

Florida Department of Education  
CURRICULUM FRAMEWORK

**Program Title:** Television Production  
**Occupational Area:** Industrial Education

	<u>Secondary</u>	<u>PSAV</u>
<b>Program Numbers</b>	<b>8772100</b>	<b>I100104</b>
CIP Number	0610.010403	0610.010403
Grade Level	9-12, 30, 31	30, 31
Length	11 Credits	1650 hours
SOC	27-4011	27-4011
Certification	TEC ELEC ¶7 ¶G TV PRO TEC @7 G IART-TEC 1@2	TEC ELEC ¶7 ¶G TV PRO TEC @7 G IART-TEC 1@2

- I. **MAJOR CONCEPTS/CONTENT:** The purpose of this program is to prepare students for initial employment as television production operators, (SOC 27-4031) television broadcast technicians, (SOC 27-4012) camera operator, (SOC 27-4031) all other professional/para-professional technicians, video recording engineers, audio recording engineers.

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 television studio activities including: scripts, lighting, filming and directing, electronic news gathering, and field production.

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.

- 8772110 - Television Production 1 (150)
- 8772120 - Television Production 2 (150)
- 8772130 - Television Production 3 (150) [450] OCP - A
- 8772140 - Television Production 4 (150)
- 8772150 - Television Production 5 (150)
- 8772160 - Television Production 6 (150) [450] OCP - B
- 8772170 - Television Production 7 (150)
- 8772180 - Television Production 8 (150)
- 8772190 - Television Production 9 (150) [450] OCP - C
- 8772191 - Television Production 10 (150)
- 8772192 - Television Production 11 (150) [300] OCP - D

This program focuses on broad, transferable skills and stresses understanding and demonstration of the following elements of the Television Production industry; planning, management, finance, technical and product skills, underlying principles of technology, labor issues, community issues and health, safety, and environmental issues.

- II. **LABORATORY ACTIVITIES:** Shop or laboratory activities are an integral part of this program and provide instruction in camera

principles, audio and video control, lighting methods, control room operation, station operation, and set preparation.

- III. **SPECIAL NOTE:** SkillsUSA, Inc. is the appropriate Career and Technical Student Organization (CTSO) for providing leadership training and for reinforcing specific career and technical skills. Career and Technical Student Organizations, when provided, shall be an integral part of the career and technical instructional program, and the activities of such organizations are defined as part of the curriculum in accordance with Rule 6A-6.065, FAC.

Cooperative training - OJT is appropriate for this program. Whenever cooperative training - OJT is offered, the following are required for each student: a training plan, signed by the student, teacher, and employer, which includes instructional objectives and a list of on-the-job and in-school learning experiences; a workstation that reflects equipment, skills and tasks that are relevant to the occupation which the student has chosen as a career goal. The student must receive compensation for work performed.

In accordance with Rule 6A-10.040, FAC, the minimum basic-skills grade levels required for adult vocational students to complete this program are: Mathematics 9.0, Language 9.0, Reading 9.0. These grade-level numbers correspond to grade-equivalent scores obtained on one of the state-designated basic-skills examinations. If a student does not meet the basic-skills level required for completion of the program, remediation should be provided concurrently through Vocational Preparatory Instruction (VPI). Please refer to the Rule for exemptions.

SCANS Competencies: Instructional strategies for this program must include methods that require students to identify, organize, and use resources appropriately; to work with each other cooperatively and productively; to acquire and use information; to understand social, organizational, and technological systems; and to work with a variety of tools and equipment. Instructional strategies must also incorporate the methods to improve students' personal qualities and high-order thinking skills.

When a secondary student with a disability is enrolled in a vocational class with modifications to the curriculum framework, the particular outcomes and student performance standards, which the student must master to earn credit, must be specified on an individual basis. The job or jobs for which the student is being trained should be reflected in the student's desired postschool outcome statement on the Transition Individual Educational Plan (Transition IEP).

***Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Adult students with disabilities must self-identify and request such services. 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.***

To be transferable statewide between institutions, this program/course must have been reviewed, and a "transfer value" assigned the curriculum content by the appropriate Statewide Course Numbering System discipline committee. This does not preclude institutions from developing specific program or course articulation agreements with each other.

This program may be offered in courses. Vocational credit shall be awarded to the student on a transcript in accordance with Section 1001.44 (3) (b) F.S.

The standard length of this program is 1,650 hours.

When the cooperative education method of instruction is used, the program length for the secondary program may be increased by a maximum of 2.0 credits.

