions based on ethical reasoning. ELR1.0

21.02 Evaluate alternative responses to workplace situations based on personal, professional, ethical, legal responsibilities, and employer policies. ELR1.1

21.03 Identify and explain personal and long-term consequences of unethical or illegal behaviors in the workplace. ELR1.2

21.04 Interpret and explain written organizational policies and procedures. ELR2.0

22.0 <u>Demonstrate personal money-management concepts, procedures, and strategies</u>--The students will be able to:

22.01 Identify and describe the services and legal responsibilities of financial institutions. FL2.0

22.02 Describe the effect of money management on personal and career goals. FL3.0

22.03 Develop a personal budget and financial goals. FL3.1

22.04 Complete financial instruments for making deposits and withdrawals. FL3.2

22.05 Maintain financial records. FL3.3

22.06 Read and reconcile financial statements. FL3.4

22.07 Research, compare and contrast investment opportunities.

Florida Department of Education
Student Performance Standards

Course Title: **Digital Video Production 3**
Course Number: **8772430**
Course Credit: **1**

Math				Science			
Algebra 1	^^	Biology 1	1/56 2%	Anatomy/Physiology Honors	3/53 6%	Astronomy Solar/ Galactic Honors	#
Algebra 2	^^	Chemistry 1	4/55 7%	Genetics	#	Marine Science 1 Honors	#
Geometry	^^	Physics 1	#	Earth-Space Science	#	Physical Science	#

^^   *Alignment pending full implementation of the*
      Common Core State Standards for Mathematics.

**   *Alignment pending review*
\#   *Alignment attempted, but no correlation to academic course.*

01.0   Demonstrate safe and efficient work practices--The student will be able to:

This standard supports the following Next Generation Sunshine State Standards: SC. 912.N.1.1; SC.912.P.10.1; SC.912.L.14.13; SC.912.L.14.14

01.01   Follow industry safety rules, regulations and policies.
01.02   Demonstrate proper handling of hazardous materials.
01.03   Demonstrate awareness of appropriate ergonomics.
01.04   Demonstrate proper care of equipment.
01.05   Demonstrate appropriate use of equipment in an efficient manner.

05.0   Create appropriate lighting for location and/or set productions--The student will be able to:

This standard supports the following Next Generation Sunshine State Standards: SC. 912.N.1.1; SC.912.N.1.7; SC.912.P.10.1; SC.912.P.10.18; SC.912.L.14.50

05.01   Determine appropriate lighting needs for production settings.
05.02   Identify locations and studio lighting types, method of use and application.
05.03   Use lighting equipment according to industry safety standards.
05.06   Use lighting for effect to control mood and impact in production settings.

23.0   Describe the roles within teams, work units, departments, organizations, inter-

<u>organizational systems, and the larger environment</u>--The students will be able to:

    23.01 Describe the nature and types of business organizations. SY1.0
    23.02 Explain the effect of key organizational systems on performance and quality.
    23.03 List and describe quality control systems and/or practices common to the workplace. SY2.0
    23.04 Explain the impact of the global economy on business organizations

24.0   <u>Demonstrate leadership and teamwork skills needed to accomplish team goals and objectives</u>--The students will be able to:

    24.01 Employ leadership skills to accomplish organizational goals and objectives. LT1.0
    24.02 Establish and maintain effective working relationships with others in order to accomplish objectives and tasks. LT3.0
    24.03 Conduct and participate in meetings to accomplish work tasks. LT4.0
    24.04 Employ mentoring skills to inspire and teach others. LT5.0

Florida Department of Education
Student Performance Standards

Course Title: **Digital Video Production 4**
Course Number: **8772440**
Course Credit: **1**

Math				Science			
Algebra 1	^^	**Biology 1**	1/56 2%	**Anatomy/Physiology Honors**	1/53 2%	**Astronomy Solar/ Galactic Honors**	#
Algebra 2	^^	**Chemistry 1**	2/55 4/%	**Genetics**	#	**Marine Science 1 Honors**	#
Geometry	^^	**Physics 1**	2/56 4%	**Earth-Space Science**	#	**Physical Science**	#

