

**MEDIA TECHNOLOGY 2**  
**COURSE CODE: 6125**

**COURSE DESCRIPTION:** Media Technology 2 is the second course in the Media Technology program. In this course, students continue to explore the general field of communications focused primarily on media production industries. Students will get hands-on experience in production techniques for audio and video. They will work collaboratively writing, producing, directing, and editing projects using industry-standard software and equipment. Safety is emphasized in this course and students will have the opportunity to acquire an industry-recognized safety certification. Students will also learn about related fields such as graphic design, broadcast journalism, animation, sound design and engineering, special effects, online media development, marketing, and corporate communications.

**CREDIT:** 1 (120 hours), 2 (240) per course  
dependent upon school's schedule

**RECOMMENDED GRADE LEVELS:** 9-12

**RECOMMENDED ENROLLMENT:** 20-25

**RECOMMENDED PREREQUISITE:** Media Technology 1

**RESOURCES:** [Instructional Materials](#)

**A. SAFETY**

**Proficient media professionals know the academic subject matter, including safety as required within their area. They will use this knowledge as needed in their role. The following accountability criteria are considered essential for students in the Media Technology program.**

1. Review school safety/emergency policies and procedures.
2. Review classroom safety/emergency rules and procedures.
3. Review safety procedures for using production equipment.
4. Identify major causes of work-related accidents in production environments.
5. Demonstrate safety skills in the work environment.
6. Identify and apply Occupational Safety and Health Administration (OSHA) and other health and safety regulations that apply to specific tasks and jobs in media technology.
7. Identify and apply Right-to-Know (Hazard Communication Policy) and other communicative regulations that apply to specific tasks and jobs in media technology.
8. Set a ladder safely and use it with and without equipment.
9. Illustrate appropriate, safe body mechanics, including proper lifting techniques and ergonomics.
10. Demonstrate the safe use, storage, and maintenance of equipment in the lab, studio, and classroom.
11. Describe safety practices and procedures to be followed when working with and

- working around electricity.
12. Explain how to properly remove and replace lamps.

## **B. STUDENT ORGANIZATIONS**

**Proficient media professionals know the academic subject matter, including professional development, required for proficiency within their area. They will use this knowledge as needed in their role. The following accountability criteria are considered essential for students in the Media Technology program.**

1. Identify the purpose and goals of a Career and Technology Student Organization (CTSO).
2. Explain how CTSOs are integral parts of specific clusters, majors, and/or courses.
3. Explain the benefits and responsibilities of being a member of a CTSO.
4. List leadership opportunities that are available to students through participation in CTSO conferences, competitions, community service, philanthropy, and other activities.
5. Explain how participation in CTSOs can promote lifelong benefits in other professional and civic organizations.

## **C. TECHNOLOGY KNOWLEDGE**

**Proficient media professionals know the academic subject matter, including the ethical use of technology as needed in their role. The following accountability criteria are considered essential for students in the Media Technology program.**

1. Demonstrate proficiency and skills associated with the use of technologies that are common to a specific occupation.
2. Identify proper netiquette when using e-mail, social media, and other technologies for communication purposes.
3. Identify potential abuse and unethical uses of laptops, tablets, computers, and/or networks.
4. Explain the consequences of social, illegal, and unethical uses of technology (e.g., piracy; cyberbullying, illegal downloading; licensing infringement; inappropriate uses of software, hardware, and mobile devices in the work environment).
5. Discuss legal issues and the terms of use related to copyright laws, Creative Commons, fair use laws, and ethics pertaining to downloading of images, photographs, documents, video, sounds, music, trademarks, and other elements for personal use.
6. Describe ethical and legal practices of safeguarding the confidentiality of business- related information.
7. Describe possible threats to a laptop, tablet, computer, and/or network and methods of avoiding attacks.

