

Audio/Video Production II Lab

Knowledge and skills. [AVP2LAB](#)

1 The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to: [AVP2LAB.1](#)

- A** participate in training, education, or certification for employment; [AVP2LAB.1A](#)
 - B** demonstrate professional standards and personal qualities needed to be employable such as oral and written communication, leadership, teamwork, appreciation for diversity, conflict management, customer service, work ethic, and adaptability; [AVP2LAB.1B](#)
 - C** demonstrate skills related to seeking and applying for employment; [AVP2LAB.1C](#)
 - D** update a resume, cover letter/letter of interest, and career portfolio to document information such as work experiences, licenses, certifications, and work samples; and [AVP2LAB.1D](#)
 - E** demonstrate skills in evaluating and comparing employment opportunities. [AVP2LAB.1E](#)
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2 The student applies academic knowledge and skills in production projects. The student is expected to: [AVP2LAB.2](#)

- A** apply English language arts knowledge and skills by consistently demonstrating use of content, technical concepts, and vocabulary; using correct grammar, punctuation, and terminology to write and edit documents; and composing and editing copy for a variety of written documents such as scripts, captions, schedules, reports, manuals, proposals, and other client-based documents; and [AVP2LAB.2A](#)
 - B** apply mathematics knowledge and skills in invoicing and time-based mathematics by consistently demonstrating knowledge of arithmetic operations and applying measurement to solve problems. [AVP2LAB.2B](#)
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3 The student develops a perception of self, human relationships, and the world. The student is expected to: [AVP2LAB.3](#)

- A** demonstrate the value and purpose of listening, observing, concentrating, cooperating, and using emotional and sensory recall; [AVP2LAB.3A](#)
- B** develop and practice effective voice and diction; [AVP2LAB.3B](#)
- C** analyze strategies such as advertising; perpetuating stereotypes; and using visual representations, special effects, and language used by media to inform, persuade, entertain, and transform culture; [AVP2LAB.3C](#)
- D** explore the emotional and intellectual effects of visual media on viewers; and [AVP2LAB.3D](#)

- E analyze how visual and audio techniques such as special effects, editing, camera angles, reaction shots, sequencing, and music convey messages in media. [AVP2LAB.3E](#)
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4 The student applies professional communications strategies. The student is expected to: [AVP2LAB.4](#)

- A adapt language for audience, purpose, situation, and intent through structure and style; [AVP2LAB.4A](#)
 - B analyze and organize oral and written information; [AVP2LAB.4B](#)
 - C analyze, interpret, and communicate information, data, and observations; [AVP2LAB.4C](#)
 - D create and deliver formal and informal presentations; [AVP2LAB.4D](#)
 - E apply active listening skills to obtain and clarify information; [AVP2LAB.4E](#)
 - F listen to and speak with diverse individuals; [AVP2LAB.4F](#)
 - G collaborate with others in a production role such as talent, director, producer, videographer, and editor to tell a story through live or recorded productions; and [AVP2LAB.4G](#)
 - H exhibit public relations skills to increase internal and external customer/client satisfaction. [AVP2LAB.4H](#)
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5 The student understands and examines problem-solving methods. The student is expected to: [AVP2LAB.5](#)

- A employ critical-thinking skills independently and in groups; [AVP2LAB.5A](#)
 - B employ interpersonal skills in groups to solve problems; and [AVP2LAB.5B](#)
 - C demonstrate responsibility, artistic discipline, and creative problem solving by concentrating in one or more areas of audio and video production such as directing, producing, writing, videography, and editing. [AVP2LAB.5C](#)
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6 The student uses technology applications and processes. The student is expected to: [AVP2LAB.6](#)

- A use technology applications such as social media, email, Internet, writing and publishing, presentation, and spreadsheet or database applications for audio and video production projects; and [AVP2LAB.6A](#)
 - B use processes such as personal information management, file management, and file sharing. [AVP2LAB.6B](#)
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7 The student applies safety regulations. The student is expected to: [AVP2LAB.7](#)

- A implement personal and workplace safety rules and regulations throughout the production process; [AVP2LAB.7A](#)
- B recognize and resolve potential safety concerns; and [AVP2LAB.7B](#)
- C follow emergency procedures. [AVP2LAB.7C](#)

8 The student applies leadership characteristics to student organizations and professional development activities. The student is expected to: AVP2LAB.8

- A employ leadership skills to accomplish goals and objectives by exhibiting problem-solving and management traits; AVP2LAB.8A
- B employ teamwork and conflict-management skills to achieve collective goals; AVP2LAB.8B
- C establish and maintain effective working relationships by providing constructive praise and criticism, demonstrating sensitivity to and value for diversity, and managing stress and controlling emotions; AVP2LAB.8C
- D prepare for meetings by developing goals and objectives to achieve within a scheduled time and producing agendas; AVP2LAB.8D
- E conduct and participate in meetings to accomplish work tasks by achieving goals and objectives within a scheduled time; producing meeting minutes, including decisions and next steps; and using parliamentary procedures, as needed; and AVP2LAB.8E
- F employ mentoring skills to inspire and teach others. AVP2LAB.8F

9 The student applies ethical decision making and complies with laws regarding use of technology in audio/video production. The student is expected to: AVP2LAB.9

- A demonstrate an understanding of ethical conduct related to interacting with others and providing proper credit for ideas; AVP2LAB.9A
- B apply copyright laws in relation to fair use and acquisition, trademark laws, and personal privacy laws; AVP2LAB.9B
- C model respect for intellectual property; and AVP2LAB.9C
- D demonstrate proper etiquette and knowledge of acceptable use policies. AVP2LAB.9D