IV. **INTENDED OUTCOMES:** After successfully completing the program the student will be able to:

- 01.0 Demonstrate knowledge of the television production technology program instructional system, safety procedures and trade terminology.
- 02.0 Stage a set as directed for television production.
- 03.0 Perform lighting activities for a planned production.
- 04.0 Demonstrate correct use of basic equipment used in television production.
- 05.0 Demonstrate ability to identify different types of script copy.
- 06.0 Demonstrate ability to interpret a broadcast style script.
- 07.0 Exhibit knowledge of the television production team.
- 08.0 Exhibit ability to apply skills through planning, writing, directing, editing and recording a television program.
- 09.0 Perform video tape recording and editing operations.
- 10.0 Perform television production and programming activities.
- 11.0 Perform character generator and special effects generator functions.
- 12.0 Operate television studio audio control system.
- 13.0 Perform electronic news gathering (ENG) and electronic field production (EFP) equipment functions.
- 14.0 Demonstrate ability in studio production operations.
- 15.0 Write, produce, direct and edit a variety of television programming.
- 16.0 Understand career opportunities in the television industry.
- 17.0 Demonstrate an independent level of proficiency in one or more areas of television production.
- 18.0 Demonstrate an ability to specialize in one or more areas of television production.
- 19.0 Translate a written script into a full television production.
- 20.0 Demonstrate appropriate communication skills.
- 21.0 Demonstrate appropriate math skills.
- 22.0 Demonstrate appropriate understanding of basic science.
- 23.0 Demonstrate employability skills.
- 24.0 Demonstrate an understanding of entrepreneurship.
- 25.0 Demonstrate computer operations in Television Production.

The following diagram illustrates the program structure:

## **TELEVISION PRODUCTION**

<b>OCP - A (450 Hours) STUDIO ASSISTANT (INDUSTRY TITLE)</b>
<b>OCP - B (450 Hours) STUDIO TECHNICIAN</b>
<b>OCP - C (450 HOURS) STUDIO TECHNICIAN/ EDIT ASSISTANT (INDUSTRY TITLE)</b>
<b>OCP - D (300 HOURS) TELEVISION PRODUCTION/ EDIT TECH</b>

Florida Department of Education  
 STUDENT PERFORMANCE STANDARDS  
 PSAV Course

**Program Title:** Television Production  
**Secondary Number:** 8772100  
**Postsecondary Number:** I100104

**OCCUPATIONAL COMPLETION POINT - A (450 Hours)**  
 STUDIO ASSISTANT - INDUSTRY TITLE (SOC 27-4030)

- 01.0 DEMONSTRATE KNOWLEDGE OF THE TELEVISION PRODUCTION TECHNOLOGY PROGRAM INSTRUCTIONAL SYSTEM, SAFETY PROCEDURES AND TRADE TERMINOLOGY--The student will be able to:
- 01.01 Describe the operating system of the vocational program.
  - 01.02 State and apply general safety rules for operation of equipment and learning activities in the lab.
  - 01.03 Utilize trade terminology in the television production lab.
  - 01.04 Utilize trade abbreviations and acronyms as appropriate.
  - 01.05 Transport equipment safely and securely.
  - 01.06 Store equipment in appropriate locations.
- 02.0 STAGE A SET AS DIRECTED FOR TELEVISION PRODUCTION--The student will be able to:
- 02.01 Dress a set for a television production.
  - 02.02 Inspect for and correct safety concerns.
  - 02.03 Sketch a set plan.
- 03.0 PERFORM LIGHTING ACTIVITIES FOR A PLANNED PRODUCTION--The student will be able to:
- 03.01 Describe types of lighting fixtures.
  - 03.02 Identify parts of lighting fixtures.
  - 03.03 Perform special effects lighting.
  - 03.04 Set-up appropriate lighting for a production.
  - 03.05 Describe functions of master lighting panel and dimmer board.
  - 03.06 Operate master lighting panel to dimmer board.
  - 03.07 Analyze lighting needs for production.
- 04.0 DEMONSTRATE CORRECT USE OF BASIC STUDIO EQUIPMENT USED IN TELEVISION PRODUCTION--The student will be able to:
- 04.01 Load, record and play video-tape.
  - 04.02 Demonstrate the steps necessary to set up, turn on and operate a video camera.
  - 04.03 Demonstrate picture composition.
  - 04.04 Describe types of video connectors
  - 04.05 describe types of audio connectors.
  - 04.06 Identify, select and demonstrate use of an appropriate microphone.
  - 04.07 Assemble audio and video cables.
  - 04.08 Troubleshoot a bad cable connection.
  - 04.09 Replace bulb in a light fixture.
  - 04.10 Identify the qualities of a good audio track.
  - 04.11 Demonstrate basic television lighting.

- 04.12 Explain the care, storage and use of television hardware and software.
  - 04.13 Select appropriate equipment.
  - 04.14 Demonstrate facility and equipment inventory, maintenance and management.
- 06.0 DEMONSTRATE ABILITY TO INTERPRET A BROADCAST STYLE SCRIPT--The student will be able to:
- 06.01 Identify the components of a storyboard script.
  - 06.02 Interpret a storyboard.
  - 06.03 Demonstrate an understanding of broadcast scripts.
- 7.0 EXHIBIT KNOWLEDGE OF THE TELEVISION PRODUCTION TEAM--The student will be able to:
- 07.01 List the job functions of the television production team.
  - 07.02 Describe the steps of the production process.
  - 07.03 Demonstrate ability to give and follow directions.
  - 07.04 Demonstrate ability to function as a member of the production team.
  - 07.05 Set and adhere to production deadlines.
- 16.0 UNDERSTAND CAREER OPPORTUNITIES IN THE TELEVISION INDUSTRY--The student will be able to:
- 16.01 Identify a career objective.
  - 16.02 Identify sources of information concerning careers.
  - 16.03 List the skills, attitudes, abilities and training required for jobs in the television industry.
  - 16.04 List the rapid changes occurring in the television industry.
  - 16.05 Describe employment opportunities in television related careers.
  - 16.06 Explain the importance of updating occupational skills and knowledge through continued education and training.
- 20.0 DEMONSTRATE APPROPRIATE COMMUNICATION SKILLS --The student will be able to:
- 20.01 Write logical and understandable statements, or phrases, to accurately fill out forms/invoices commonly used in business and industry.
  - 20.02 Read and understand graphs, charts, diagrams, and tables commonly used in this industry/occupation area.
  - 20.03 Read and follow written and oral instructions.
  - 20.04 Answer and ask questions coherently and concisely.
  - 20.05 Read critically by recognizing assumptions and implications and by evaluating ideas.
  - 20.06 Demonstrate appropriate telephone/communication skills.
- 21.0 DEMONSTRATE APPROPRIATE MATH SKILLS --The student will be able to:
- 21.01 Solve problems for volume, weight, area, circumference and perimeter measurements for rectangles, squares, and cylinders.
  - 21.02 Measure tolerance(s) on horizontal and vertical surfaces using millimeters, centimeters, feet and inches.
  - 21.03 Add, subtract, multiply and divide using fractions, decimals, and whole numbers.