^^   *Alignment pending full implementation of the Common Core State Standards for Mathematics.*

**   *Alignment pending review*
\#   *Alignment attempted, but no correlation to academic course.*

06.0   <u>Operate a video camera</u>--The student will be able to:

      This standard supports the following Next Generation Sunshine State Standards: SC.912.N.1.1

      06.01   Use current industry standard production video equipment.
      06.02   Operate camera in studio and location (field) production environments.
      06.03   Align camera for studio production.
      06.04   Demonstrate appropriate framing for both SDTV and HDTV.

07.0   <u>Shoot studio and/or location footage</u>--The student will be able to:

      This standard supports the following Next Generation Sunshine State Standards: SC.912.P.10.22; SC.912.L.14.50

      07.01   Plan a shot to obtain required action/footage.
      07.02   Demonstrate appropriate shot sequences, transitions and post production (edit) effects.
      07.03   Control camera movement to obtain required effects.
      07.04   Control lens, focal length, aperture and exposure to obtain required effects.
      07.05   Set up camera and recording equipment sequence.

08.0   <u>Record, mix and edit audio resources</u>--The student will be able to:

      08.05   Perform appropriate pre-production checks of equipment function.

08.06　Record location sound.
08.07　Record studio live sound.
08.08　Perform basic routine, preventative and repair maintenance on video equipment.
08.09　Define the various recording formats and media.
08.10　Define appropriate digital compression and signal (file) types.

10.0　Organize and edit video resources--The student will be able to:

This standard supports the following Next Generation Sunshine State Standards:
SC.912.N.1.4

10.01　Log and organize video resources.
10.02　Input video resources into post-production equipment and workflow

Florida Department of Education
Student Performance Standards

Course Title: **Digital Video Production 5**
Course Number: **8772450**
Course Credit: **1**

Math				Science			
Algebra 1	^^	Biology 1	#	Anatomy/Physiology Honors	2/53 4%	Astronomy Solar/ Galactic Honors	#
Algebra 2	^^	Chemistry 1	#	Genetics	#	Marine Science 1 Honors	#
Geometry	^^	Physics 1	#	Earth-Space Science	#	Physical Science	#

^^ *Alignment pending full implementation of the Common Core State Standards for Mathematics.*
** *Alignment pending review*
# *Alignment attempted, but no correlation to academic course.*

01.0 <u>Demonstrate safe and efficient work practices</u>--The student will be able to:

This standard supports the following Next Generation Sunshine State Standards:
SC.912.L.14.13; SC.912.L.14.14

01.01 Follow industry safety rules, regulations and policies.
01.02 Demonstrate proper handling of hazardous materials.
01.03 Demonstrate awareness of appropriate ergonomics.
01.04 Demonstrate proper care of equipment.
01.05 Demonstrate appropriate use of equipment in an efficient manner.

03.0 <u>Generate a production schedule</u>--The student will be able to:

03.01 Define the segment or program type.

23.0 <u>Describe the roles within teams, work units, departments, organizations, inter-organizational systems, and the larger environment</u>--The students will be able to:

23.01 Describe the nature and types of business organizations. SY1.0
23.02 Explain the effect of key organizational systems on performance and quality.
23.03 List and describe quality control systems and/or practices common to the workplace. SY2.0
23.04 Explain the impact of the global economy on business organizations

24.0 <u>Demonstrate leadership and teamwork skills needed to accomplish team goals and</u>

<u>objectives</u>--The students will be able to:

24.01   Employ leadership skills to accomplish organizational goals and objectives.
        LT1.0
24.02   Establish and maintain effective working relationships with others in order to
        accomplish objectives and tasks. LT3.0
24.03   Conduct and participate in meetings to accomplish work tasks. LT4.0
24.04   Employ mentoring skills to inspire and teach others. LT5.0