10 The student applies technical skills for efficiency. The student is expected to: AVP2LAB.10

- A employ planning and time-management skills to complete work tasks; and AVP2LAB.10A
- B use technology to enhance productivity. AVP2LAB.10B

11 The student demonstrates an understanding of audio and video production. The student is expected to: AVP2LAB.11

- A understand set-up, execution, and trouble-shooting of standard systems for the audio/video industry, including editing systems, wireless and wired transmission systems, cabling, and configurations for production purposes; AVP2LAB.11A
- B employ the operation of recording devices, including metering a recording signal for proper levels and proper maintenance of recording equipment; and AVP2LAB.11B
- C apply appropriate industry-related terminology. AVP2LAB.11C

12 The student understands the pre-production process. The student is expected

to: AVP2LAB.12

- A apply critical elements, including purpose, target audience, and distribution, in the pre-production stage by identifying and evaluating the production; AVP2LAB.12A
- B use advanced technology applications to facilitate pre-production by developing a budget with considerations for cast, crew, equipment, and location; AVP2LAB.12B
- C write documents of the scripting process such as treatments, storyboards, rundowns, and scripts for various types of programs; AVP2LAB.12C
- D use proper formatting for the specific type of production document; AVP2LAB.12D
- E identify specific elements of the production document needed for successful production, such as cast, props, and sound effects; AVP2LAB.12E
- F determine artistic impact of production plan; AVP2LAB.12F
- G determine the use of art elements such as color, texture, form, line, and space; AVP2LAB.12G
- H determine the principles of design such as continuity, pattern, rhythm, balance, proportion, and unity in products; AVP2LAB.12H
- I determine cast, crew, equipment, and location requirements for a successful production; AVP2LAB.12I
- J conduct auditions for the talent and secure the crew required for a successful production; and AVP2LAB.12J
- K examine various contracts related to industry tasks by using talent releases for productions. AVP2LAB.12K

13 The student applies the production process. The student is expected

to: AVP2LAB.13

- A apply the coherent sequence of events to successfully produce a script; AVP2LAB.13A
- B use lighting techniques, including three-point lighting, reflected light, color temperatures, lighting filters, lighting gels, and understand lighting and its emotional impact on productions; AVP2LAB.13B
- C demonstrate a knowledge of audio techniques by using various microphone types; AVP2LAB.13C
- D demonstrate an understanding of sound mixing and elements of a final audio mix; AVP2LAB.13D
- E execute production of the script by demonstrating teamwork and knowledge of interpersonal skills with sensitivity to diversity when directing crew and talent; AVP2LAB.13E
- F apply knowledge of the critical elements in designing activities in the production stage; AVP2LAB.13F

- G employ knowledge of digital editing by addressing various distribution formats, including electronic, disk, tapeless, and tape; [AVP2LAB.13G](#)
 - H ingest media to an editing system for the purpose of manipulating recorded media; [AVP2LAB.13H](#)
 - I properly monitor equipment to ensure quality recordings; [AVP2LAB.13I](#)
 - J set appropriate levels before recording by using broadcast standard tools; and [AVP2LAB.13J](#)
 - K identify standards for logging notes during the recording process. [AVP2LAB.13K](#)
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14 The student understands the post-production process relating to video systems.

The student is expected to: [AVP2LAB.14](#)

- A demonstrate knowledge of video systems such as digital and analog systems, software applications, and communication and network components; [AVP2LAB.14A](#)
 - B demonstrate an understanding of various input, processing, output, and storage devices; [AVP2LAB.14B](#)
 - C demonstrate an understanding of compatibility issues, including digital file formats and cross-platform connectivity; and [AVP2LAB.14C](#)
 - D demonstrate an understanding of high definition and standard definition output media. [AVP2LAB.14D](#)
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15 The student understands the post-production process relating to animation effects. The student is expected to: [AVP2LAB.15](#)

- A use character generators, fonts, colors, and principles of composition to create graphic images; and [AVP2LAB.15A](#)
 - B create captions or titles for video and graphics. [AVP2LAB.15B](#)
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16 The student understands the post-production process relating to output for distribution. The student is expected to: [AVP2LAB.16](#)

- A demonstrate proficiency in outputting production for distribution using various compression standards and techniques; [AVP2LAB.16A](#)
- B understand the relationship between file size and quality; [AVP2LAB.16B](#)
- C use various delivery formats such as disk, broadcast, cellular, portable devices, electronic, and online delivery; [AVP2LAB.16C](#)
- D determine the appropriate delivery method based on distribution needs; [AVP2LAB.16D](#)
- E extend the learning environment through digital sharing and gathering such as cloud computing, emerging collaboration technologies, data mining strategies, and mobile technologies; [AVP2LAB.16E](#)
- F use appropriate computer-based productivity tools to create and modify solutions to problems; [AVP2LAB.16F](#)

G integrate productivity tools to develop and modify solutions to problems;
and [AVP2LAB.16G](#)

H create technical documentation related to project specifications. [AVP2LAB.16H](#)

17 The student understands the post-production process relating to level of project success. The student is expected to: [AVP2LAB.17](#)

A critique production to determine how the various elements resulted in a successful or unsuccessful project; and [AVP2LAB.17A](#)

B recognize and evaluate final production as an art form. [AVP2LAB.17B](#)