- 21.04 Determine the correct purchase price, to include sales tax for a materials list containing a minimum of six items.
  - 21.05 Demonstrate an understanding of federal, state and local taxes and their computation.
  - 21.06 Demonstrate an understanding of broadcast math and solve time-based problems.
- 22.0 DEMONSTRATE APPROPRIATE UNDERSTANDING OF BASIC SCIENCE--The student will be able to:
- 22.01 Understand molecular action as a result of temperature extremes, chemical reaction, and moisture content.
  - 22.02 Draw conclusions or make inferences from data.
  - 22.03 Identify health-related problems, which may result from exposure to work related chemicals and hazardous materials, and know the proper precautions required for handling such materials.
  - 22.04 Understand pressure measurement in terms of P.S.I., inches of mercury, and K.P.A.
- 23.0 DEMONSTRATE EMPLOYABILITY SKILLS--The student will be able to:
- 23.01 Conduct a job search.
  - 23.02 Secure information about a job.
  - 23.03 Identify documents, which may be required when applying for a job interview.
  - 23.04 Complete a job application form correctly.
  - 23.05 Demonstrate competence in job interview techniques.
  - 23.06 Identify or demonstrate appropriate responses to criticism from employer, supervisor or other employees.
  - 23.07 Identify acceptable work habits.
  - 23.08 Demonstrate knowledge of how to make job changes appropriately.
  - 23.09 Demonstrate acceptable employee health habits.
  - 23.10 Demonstrate knowledge of the " Right-To-Know Law".
- 24.0 DEMONSTRATE AN UNDERSTANDING OF ENTREPRENEURSHIP--The student will be able to:
- 24.01 Define entrepreneurship.
  - 24.02 Describe the importance of entrepreneurship to the American economy.
  - 24.03 List the advantages and disadvantages of business ownership.
  - 24.04 Identify the risks involved in ownership of a business.
  - 24.05 Identify the necessary personal characteristics of a successful entrepreneur.
  - 24.06 Identify the business skills needed to operate a small business efficiently and effectively.
- 25.0 DEMONSTRATE COMPUTER OPERATIONS IN TELEVISION PRODUCTION--The student will be able to:
- 25.01 Demonstrate basic computer operations.
  - 25.02 Demonstrate skills in operating a teleprompter

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STUDENT PERFORMANCE STANDARDS  
PSAV Course

**OCCUPATIONAL COMPLETION POINT - B (450 Hours)**

STUDIO TECHNICIAN - (SOC 27-4031)

04.0 DEMONSTRATE CORRECT USE OF BASIC EQUIPMENT USED IN TELEVISION PRODUCTION--The student will be able to:

- 04.15 Identify and select microphones for production.
- 04.16 Place microphones for maximum effect.
- 04.17 Describe parts of cartridge machine.
- 04.18 Set-up cartridge machine for production.
- 04.19 Operate cartridge machine during recording and playback.
- 04.20 Describe parts of reel-to-reel tape machine.
- 04.21 Set-up reel-to-reel tape and cassette tape machine for production.
- 04.22 Operate reel-to-reel tape and cassette-tape machines for production.
- 04.23 Describe parts of a turntable.
- 04.24 Operate turntable for production.
- 04.25 Describe parts of an audio mixing console.
- 04.26 Operate audio mixing console.

05.0 DEMONSTRATE ABILITY TO IDENTIFY DIFFERENT TYPES OF SCRIPT COPY--The student will be able to:

- 05.01 Identify scripts by format, function and utilization.
- 05.02 Define terminology used in broadcast scriptwriting.

09.0 PERFORM VIDEO RECORDING AND EDITING OPERATIONS--The student will be able to:

- 09.01 Identify and describe different video-tape machines.
- 09.02 Describe operational parts of a videotape machine.
- 09.03 Operate video-tape machine to record and playback.
- 09.04 Describe operational parts of a video-cassette editor.
- 09.05 Perform assemble edits in linear and non-linear formats.