Florida Department of Education
Student Performance Standards

Course Title: **Digital Video Production 6**
Course Number: **8772460**
Course Credit: **1**

Math				Science			
Algebra 1	^^	Biology 1	1/56 2%	Anatomy/Physiology Honors	#	Astronomy Solar/ Galactic Honors	#
Algebra 2	^^	Chemistry 1	1/55 2/%	Genetics	#	Marine Science 1 Honors	#
Geometry	^^	Physics 1	1/56 2%	Earth-Space Science	#	Physical Science	#

^^ Alignment pending full implementation of the Common Core State Standards for Mathematics.	** Alignment pending review
	# Alignment attempted, but no correlation to academic course.

05.0   Create appropriate lighting for location and/or set productions--The student will be able to:

05.03   Use lighting equipment according to industry safety standards.

08.0   Record, mix and edit audio resources--The student will be able to:

08.11   Perform sound edits and enhancements.

10.0   Organize and edit video resources--The student will be able to:

This standard supports the following Next Generation Sunshine State Standards: SC.912.N.1.4

10.01   Log and organize video resources.
10.02   Input video resources into post-production equipment and workflow.
10.03   Operate editing hardware and software.
10.04   Perform assemble edits for appropriate effect.
10.05   Perform insert edits for appropriate effect.
10.06   Maintain continuity and production values.
10.07   Mix audio and video resources for final cut.
10.08   Apply color correction to video footage.
10.09   Demonstrate ability to edit in both SDTV and HDTV.

Florida Department of Education
Student Performance Standards

Course Title: **Digital Video Production 7**
Course Number: **8772470**
Course Credit: **1**

Math				Science			
Algebra 1	^^	Biology 1	1/562%	Anatomy/Physiology Honors	#	Astronomy Solar/Galactic Honors	#
Algebra 2	^^	Chemistry 1	1552/%	Genetics	#	Marine Science 1 Honors	#
Geometry	^^	Physics 1	1/562%	Earth-Space Science	#	Physical Science	#

^^ *Alignment pending full implementation of the Common Core State Standards for Mathematics.*

** *Alignment pending review*
# *Alignment attempted, but no correlation to academic course.*

01.0 <u>Demonstrate safe and efficient work practices</u>--The student will be able to:

    01.01 Follow industry safety rules, regulations and policies.
    01.02 Demonstrate proper handling of hazardous materials.
    01.03 Demonstrate awareness of appropriate ergonomics.
    01.04 Demonstrate proper care of equipment.
    01.05 Demonstrate appropriate use of equipment in an efficient manner.

03.0 <u>Generate a production schedule</u>--The student will be able to:

    03.01 Define the segment or program type.

10.0 <u>Organize and edit video resources</u>--The student will be able to:

This standard supports the following Next Generation Sunshine State Standards:
SC.912.N.1.4

    10.01 Log and organize video resources.
    10.02 Input video resources into post-production equipment and workflow.
    10.03 Operate editing hardware and software.
    10.04 Perform assemble edits for appropriate effect.
    10.05 Perform insert edits for appropriate effect.
    10.06 Maintain continuity and production values.
    10.07 Mix audio and video resources for final cut.
    10.08 Apply color correction to video footage.

10.10　Transfer finished edit to other media for distribution or archiving.

23.0　<u>Describe the roles within teams, work units, departments, organizations, inter-organizational systems, and the larger environment</u>--The students will be able to:

23.01　Describe the nature and types of business organizations. SY1.0
23.02　Explain the effect of key organizational systems on performance and quality.
23.03　List and describe quality control systems and/or practices common to the workplace. SY2.0
23.04　Explain the impact of the global economy on business organizations

24.0　<u>Demonstrate leadership and teamwork skills needed to accomplish team goals and objectives</u>--The students will be able to:

24.01　Employ leadership skills to accomplish organizational goals and objectives. LT1.0
24.02　Establish and maintain effective working relationships with others in order to accomplish objectives and tasks. LT3.0
24.03　Conduct and participate in meetings to accomplish work tasks. LT4.0
24.04　Employ mentoring skills to inspire and teach others. LT5.0

Florida Department of Education
Student Performance Standards

Course Title: **Digital Video Production 8**
Course Number: **8772480**
Course Credit: **1**

Math		Science					
Algebra 1	^ ^	Biology 1	1/562%	Anatomy/Physiology Honors	#	Astronomy Solar/Galactic Honors	#
Algebra 2	^ ^	Chemistry 1	1/552/%	Genetics	#	Marine Science 1 Honors	#
Geometry	^ ^	Physics 1	4/567%	Earth-Space Science	#	Physical Science	3/536%

^^   *Alignment pending full implementation of the*   **   *Alignment pending review*
      Common Core State Standards for Mathematics.   #   *Alignment attempted, but no correlation to academic course.*

11.0   Design and generate graphic elements--The student will be able to:

This standard supports the following Next Generation Sunshine State Standards:
SC.912.N.1.1; SC.912.P.12.2; SC.912.P.12.3; SC.912.P.12.5

11.01   Determine the graphic requirements for a production.
11.02   Operate graphic production software.
11.03   Produce broadcast graphic elements for titling, credits and graphic transitions.
11.04   Determine the special effects need for a production.
11.05   Set up and operate character generator equipment and software.
11.06   Generate appropriate special effects and animated elements for a production.
11.07   Demonstrate an understanding of graphic image types, file formats, and technical requirements for a production.
11.08   Use image editing (bit mapped) software.
11.09   Edit graphics into the program or segment.
11.10   Demonstrate an ability to use type, color, composition and graphic elements for a specific production effect.

11.11   Demonstrate an ability to use different aspect ratios as needed for SDTV and HDTV.

23.0   <u>Describe the roles within teams, work units, departments, organizations, inter-organizational systems, and the larger environment</u>--The students will be able to:

23.01   Describe the nature and types of business organizations. SY1.0
23.02   Explain the effect of key organizational systems on performance and quality.
23.03   List and describe quality control systems and/or practices common to the workplace. SY2.0
23.04   Explain the impact of the global economy on business organizations

24.0   <u>Demonstrate leadership and teamwork skills needed to accomplish team goals and objectives</u>--The students will be able to:

24.01   Employ leadership skills to accomplish organizational goals and objectives. LT1.0
24.02   Establish and maintain effective working relationships with others in order to accomplish objectives and tasks. LT3.0
24.03   Conduct and participate in meetings to accomplish work tasks. LT4.0
24.04   Employ mentoring skills to inspire and teach others. LT5.0

Florida Department of Education
Student Performance Standards

Course Title: **Digital Video Production 9**
Course Number: **8772490**
Course Credit: **1**

Math				Science			
Algebra 1	^^	Biology 1	1/56 2%	Anatomy/Physiology Honors	#	Astronomy Solar/ Galactic Honors	#
Algebra 2	^^	Chemistry 1	1/55 2%	Genetics	#	Marine Science 1 Honors	#
Geometry	^^	Physics 1	1/56 2%	Earth-Space Science	#	Physical Science	1/53 2%

^^   *Alignment pending full implementation of the*   **   *Alignment pending review*
      Common Core State Standards for Mathematics.   #   *Alignment attempted, but no correlation to academic course.*

01.0   <u>Demonstrate safe and efficient work practices</u>--The student will be able to:

01.01   Follow industry safety rules, regulations and policies.
01.02   Demonstrate proper handling of hazardous materials.
01.03   Demonstrate awareness of appropriate ergonomics.
01.04   Demonstrate proper care of equipment.
01.05   Demonstrate appropriate use of equipment in an efficient manner.

