

# Audio Video and Technology Film II (AVTF2) (2018)

Demonstrate employability skills required by business and industry. AAVTC-AVTFII-1

- 1.1 Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities 1.1
- 1.2 Demonstrate creativity by asking challenging questions and applying innovative procedures and methods. 1.2
- 1.3 Exhibit critical thinking and problem solving skills to locate, analyze and apply information in career planning and employment situations. 1.3
- 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
- 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
- 1.6 Present a professional image through appearance, behavior and language. 1.6

Demonstrate use of multiple types and formats of programs and productions. AAVTC-AVTFII-2

- 2.1 Identify and explain a script using the following types/formats of programs and productions: ☒ Film, including short film, long form, documentary. ☒ TV, including broadcast news, commercials, TV film, drama, magazine style show, and reality TV. ☒ Web, including reality, news programming, film programming. 2.1
- 2.2 Plan and write a script following appropriate production format, including a treatment/program proposal. 2.2
- 2.3 Demonstrate editing a program using appropriate production format 2.3
- 2.4 Prepare a finished production for distribution via multiple delivery formats (i.e., phone, web, DVD, TV, and Blu-Ray). 2.4

Identify and demonstrate specified operational and set-up/maintenance

- 3.1 Review basic electrical needs for a production. 3.1
- 3.2 Review types of audio/video/data connectors and cables. 3.2
- 3.3 Describe data transfer devices and protocols. 3.3

**procedures.** AAVTC-  
AVTFII-3

**3.4 Demonstrate troubleshooting audio/video functions/signal path & distribution (i.e., output to TV, computer, web streaming, bad cable connection, and proper connectors).** 3.4

**Perform advanced editing operations.** AAVTC-  
AVTFII-4

**4.1 Edit multiple layers of video/audio and perform split audio/video edits.** 4.1

**4.2 Calculate back time and running time of production.** 4.2

**4.3 Demonstrate matching action/matching frame editing.** 4.3

**4.4 Demonstrate special effects processing to include color correction, keying and digital compositing.** 4.4

**4.5 Demonstrate maintaining proper continuity for a production.** 4.5

**Demonstrate teamwork and proper use of equipment while participating in studio productions.** AAVTC-  
AVTFII-5

**5.1 Identify and describe different studio productions (i.e., commercial, news, talk show, interview, and film)** 5.1

**5.2 Identify and develop leaders for studio production, including assigning leadership roles for producer and director.** 5.2

**5.3 Select appropriate studio equipment based on production requirements (i.e., green screens, news casts, and talk shows).** 5.3

**5.4 Demonstrate operating studio equipment, as assigned** 5.4

**5.5 Demonstrate setting and adhering to production deadlines** 5.5

**Demonstrate correct operations for studio and field lighting** AAVTC-  
AVTFII-6

**6.1 Demonstrate setting lighting required for field production (i.e., using reflectors, on camera lights, and portable lighting instruments).** 6.1

**6.2 Demonstrate designing and setting lights for a studio broadcast.** 6.2

**6.3 Demonstrate setting lights for special effects (i.e., green screen and compositing).** 6.3

**6.4 Demonstrate using light modifiers (i.e., reflectors, bounce cards, flag, cookies, and gels).** 6.4

**6.5 Demonstrate and perform correct operation of a lighting dimmer.** 6.5

**Create production graphics.** AAVTC-AVTFII-  
7

**7.1 Create production graphics.** 7.1

**7.2 Demonstrate and explain key frames, motion paths and motion tracking.** 7.2

**7.3 Describe 3D space (i.e., x,y,z axis).** 7.3

**Identify and research related career opportunities.** AAVTC-AVTFII-8

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**8.1 Identify and research a career direction.** 8.1

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**8.2 Demonstrate participating in productions to support a career direction.** 8.2

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**8.3 List and describe a mastered-skills inventory.** 8.3

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**Examine how SkillsUSA is a co-curricular part of career and technical education through leadership development, school and community service projects, and competitive events.** AAVTC-AVTFII-9

**9.1 Explain the purpose, mission, objectives, motto, colors, official dress and other distinguishing characteristics of SkillsUSA.** 9.1

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**9.2 Explain how participation in SkillsUSA can promote lifelong responsibility for community service, professional growth and development.** 9.2

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**9.3 Explore the impact and opportunities that SkillsUSA can develop to bring business and industry together with education in a positive working relationship through innovative leadership and career development programs.** 9.3

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**9.4 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.** 9.4