- 10.0 PERFORM TELEVISION PRODUCTION AND PROGRAMMING ACTIVITIES--The student will be able to:
- 10.01 Operate master switches.
  - 10.02 Operate routing switcher for production and tape dubs.
  - 10.03 Setup machine and tuner for in-house playback.
  - 10.04 Compute broadcast math.
  - 10.05 Develop script for a program.
  - 10.06 Draw storyboard for a planned production.
  - 10.07 Direct participants in production of a program.
  - 10.08 Perform on-camera.
- 11.0 PERFORM CHARACTER GENERATOR AND SPECIAL EFFECTS GENERATOR FUNCTIONS--The student will be able to:
- 11.01 Describe operational parts of character generator.
  - 11.02 Set-up character generator.
  - 11.03 Describe inputs of special effects generator.
  - 11.04 Operate special effects generator during production.
  - 11.05 Operate character generator during production.
- 12.0 OPERATE TELEVISION STUDIO AUDIO CONTROL SYSTEM--The student will be able to:
- 12.01 Identify and select microphones for production.
  - 12.02 Place microphones for maximum effect.
  - 12.03 Describe parts of cartridge machine.
  - 12.04 Set-up cartridge machine for production.
  - 12.05 Operate cartridge machine during recording and playback.
  - 12.06 Describe parts of reel-to-reel tape machine.
  - 12.07 Set-up reel-to-reel tape and cassette tape machines for production.
  - 12.08 Operate reel-to-reel tape and cassette tape machine for production.
  - 12.09 Describe parts of a turntable.
  - 12.10 Operate turntable for production.
  - 12.11 Describe parts of an audio mixing console.
  - 12.12 Operate audio mixing console.
- 13.0 PERFORM ELECTRONIC NEWS GATHERING (ENG) AND ELECTRONIC FIELD PRODUCTION (EFP) EQUIPMENT FUNCTIONS--The student will be able to:
- 13.01 Describe ENG and EFP port-a-pac components.
- 14.0 DEMONSTRATE ABILITY IN STUDIO PRODUCTION--The student will be able to:
- 14.01 Demonstrate skills in selecting production topics.
  - 14.02 Determine quality of production topics.
  - 14.03 Use appropriate equipment.
  - 14.04 Adhere to production deadlines.
- 17.0 DEMONSTRATE AN INDEPENDENT LEVEL OF PROFICIENCY IN ONE OR MORE AREAS OF TELEVISION PRODUCTION--The student will be able to:
- 17.01 Perform at an independent level of proficiency in area(s) of specification.

18.0 DEMONSTRATE AN ABILITY TO SPECIALIZE IN ONE OR MORE AREAS OF TELEVISION PRODUCTION--The student will be able to:

18.01 Survey and select area(s) for specialization in television production.

25.0 DEMONSTRATE COMPUTER OPERATIONS IN TELEVISION PRODUCTION--The student will be able to:

25.02 Access worldwide resources on the Internet.

July 2007

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STUDENT PERFORMANCE STANDARDS  
PSAV Course

Program Title: Television Production  
Postsecondary Number I100104

**COURSE DESCRIPTION:**

**OCCUPATIONAL COMPLETION POINT - C (450 Hours)**

STUDIO TECHNICIAN/EDIT ASSISTANT - INDUSTRY TITLE (SOC 27-4032)

- 06.0 DEMONSTRATE ABILITY TO INTERPRET A BROADCAST STYLE SCRIPT --The student will be able to:
- 06.04 Write broadcast scripts.
- 08.0 EXHIBIT ABILITY TO APPLY SKILLS THROUGH PLANNING, WRITING, DIRECTING, EDITING, AND RECORDING A TELEVISION PROGRAM--The student will be able to:
- 08.01 Plan a television program.
  - 08.02 Write a television program.
  - 08.03 Direct a television program.
  - 08.04 Edit a television program.
  - 09.05 Record a television program.
- 09.0 PERFORM VIDEO RECORDING AND EDITING OPERATIONS--The student will be able to:
- 09.06 Perform insert edits in linear and non-linear formats.
  - 09.07 Set-up video-tape machines.
  - 09.08 Set-up video-cassette editor.
- 13.0 PERFORM ELECTRONIC NEWS GATHERING (ENG) AND ELECTRONIC FIELD PRODUCTION (EFP) EQUIPMENT FUNCTIONS--The student will be able to:
- 13.02 Set up port-a-pac for field production.
  - 13.03 Operate port-a-pac during production segments.
- 15.0 WRITE, PRODUCE, DIRECT, AND EDIT A VARIETY OF TELEVISION PROGRAMMING--The student will be able to:
- 15.01 Write, produce, direct, and edit news programs.
  - 15.02 Write, produce, direct, and edit editorials.
  - 15.03 Write, produce, direct, and edit feature programs.
  - 15.04 Write, produce, direct, and edit interview programs.
  - 15.05 Write, produce, direct, and edit commercials.
- 17.0 DEMONSTRATE AN INDEPENDENT LEVEL OF PROFICIENCY IN ONE OR MORE AREAS OF TELEVISION PRODUCTION--The student will be able to:
- 17.01 Perform at an independent level of proficiency in area(s) of specialization.