02.0   <u>Develop a project proposal and script</u>--The student will be able to:

02.01   Identify a project goal.
02.02   Write a production script.
02.03   Develop a story-board from a script.

03.0   <u>Generate a production schedule</u>--The student will be able to:

03.01   Define the segment or program type.
03.02   Identify production resources needed.
03.03   Establish viable production time frame targets.

05.0   <u>Create appropriate lighting for location and/or set productions</u>--The student will be able to:

05.07   Use studio lighting master control equipment.

06.0   Operate a video camera--The student will be able to:

06.05   Operate (CCU) Camera Control Unit.

09.0   Operate control room equipment--The student will be able to:

09.04   Use vision control equipment.
09.05   Operate routing switcher for production and tape dubs.

10.0   Organize and edit video resources--The student will be able to:

This standard supports the following Next Generation Sunshine State Standards:
SC.912.N.1.4

10.01   Log and organize video resources.
10.02   Input video resources into post-production equipment and workflow.

Florida Department of Education
Student Performance Standards

Course Title: **Digital Video Production 10**
Course Number: **8772491**
Course Credit: **1**

Math			Science			
Algebra 1	^^	**Biology 1**	#	**Anatomy/Physiology Honors**	#	**Astronomy Solar/ Galactic Honors**	#
Algebra 2	^^	**Chemistry 1**	#	**Genetics**	#	**Marine Science 1 Honors**	#
Geometry	^^	**Physics 1**	#	**Earth-Space Science**	#	**Physical Science**	#

^^   *Alignment pending full implementation of the*   **   *Alignment pending review*
    Common Core State Standards for Mathematics.   #   *Alignment attempted, but no correlation to academic course.*

12.0   <u>Plan, coordinate and manage a video or webcast production</u>--The student will be able to:

    12.01   Define the program/segment format and market.
    12.02   Present a project proposal and script for approval.
    12.03   Develop a production schedule.
    12.04   Manage crew and staff during pre-planning and production.
    12.05   Determine post-production requirements.
    12.06   Coordinate post-production activities.
    12.07   Direct final production values.
    12.08   Archive and manage finished assets and originals.
    12.09   Oversee broadcast/distribution to market.
    12.10   Explain the techniques and procedures of web hosts, portals, television broadcast and cable networks, syndication and public broadcasters.

15.0   <u>Explain the importance of employability and entrepreneurship skills</u>--The students will be able to:

    15.01   Identify and demonstrate positive work behaviors needed to be employable. ECD1.0
    15.02   Develop personal career plan that includes goals, objectives, and strategies. ECD2.0
    15.03   Examine licensing, certification, and industry credentialing requirements. ECD3.0
    15.04   Maintain a career portfolio to document knowledge, skills, and experience. ECD5.0

15.05 Evaluate and compare employment opportunities that match career goals. ECD6.0
15.06 Identify and exhibit traits for retaining employment. ECD7.0
15.07 Identify opportunities and research requirements for career advancement. ECD8.0
15.08 Research the benefits of ongoing professional development. ECD9.0
15.09 Examine and describe entrepreneurship opportunities as a career planning option. ECD10.0

23.0 <u>Describe the roles within teams, work units, departments, organizations, inter-organizational systems, and the larger environment</u>--The students will be able to:

23.01 Describe the nature and types of business organizations. SY1.0
23.02 Explain the effect of key organizational systems on performance and quality.
23.03 List and describe quality control systems and/or practices common to the workplace. SY2.0
23.04 Explain the impact of the global economy on business organizations

24.0 <u>Demonstrate leadership and teamwork skills needed to accomplish team goals and objectives</u>--The students will be able to:

24.01 Employ leadership skills to accomplish organizational goals and objectives. LT1.0
24.02 Establish and maintain effective working relationships with others in order to accomplish objectives and tasks. LT3.0
24.03 Conduct and participate in meetings to accomplish work tasks. LT4.0
24.04 Employ mentoring skills to inspire and teach others. LT5.0