

**Florida Department of Education
Student Performance Standards**

Course Title: Digital Video Production 1
Course Number: 8772410
Course Credit: 1

Course Description:

This course covers competencies in safe work practices, planning a production set, lighting planning, camera operation, and audio/ video recording, mixing, and editing.

Abbreviations:

FS-M/LA = Florida Standards for Math/Language Arts
 NGSSS-Sci = Next Generation Sunshine State Standards for Science

Note: This course is pending alignment in the following categories: FS-M/LA.

CTE Standards and Benchmarks	FS-M/LA	NGSSS-Sci
04.0 Demonstrate safe and efficient work practices--The student will be able to:		SC.912.N.1.1
04.01 Follow industry safety rules, regulations and policies.		
04.02 Demonstrate proper handling of hazardous materials.		
04.03 Demonstrate awareness of appropriate ergonomics.		
04.04 Demonstrate proper care of equipment.		
04.05 Demonstrate appropriate use of equipment in an efficient manner.		
05.0 Plan a production set--The student will be able to:		SC.912.N.1.1; SC.912.N.1.4; SC.912.N.2.2
05.01 Define set requirements for program type.		
05.02 Define needed prop, costume and other resources.		
05.03 Acquire appropriate locations for segment type.		

CTE Standards and Benchmarks	FS-M/LA	NGSSS-Sci
06.0 Create appropriate lighting for location and/or set productions--The student will be able to:		
06.01 Determine appropriate lighting needs for production settings.		
06.02 Identify locations and studio lighting types, method of use and application.		
06.03 Use lighting equipment according to industry safety standards.		
06.04 Define light quality in terms of intensity, color, direction and characteristics.		
07.0 Operate a video camera--The student will be able to:		
07.01 Use current industry standard production video equipment.		
07.02 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:		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:		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 2
Course Number: 8772420
Course Credit: 1

Course Description:

This course covers competencies in safe work practices, planning a production set, lighting planning, camera operation, and audio/ video recording, mixing, and editing.

Abbreviations:

FS-M/LA = Florida Standards for Math/Language Arts
 NGSSS-Sci = Next Generation Sunshine State Standards for Science

Note: This course is pending alignment in the following categories: FS-M/LA.

CTE Standards and Benchmarks	FS-M/LA	NGSSS-Sci
04.0 Demonstrate safe and efficient work practices--The student will be able to:		SC.912.N.1.1
04.01 Follow industry safety rules, regulations and policies.		
04.02 Demonstrate proper handling of hazardous materials.		
04.03 Demonstrate awareness of appropriate ergonomics.		
04.04 Demonstrate proper care of equipment.		
04.05 Demonstrate appropriate use of equipment in an efficient manner.		
06.0 Create appropriate lighting for location and/or set productions--The student will be able to:		SC.912.N.1.1
06.01 Determine appropriate lighting needs for production settings.		
06.02 Identify locations and studio lighting types, method of use and application.		
06.03 Use lighting equipment according to industry safety standards.		
06.04 Light a location set with ambient/available and supplemental lighting.		

CTE Standards and Benchmarks	FS-M/LA	NGSSS-Sci
07.0 Operate a video camera--The student will be able to:		SC.912.N.1.1
07.01 Use current industry standard production video equipment.		
07.02 Operate camera in studio and location (field) production environments.		
08.0 Record, mix and edit audio resources--The student will be able to:		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:		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:		SC.912.N.1.1; 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.		

CTE Standards and Benchmarks	FS-M/LA	NGSSS-Sci
11.0 Generate a production schedule--The student will be able to:		SC.912.N.1.1
11.01 Define the segment or program type.		
11.02 Identify production resources needed.		

**Florida Department of Education
Student Performance Standards**

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

Course Description:

This course covers competencies in safe work practices and lighting.

Abbreviations:

FS-M/LA = Florida Standards for Math/Language Arts
 NGSSS-Sci = Next Generation Sunshine State Standards for Science

Note: This course is pending alignment in the following categories: FS-M/LA.