- 18.0 DEMONSTRATE AN ABILITY TO SPECIALIZE IN ONE OR MORE AREAS OF TELEVISION PRODUCTION--The student will be able to:
- 18.01 Survey and select area(s) for specialization in television production.
- 19.0 TRANSLATE WRITTEN SCRIPT INTO A FULL TELEVISION PRODUCTION--The student will be able to:
- 19.01 Produce a television program from a written script.
- 25.0 DEMONSTRATE COMPUTER OPERATIONS IN TELEVISION PRODUCTION--The student will be able to:
- 25.03 Set up and operate a homepage on the Internet.

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Florida Department of Education  
STUDENT PERFORMANCE STANDARDS  
PSAV Course

**Program Title:** Television Production  
**Postsecondary Number** I100104

**COURSE DESCRIPTION:**

**OCCUPATIONAL COMPLETION POINT - D (300 Hours)**

TELEVISION PRODUCTION/EDIT TECHNICIAN - (SOC 27-4032)

17.0 DEMONSTRATE AN INDEPENDENT LEVEL OF PROFICIENCY IN ONE OR MORE AREAS OF TELEVISION PRODUCTION--The student will be able to:

17.01 perform at an independent level of proficiency in area(s) of specialization.

18.0 DEMONSTRATE AN ABILITY TO SPECIALIZE IN ONE OR MORE AREAS OF TELEVISION PRODUCTION--The student will be able to:

18.01 Survey and select area(s) for specialization in television production.

25.0 DEMONSTRATE COMPUTER OPERATIONS IN TELEVISION PRODUCTION--The student will be able to:

25.04 Utilize computer manipulate digital equipment and process digital signal.

## Florida Department of Education

**Course Title:** Television Production 1  
**Course Number:** 8772110  
**Course Credit:** 1

- 01.0 DEMONSTRATE KNOWLEDGE OF THE TELEVISION PRODUCTION TECHNOLOGY PROGRAM INSTRUCTIONAL SYSTEM, SAFETY PROCEDURES AND TRADE TERMINOLOGY--The student will be able to:
- 01.01 Describe the operating system of the vocational program. (VA.A.1.4)
  - 01.02 State and apply general safety rules for operation of equipment and learning activities in the lab. (PE.B.2.4)
  - 01.03 Utilize trade terminology in the television production lab. (VA.A.1.4)
  - 01.04 Utilize trade abbreviations and acronyms as appropriate. (VA.A.1.4)
  - 01.05 Transport equipment safely and securely. (PE.B.2.4)
  - 01.06 Store equipment in appropriate locations. (TH.E.1.4)
- 02.0 STAGE A SET AS DIRECTED FOR TELEVISION PRODUCTION--The student will be able to:
- 02.01 Dress a set for a television production. (TH.A.3.4)
  - 02.02 Inspect for and correct safety concerns. (PE.B.2.4)
  - 02.03 Sketch a set plan. (TH.A.3.4)
- 03.0 PERFORM LIGHTING ACTIVITIES FOR A PLANNED PRODUCTION--The student will be able to:
- 03.01 Describe types of lighting fixtures. (VA.A.1.4)
  - 03.02 Identify parts of lighting fixtures. (VA.A.1.4)
  - 03.03 Perform special effects lighting. (SC.H.1.4)
  - 03.04 Set-up appropriate lighting for a production. (VA.A.1.4)
  - 03.05 Describe functions of master lighting panel and dimmer board. (SC.B.2.4)
  - 03.06 Operate master lighting panel to dimmer board. (SC.B.1.4)
  - 03.07 Analyze lighting needs for production. (SC.H.2.4)
- 04.0 DEMONSTRATE CORRECT USE OF BASIC STUDIO EQUIPMENT USED IN TELEVISION PRODUCTION--The student will be able to:
- 04.01 Load, record and play a video-tape. (SC.C.2.4)
  - 04.02 Demonstrate the steps necessary to set up, turn on and operate a video camera. (VA.A.1.4)
  - 04.03 Demonstrate picture composition. (VA.B.1.4)
  - 04.04 Describe types of video connectors (VA.A.1.4)
  - 04.05 describe types of audio connectors (VA.A.1.4)
  - 04.06 Identify, select and demonstrate use of an appropriate microphone. (VA.A.1.4)
  - 04.07 Assemble audio and video cables. (VA.A.1.4)
  - 04.08 Troubleshoot a bad cable connection. (VA.A.1.4)
  - 04.09 Replace bulb in a light fixture. (VA.A.1.4)
  - 04.10 Identify the qualities of a good audio track. (VA.A.1.4)
  - 04.11 Demonstrate basic television lighting. (VA.A.1.4)
  - 04.12 Explain the care, storage and use of television hardware and software. (VA.A.1.4)

- 04.13 Select appropriate equipment. (VA.A.1.4)
- 04.14 Demonstrate facility and equipment inventory, maintenance and management. (MA.E.1.4)

Florida Department of Education

**Course Title:** Television Production 2  
**Course Number:** 8772120  
**Course Credit:** 1

06.0 DEMONSTRATE ABILITY TO INTERPRET A BROADCAST STYLE SCRIPT--The student will be able to:

- 06.01 Plan and produce a storyboard. (LA.B.2.4)
- 06.02 Specify steps leading to broadcast scripts. (LA.B.1.4)

07.0 EXHIBIT KNOWLEDGE OF THE TELEVISION PRODUCTION TEAM--The student will be able to:

- 07.01 List the job functions of the television production team. (TH.A.1.4)
- 07.02 Describe the steps of the production process. (TH.A.1.4)
- 07.03 Demonstrate ability to give and follow directions. (LA.C.3.4)
- 07.04 Demonstrate ability to function as a member of the production team. (LA.C.1.4)
- 07.05 Set and adhere to production deadlines.

