Georgia CTAE

Audio, Video, Technology, and Film I (AVTF1) (2012)

Demonstrate employability skills required by business and industry. AAVTC-AVTFI-1	**1 Demonstrate employability skills required by business and industry.** AAVTC-AVTFI-1
Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities. 1.1	**1.1 Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities.** 1.1
Demonstrate creativity by asking challenging questions and applying innovative procedures and methods. -1.2	**1.2 Demonstrate creativity by asking challenging questions and applying innovative procedures and methods.** -1.2
Exhibit critical thinking and problem solving skills to locate, analyze and apply information in career planning and employment situations 1.3	**1.3 Exhibit critical thinking and problem solving skills to locate, analyze and apply information in career planning and employment situations** 1.3
Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity 1.4	**1.4 Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity** 1.4

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Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply team work skills. 1.5	**1.5** Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply team work skills. 1.5
Transport equipment safely and securely. 1.6	**1.6** Transport equipment safely and securely. 1.6
Understand and follow safety procedures when working with TV equipment. AAVTC-AVTFI-2	**2.1** State general safety rules for operation of equipment and learning activities specific to film and TV. 2.1
	2.2 Perform safe practices when working on assignments. 2.2
	2.3 Transport equipment safely and securely. 2.3
Understand and utilize trade terminology in an appropriate manner AAVTC-AVTFI-3	**3.1** Identify and utilize trade terminology in the media production lab. 3.1
	3.2 Identify and utilize trade abbreviations and acronyms as appropriate. 3.2
Demonstrate proper set-up and use of basic production equipment AAVTC-AVTFI-4	**4.1** Demonstrate steps necessary to set-up, turn on, and operate equipment according to instructor's directions. 4.1
	4.2 Use both traditional camcorders and non-traditional capture devices like DSLR cameras, smart phones and iPads to record and edit video. 4.2
	4.3 Demonstrate proper picture composition techniques. 4.3
	4.4 Demonstrate proper camera movement. 4.4
	4.5 Demonstrate proper use of microphones. 4.5
	4.6 Identify qualities of a technically acceptable audio track. 4.6
	4.7 Demonstrate mastery of aesthetics to include composition, coordination, balance, and color contrast. 4.7
	4.8 Demonstrate basic lighting techniques. 4.8
	4.9 Explain the care, storage, and use of media hardware and software. 4.9
	4.10 Determine proper cables for set-up and operation of production equipment. 4.10

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Demonstrate proper use and operation of studio equipment and production techniques while working as part of a production team during a studio broadcast. AAVTC-AVTFI-5	**5.1** Identify scripts by format. 5.1
	5.2 Demonstrate the steps leading to the development of various types of scripts (Brainstorm, Proposal and Treatment). 5.2
	5.3 Define terminology used in scriptwriting. 5.3
	5.4 Write scripts as assigned according to designated deadline. 5.4
	5.5 Plan. and produce a storyboard. 5.5
Demonstrate proper use and operation of studio equipment and production techniques while working as part of a production team during a studio broadcast. AAVTC-AVTFI-6	**6.1** Operate production switcher. 5.1
	6.2 Operate audio console. 5.2
	6.3 Operate recording/broadcasting equipment. 5.3
	6.4 Operate studio cameras. 5.4
	6.5 Operate character generator. 5.5
	6.6 Identify and perform duties of a floor director. 5.6
	6.7 Demonstrate basic three point lighting for studio broadcast. 5.7
Demonstrate teamwork and proper use of equipment while participating in a live field production which may include electronic news gathering, film work or streaming live events. AAVTC-AVTFI-7	**7.1** Operate field cameras. 7.1
	7.2 Demonstrate live audio recording using proper microphones and field mixer. 7.2
	7.3 Identify different types of internet connections. 7.3
	7.4 Demonstrate the difference between uploading and downloading and identify different compression methods commonly used with digital video. 7.4
Demonstrate the use of technology in recording and post-production applications. AAVTC-AVTFI-8	**8.1** Identify recording formats and compression methods used with digital media. 8.1
	8.2 Demonstrate the production of still and motion graphics. 8.2
	8.3 Capture and / or transfer digital video using editing application. 8.3
	8.4 Demonstrate basic editing techniques while producing a finished video. 8.4
	8.5 Demonstrate various methods to export completed media including DVD authoring and digital upload. 8.5
	Demonstrate basic audio editing techniques. 8.6

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	8.7 Demonstrate special effects processing to include color correction, keying and digital compositing. 8.7
Develop an understanding of audio video and film careers, describe the principal fields of specializations and identify associated career opportunities AAVTC-AVTFI-9	**9.1** Identify education requirements for audio video and film occupations and locations where programs of study are available. 9.1
	9.2 Match audio video and film job titles with qualifications and responsibilities. 9.2
	9.3 Participate in activities related to career interests. 9.3
Examine how related student organizations are integral parts of career and technology education courses through leadership development, school and community service projects and competitive events. AAVTC-AVTFI-10	**10.1** Explain the purpose, mission, objectives, motto, colors, official dress and other distinguishing characteristics of SkillsUSA. 10.1
	10.2 Explain how participation in SkillsUSA can promote lifelong responsibility for community service, professional growth and development. 10.2
	10.3 Explore the impact and opportunities SkillsUSA can develop to bring business and industry together with education in a positive working relationship through innovative leadership and career development programs. 10.3
	10.4 Explore the local, state, and national opportunities available to students through participation in SkillsUSA including but not limited to conferences, competitions, community service, philanthropy, and other SkillsUSA activities. 10.4