CTE Standards and Benchmarks	FS-M/LA	NGSSS-Sci
04.0 Demonstrate safe and efficient work practices--The student will be able to:		SC.912.N.1.1; SC.912.P.10.1; SC.912.L.14.13; SC.912.L.14.14
04.01 Follow industry safety rules, regulations and policies.		
04.02 Demonstrate proper handling of hazardous materials.		
04.03 Demonstrate awareness of appropriate ergonomics.		
04.04 Demonstrate proper care of equipment.		
04.05 Demonstrate appropriate use of equipment in an efficient manner.		
06.0 Create appropriate lighting for location and/or set productions--The student will be able to:		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
06.01 Determine appropriate lighting needs for production settings.		
06.02 Identify locations and studio lighting types, method of use and application.		

CTE Standards and Benchmarks	FS-M/LA	NGSSS-Sci
06.03 Use lighting equipment according to industry safety standards.		
06.04 Use lighting for effect to control mood and impact in production settings.		

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

Course Description:

This course covers competencies in safe work practices; audio/ video recording, mixing, and editing; and shooting footage.

Abbreviations:

FS-M/LA = Florida Standards for Math/Language Arts

NGSSS-Sci = Next Generation Sunshine State Standards for Science

Note: This course is pending alignment in the following categories: FS-M/LA.

CTE Standards and Benchmarks	FS-M/LA	NGSSS-Sci
07.0 Operate a video camera--The student will be able to:		SC.912.N.1.1
07.06 Use current industry standard production video equipment.		
07.07 Operate camera in studio and location (field) production environments.		
07.08 Align camera for studio production.		
07.09 Demonstrate appropriate framing for both SDTV and HDTV.		
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:		SC.912.N.1.4

CTE Standards and Benchmarks	FS-M/LA	NGSS-Sci
10.01 Log and organize video resources.		
10.02 Input video resources into post-production equipment and workflow.		
16.0 Shoot studio and/or location footage--The student will be able to:		SC.912.P.10.22; SC.912.L.14.50
16.06 Plan a shot to obtain required action/footage.		
16.07 Demonstrate appropriate shot sequences, transitions and post production (edit) effects.		
16.08 Control camera movement to obtain required effects.		
16.09 Control lens, focal length, aperture and exposure to obtain required effects.		
16.10 Set up camera and recording equipment sequence.		

**Florida Department of Education
Student Performance Standards**

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

Course Description:

This course covers competencies in safe work practices, and production scheduling.

Abbreviations:

FS-M/LA = Florida Standards for Math/Language Arts
 NGSSS-Sci = Next Generation Sunshine State Standards for Science

Note: This course is pending alignment in the following categories: FS-M/LA.

CTE Standards and Benchmarks	FS-M/LA	NGSSS-Sci
04.0 Demonstrate safe and efficient work practices--The student will be able to:		SC.912.L.14.13; SC.912.L.14.14
04.01 Follow industry safety rules, regulations and policies.		
04.02 Demonstrate proper handling of hazardous materials.		
04.03 Demonstrate awareness of appropriate ergonomics.		
04.04 Demonstrate proper care of equipment.		
04.05 Demonstrate appropriate use of equipment in an efficient manner.		
11.0 Generate a production schedule--The student will be able to:		
11.01 Define the segment or program type.		

**Florida Department of Education
Student Performance Standards**

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

Course Description:

This course covers competencies in lighting planning; audio recording, mixing, and editing; and organizing resources.

Abbreviations:

FS-M/LA = Florida Standards for Math/Language Arts
 NGSSS-Sci = Next Generation Sunshine State Standards for Science

Note: This course is pending alignment in the following categories: FS-M/LA.

CTE Standards and Benchmarks	FS-M/LA	NGSSS-Sci
06.0 Create appropriate lighting for location and/or set productions--The student will be able to:		
06.03 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:		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.		

CTE Standards and Benchmarks	FS-M/LA	NGSS-Sci
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

Course Description:

This course covers competencies in safe work practices, organizing and editing video resources, and generating a production schedule.

Abbreviations:

FS-M/LA = Florida Standards for Math/Language Arts
 NGSSS-Sci = Next Generation Sunshine State Standards for Science

Note: This course is pending alignment in the following categories: FS-M/LA.

CTE Standards and Benchmarks	FS-M/LA	NGSSS-Sci
04.0 Demonstrate safe and efficient work practices--The student will be able to:		
04.01 Follow industry safety rules, regulations and policies.		
04.02 Demonstrate proper handling of hazardous materials.		
04.03 Demonstrate awareness of appropriate ergonomics.		
04.04 Demonstrate proper care of equipment.		
04.05 Demonstrate appropriate use of equipment in an efficient manner.		
10.0 Organize and edit video resources--The student will be able to:		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.		