16.0 UNDERSTAND CAREER OPPORTUNITIES IN THE TELEVISION INDUSTRY--The student will be able to:

- 16.01 Identify a career objective. (VA.A.1.4)
- 16.02 Identify sources of information concerning careers. (VA.A.1.4)
- 16.03 List the skills, attitudes, abilities and training required for jobs in the television industry. (VA.A.1.4)
- 16.04 List the rapid changes occurring in the television industry. (VA.A.1.4)
- 16.05 Describe employment opportunities in television related careers. (VA.A.1.4)
- 16.06 Explain the importance of updating occupational skills and knowledge through continued education and training. (VA.A.1.4)

## Florida Department of Education

**Course Title:** Television Production 3  
**Course Number:** 8772130  
**Course Credit:** 1

- 20.0 DEMONSTRATE APPROPRIATE COMMUNICATION SKILLS--The student will be able to:
- 20.01 Write logical and understandable statements, or phrases, to accurately fill out forms/invoices commonly used in business and industry. (LA.B.1.4), (LA.B.2.4)
  - 20.02 Read and understand graphs, charts, diagrams, and tables commonly used in this industry/occupation area. (LA.A.2.4)
  - 20.03 Read and follow written and oral instructions. (LA.A.1.4)
  - 20.04 Answer and ask questions coherently and concisely. (LA.A.2.4)
  - 20.05 Read critically by recognizing assumptions and implications and by evaluating ideas. (LA.A.2.4)
  - 20.06 Demonstrate appropriate telephone/communication skills. (LA.A.2.4)
- 21.0 DEMONSTRATE APPROPRIATE MATH SKILLS--The student will be able to:
- 21.01 Solve problems for volume, weight, area, circumference and perimeter measurements for rectangles, squares, and cylinders. (MA.B.1.4)
  - 21.02 Measure tolerance(s) on horizontal and vertical surfaces using millimeters, centimeters, feet and inches. (MA.B.1.4)
  - 21.03 Add, subtract, multiply and divide using fractions, decimals, and whole numbers. (MA.A.3.4)
  - 23.04 Determine the correct purchase price, to include sales tax for a materials list containing a minimum of six items. (MA.B.3.4), (SS.D.2.4)
  - 21.05 Demonstrate an understanding of federal, state and local taxes and their computation. ((MA.B.3.4), (SS.D.2.4)
- 22.0 DEMONSTRATE APPROPRIATE UNDERSTANDING OF BASIC SCIENCE--The student will be able to:
- 22.01 Understand molecular action as a result of temperature extremes, chemical reaction, and moisture content. (SC.A.2.4)
  - 22.02 Draw conclusions or make inferences from data. (MA.B.3.4)
  - 22.03 Identify health-related problems, which may result from exposure to work related chemicals and hazardous materials, and know the proper precautions required for handling such materials. (HE.B.1.4)
  - 22.04 Understand pressure measurement in terms of P.S.I., inches of mercury, and K.P.A. (SC.D.1.4)
- 23.0 DEMONSTRATE EMPLOYABILITY SKILLS--The student will be able to:
- 23.01 Conduct a job search. (AT.3.1.4.5)
  - 23.02 Secure information about a job. (AT.1.1.4.1)
  - 23.03 Identify documents, which may be required when applying for a job interview. (AT.1.1.4.1)
  - 23.04 Complete a job application form correctly. (AT.9.1.4.1)

- 23.06 Identify or demonstrate appropriate responses to criticism from employer, supervisor or other employees. (AT.9.1.4.1)
  - 23.07 Identify acceptable work habits. (AT.9.1.4.1), (HE.B.3.4.2)
  - 23.08 Demonstrate knowledge of how to make job changes appropriately. (AT.9.1.4.2)
  - 23.09 Demonstrate acceptable employee health habits. (HE.B.1.4.1)
  - 23.10 Demonstrate knowledge of the "Florida Right-To-Know Law" as recorded in Florida Statutes, Chapter 442.
- 24.0 DEMONSTRATE AN UNDERSTANDING OF ENTREPRENEURSHIP--The student will be able to:
- 24.01 Define entrepreneurship. (SS.D.2.4)
  - 24.02 Describe the importance of entrepreneurship to the American economy. (SS.D.2.4)
  - 24.03 List the advantages and disadvantages of business ownership. (SS.D.1.4)
  - 24.04 Identify the risks involved in ownership of a business. (SS.B.2.4)
  - 24.05 Identify the necessary personal characteristics of a successful entrepreneur. (SS.C.2.4)
  - 24.06 Identify the business skills needed to operate a small business efficiently and effectively. (MA.A.5.4)
- 25.0 DEMONSTRATE COMPUTER OPERATIONS IN TELEVISION PRODUCTION--The student will be able to:
- 25.01 Demonstrate basic computer operations. (MA.B.1.4)
  - 25.02 Demonstrate teleprompter operation. (VA.A.1.4)