CTE Standards and Benchmarks	FS-M/LA	NGSS-Sci
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 Generate a production schedule--The student will be able to:		
11.01 Define the segment or program type.		

Florida Department of Education
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Course Title: Digital Video Production 8
Course Number: 8772480
Course Credit: 1

Course Description:

This course covers competencies in designing and generating graphic elements.

Abbreviations:

FS-M/LA = Florida Standards for Math/Language Arts
NGSSS-Sci = Next Generation Sunshine State Standards for Science

Note: This course is pending alignment in the following categories: FS-M/LA.

CTE Standards and Benchmarks	FS-M/LA	NGSSS-Sci
17.0 Design and generate graphic elements--The student will be able to:		SC.912.N.1.1; SC.912.P.12.2; SC.912.P.12.3; SC.912.P.12.5
17.01 Determine the graphic requirements for a production.		
17.02 Operate graphic production software.		
17.03 Produce broadcast graphic elements for titling, credits and graphic transitions.		
17.04 Determine the special effects need for a production.		
17.05 Set up and operate character generator equipment and software.		
17.06 Generate appropriate special effects and animated elements for a production.		
17.07 Demonstrate an understanding of graphic image types, file formats, and technical requirements for a production.		
17.08 Use image editing (bit mapped) software.		
17.09 Edit graphics into the program or segment.		
17.10 Demonstrate an ability to use type, color, composition and graphic elements for a specific production effect.		

CTE Standards and Benchmarks	FS-M/LA	NGSSS-Sci
17.11 Demonstrate an ability to use different aspect ratios as needed for SDTV and HDTV.		

**Florida Department of Education
Student Performance Standards**

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

Course Description:

This course covers competencies in safe work practices, lighting planning, camera operation, control room equipment, generating a production schedule, organizing resources, and developing project proposals and scripts.

Abbreviations:

FS-M/LA = Florida Standards for Math/Language Arts
 NGSSS-Sci = Next Generation Sunshine State Standards for Science

Note: This course is pending alignment in the following categories: FS-M/LA.

CTE Standards and Benchmarks		FS-M/LA	NGSSS-Sci
04.0	Demonstrate safe and efficient work practices--The student will be able to:		
04.01	Follow industry safety rules, regulations and policies.		
04.02	Demonstrate proper handling of hazardous materials.		
04.03	Demonstrate awareness of appropriate ergonomics.		
04.04	Demonstrate proper care of equipment.		
04.05	Demonstrate appropriate use of equipment in an efficient manner.		
15.01	Develop a story-board from a script.		
06.0	Create appropriate lighting for location and/or set productions--The student will be able to:		
06.07	Use studio lighting master control equipment.		
07.0	Operate a video camera--The student will be able to:		
07.05	Operate (CCU) Camera Control Unit.		

CTE Standards and Benchmarks	FS-M/LA	NGSSS-Sci
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 Generate a production schedule--The student will be able to:		
10.04 Define the segment or program type.		
10.05 Identify production resources needed.		
10.06 Establish viable production time frame targets.		
11.0 Organize and edit video resources--The student will be able to:		SC.912.N.1.4
11.01 Log and organize video resources.		
11.02 Input video resources into post-production equipment and workflow.		
15.0 Develop a project proposal and script--The student will be able to:		
15.01 Identify a project goal.		
15.02 Write a production script.		

**Florida Department of Education
Student Performance Standards**

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

Course Description:

This course covers competencies in planning, coordinating and managing video or webcast production.

Abbreviations:

FS-M/LA = Florida Standards for Math/Language Arts
 NGSSS-Sci = Next Generation Sunshine State Standards for Science

Note: This course is pending alignment in the following categories: FS-M/LA.

CTE Standards and Benchmarks		FS-M/LA	NGSSS-Sci
18.0	Plan, coordinate and manage a video or webcast production--The student will be able to:		
18.01	Define the program/segment format and market.		
18.02	Present a project proposal and script for approval.		
18.03	Develop a production schedule.		
18.04	Manage crew and staff during pre-planning and production.		
18.05	Determine post-production requirements.		
18.06	Coordinate post-production activities.		
18.07	Direct final production values.		
18.08	Archive and manage finished assets and originals.		
18.09	Oversee broadcast/distribution to market.		
18.10	Explain the techniques and procedures of web hosts, portals, television broadcast and cable networks, syndication and public broadcasters.		