## Florida Department of Education

**Course Title:** Television Production 4  
**Course Number:** 8772140  
**Course Credit:** 1

- 04.0 DEMONSTRATE CORRECT USE OF BASIC EQUIPMENT USED IN TELEVISION PRODUCTION--The student will be able to:
- 04.15 Identify and select microphones for production. (VA.A.1.4)
  - 04.16 Place microphones for maximum effect. (VA.A.1.4)
  - 04.17 Describe parts of cartridge machine. (VA.A.1.4)
  - 04.18 Set-up cartridge machine for production. (VA.A.1.4)
  - 04.19 Operate cartridge machine during recording and playback. (VA.A.1.4)
  - 04.20 Describe parts of reel-to-reel tape machine. (VA.A.1.4)
  - 04.21 Set-up reel-to-reel tape and cassette tape machine for production. (VA.A.1.4)
  - 04.22 Operate reel-to-reel tape and cassette tape machines for production. (VA.A.1.4)
  - 04.23 Describe parts of a turntable. (VA.A.1.4)
  - 04.24 Operate turntable for production. (VA.A.1.4)
  - 04.25 Describe parts of an audio mixing console. (VA.A.1.4)
  - 04.26 Operate audio mixing console. (VA.A.1.4)
- 11.0 PERFORM CHARACTER GENERATOR AND SPECIAL EFFECTS GENERATOR FUNCTIONS--The student will be able to:
- 11.01 Describe operational parts of character generator. (SC.A.1.4)
  - 11.02 Set-up character generator. (VA.A.1.4)
  - 11.03 Describe inputs of special effects generator. (VA.A.1.4)
  - 11.04 Operate special effects generator during production. (SS.B.2.4)
  - 11.05 Operate character generator during production. (SS.B.2.4)
- 14.0 DEMONSTRATE ABILITY IN STUDIO PRODUCTION--The student will be able to:
- 14.01 Demonstrate skills in selecting production topics. (LA.D.2.4)
  - 14.02 Determine quality of production topics. (VA.B.1.4)
  - 14.03 Use appropriate equipment. (VA.A.1.4)
  - 14.04 Adhere to production deadlines. (MA.B.3.4)

## Florida Department of Education

**Course Title:** Television Production 5  
**Course Number:** 8772150  
**Course Credit:** 1

05.0 DEMONSTRATE ABILITY TO IDENTIFY DIFFERENT TYPES OF SCRIPT COPY--  
 The student will be able to:

- 05.01 Identify scripts by format, function and utilization.  
 (LA.A.1.4)
- 05.02 Define terminology used in broadcast scriptwriting.  
 (VA.A.1.4)

09.0 PERFORM VIDEO RECORDING AND EDITING OPERATIONS--The student will be able to:

- 09.01 Identify and describe different video recording machines.  
 (VA.A.1.4)
- 09.02 Describe operational parts of a recording machine.  
 (VA.A.1.4)
- 09.03 Operate video recording machine to record and playback.  
 (VA A.1.4)
- 09.04 Describe operational parts of a video cassette editor.  
 (VA.A.1.4)
- 09.05 Perform assemble edits in linear and non-linear format.  
 (VA.A.1.4)

10.0 PERFORM TELEVISION PRODUCTION AND PROGRAMMING ACTIVITIES--The student will be able to:

- 10.01 Operate master switches. (VA.A.1.4)
- 10.02 Operate routing switcher for production and tape dubs.  
 (VA.A.1.4)
- 10.03 Set up machine and tuner for in-house playback. (VA.A.1.4)
- 10.04 Compute broadcast math. (MA.A.1.4)
- 10.05 Develop script for a program. (LKA.B.1.4)
- 10.06 Draw storyboard for a planned production. (VA.B.1.4)
- 10.07 Direct participants in production of a program. (TH.A.1.4)
- 10.08 Perform on-camera. (TH.A.1.4)

12.0 OPERATE TELEVISION STUDIO AUDIO CONTROL SYSTEM--The student will be able to:

- 12.01 Identify and select microphones for production. (VA.A.1.4)
- 12.02 Place microphones for maximum effect. (VA.A.1.4)
- 12.03 Describe parts of cartridge machine. (VA.A.1.4)
- 12.04 Set-up cartridge machine for production. (VA.A.1.4)
- 12.05 Operate cartridge machine during recording and playback.  
 (VA.A.1.4)
- 12.06 Describe parts of reel-to-reel tape machine.VA.A.1.4)
- 12.07 Set-up reel-to-reel tape and cassette tape machines for production. (VA.A.1.4)
- 12.08 Operate reel-to-reel tape and cassette tape machine for production. (VA.A.1.4)
- 12.09 Describe parts of a turntable. (VA.A.1.4)
- 12.10 Operate turntable for production. (VA.A.1.4)
- 12.11 Describe parts of an audio mixing console. (VA.A.1.4)
- 12.12 Operate audio mixing console. (VA.A.1.4)

13.0 PERFORM ELECTRONIC NEWS GATHERING (ENG) AND ELECTRONIC FIELD  
PRODUCTION (EFP) EQUIPMENT FUNCTIONS--The student will be able to:

13.01 Describe ENG and EFP port-a-pac components. (VA.A.1.4)

Florida Department of Education

**Course Title:** Television Production 6  
**Course Number:** 8772160  
**Course Credit:** 1

17.0 DEMONSTRATE AN INDEPENDENT LEVEL OF PROFICIENCY IN ONE OR MORE AREAS OF TELEVISION PRODUCTION--The student will be able to:

17.01 Perform at an independent level of proficiency in area(s) of specialization. (VA.A.1.4)

18.0 DEMONSTRATE AN ABILITY TO SPECIALIZE IN ONE OR MORE AREAS OF TELEVISION PRODUCTION--The student will be able to:

18.01 Survey and select area(s) for specialization in television production. (VA.A.1.4)

25.0 DEMONSTRATE COMPUTER OPERATIONS IN TELEVISION PRODUCTION--The student will be able to:

25.02 Access worldwide resources on the Internet. (MA.BB.1.4)

Florida Department of Education

**Course Title:** Television Production 7  
**Course Number:** 8772170  
**Course Credit:** 1

06.0 DEMONSTRATE ABILITY TO INTERPRET A BROADCAST STYLE SCRIPT--The student will be able to:

06.03 Write broadcast scripts. (LA.B.1.4), (LA.B.2.4)

08.0 EXHIBIT ABILITY TO APPLY SKILLS THROUGH PLANNING, WRITING, DIRECTING, EDITING, AND RECORDING A TELEVISION PROGRAM--The student will be able to:

08.01 Plan a television program. (TH.B.1.4)

08.02 Write a television program. (LA.B.1.4), (LA.B.2.4)

08.03 Direct a television program. (TH.A.2.4)

08.04 Edit a television program. (VA.A.1.4)

08.05 Record a television program. (VA.A.1.4)

09.0 PERFORM VIDEO RECORDING AND EDITING OPERATIONS--The student will be able to:

09.06 Perform insert edits in linear and non-linear format.  
(VA.A.1.4)

09.07 Set-up video-tape machines. (VA.A.1.4)

09.08 Set-up video-cassette editor. (VA.A.1.4)

Florida Department of Education

**Course Title:** Television Production 8  
**Course Number:** 8772180  
**Course Credit:** 1

- 13.0 PERFORM ELECTRONIC NEWS GATHERING (ENG) AND ELECTRONIC FIELD PRODUCTION (EFP) EQUIPMENT FUNCTIONS--The student will be able to:
- 13.01 Describe ENG and EFP port-a-pac components. (VA.A.1.4)
  - 13.02 Set up port-a-pac for field production. (VA.A.1.4)
  - 13.03 Operate port-a-pac during production segments. (VA.A.1.4)
- 15.0 WRITE, PRODUCE, DIRECT AND EDIT A VARIETY OF TELEVISION PROGRAMMING--The student will be able to:
- 15.01 Write, produce, direct and edit news programs. (VA.A.1.4)
  - 15.02 Write, produce, directs and edits editorials. (VA.A.1.4)
  - 15.03 Write, produce, direct and edit feature programs. (VA.A.1.4)
  - 15.04 Write, produce, direct and edit interview programs. (VA.A.1.4)
  - 15.05 Write, produce, directs and edits commercials. (VA.A.1.4)
- 17.0 DEMONSTRATE AN INDEPENDENT LEVEL OF PROFICIENCY IN ONE OR MORE AREAS OF TELEVISION PRODUCTION--The student will be able to:
- 17.01 Perform at an independent level of proficiency in area(s) of specialization. (VA.A.1.4)

Florida Department of Education

**Course Title:** Television Production 9  
**Course Number:** 8772190  
**Course Credit:** 1

- 18.0 DEMONSTRATE AN ABILITY TO SPECIALIZE IN ONE OR MORE AREAS OF TELEVISION PRODUCTION--The student will be able to:
- 18.01 Survey and select area(s) for specialization in television production. (VA.A.1.4)
- 19.0 TRANSLATE WRITTEN SCRIPT INTO A FULL TELEVISION PRODUCTION--The student will be able to:
- 19.01 Produce a television program from a written script. (VA.A.1.4)
- 25.0 DEMONSTRATE COMPUTER OPERATIONS IN TELEVISION PRODUCTION--The student will be able to:
- 25.03 Set-up and operate a homepage on Internet. (MA.B.1.4)

Florida Department of Education

**Course Title:** Television Production 10  
**Course Number:** 8772191  
**Course Credit:** 1

17.0 DEMONSTRATE AN INDEPENDENT LEVEL OF PROFICIENCY IN ONE OR MORE AREAS OF TELEVISION PRODUCTION--The student will be able to:

17.01 Perform at an independent level of proficiency in area(s) of specialization. (VA.A.1.4)

25.0 DEMONSTRATE COMPUTER OPERATIONS IN TELEVISION PRODUCTION--The student will be able to:

25.04 Utilize computer manipulate digital equipment and process digital signal. (MA.B.1.4)

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**Course Title:** Television Production 11  
**Course Number:** 8772192  
**Course Credit:** 1

18.0 DEMONSTRATE AN ABILITY TO SPECIALIZE IN ONE OR MORE AREAS OF TELEVISION PRODUCTION--The student will be able to:

18.01 Survey and select area(s) for specialization in television production. (VA.A.1.4)