## **D. PERSONAL QUALITIES AND EMPLOYABILITY SKILLS**

**Proficient media professionals know the academic subject matter, including positive work practices and interpersonal skills, as needed in their role. The following accountability criteria are considered essential for students in the Media Technology program.**

1. Demonstrate creativity and innovation.
2. Demonstrate critical thinking and problem-solving skills.
3. Demonstrate initiative and self-direction.
4. Demonstrate integrity.
5. Demonstrate work ethic.
6. Demonstrate conflict resolution skills.
7. Demonstrate listening and speaking skills.
8. Demonstrate respect for diversity.
9. Demonstrate customer service orientation.
10. Demonstrate teamwork.

## **E. PROFESSIONAL KNOWLEDGE**

**Proficient media professionals know the academic subject matter, including positive work practices and interpersonal skills, as needed in their role. The following accountability criteria are considered essential for students in the Media Technology program.**

1. Demonstrate global or “big picture” thinking.
2. Demonstrate career and life management skills and goal-making.
3. Demonstrate continuous learning and adaptability skills to changing job requirements.
4. Demonstrate time and resource management skills.
5. Demonstrates information literacy skills.
6. Demonstrates information security skills.
7. Demonstrates information technology skills.
8. Demonstrates knowledge and use of job-specific tools and technologies.
9. Demonstrate job-specific mathematics skills.
10. Demonstrates professionalism in the workplace.
11. Demonstrates reading and writing skills.
12. Demonstrates workplace safety.

## **F. DEMONSTRATING PRE-PRODUCTION PRACTICES**

**Proficient media professionals demonstrate appropriate pre-production practices, as needed in their role. The following accountability criteria are considered essential for students in the Media Technology program.**

1. Demonstrate field and studio production practices.
2. Perform various duties of production personnel.

3. Generate ideas for various types of productions.
4. Research and develop ideas or concepts for production.
5. Schedule project workflow effectively and create a production schedule.
6. Write a production treatment/plan for various types/formats of productions.
7. Write a production-appropriate script and/or storyboard.
8. Determine budget requirements.
9. Design creative elements of production to include lighting, sound, props, effects, and talent.

## **G. DEMONSTRATING PRODUCTION PRACTICES**

**Proficient media professionals demonstrate appropriate production practices, as needed in their role. The following accountability criteria are considered essential for students in the Media Technology program.**

1. Define depth of field and its relationship to amount of available light, filter selection, and aperture.
2. Explain the importance of shooting for the edit.
3. Manage crew and cast required for a production.
4. Shoot/record a production script.
5. Monitor, review, and adjust a production schedule.
6. Switch between different inputs using a production switcher.
7. Evaluate and set proper color temperature of various light sources.

## **H. DEMONSTRATING POST-PRODUCTION PRACTICES**

**Proficient media professionals demonstrate appropriate post-production practices, as needed in their role. The following accountability criteria are considered essential for students in the Media Technology program.**

1. Identify and demonstrate advanced functions and resources for editing audio and video productions.
2. Log imported media utilizing post-production software.
3. Demonstrate techniques of non-linear editing using audio and video post-production software.
  - a. Graphics and special effects
  - b. Color correction
4. Define and demonstrate various types of cuts:
  - a. jump cuts
  - b. L cuts
  - c. J cuts
  - d. Cutting on action
5. Build various types of sequences:
  - a. Montage
  - b. Cut shot sequence
  - c. Parallel editing
  - d. Rough cut

6. Utilize critiques and peer reviews to evaluate projects, including a respect for peers' work and the ability to give and receive constructive criticism, using rubrics.
7. Define codec and file formats and give common uses of each.
8. Demonstrate procedures that prepare productions for publishing/ distribution.

## **I. DEMONSTRATING EMPLOYABILITY IN THE MEDIA TECHNOLOGY FIELD**

**Proficient media professionals demonstrate employability skills, as needed in their role. The following accountability criteria are considered essential for students in the Media Technology program.**

1. Explore media technology industries, organizations, and careers based on multiple sources of research and information.
2. Assess interest areas to determine potential career pathways, including career ladders.
3. Exhibit performance-based characteristics needed to obtain jobs in media technology.
4. Demonstrate the skills used when working with clients.
5. Demonstrate project management skills to estimate costs and establish a budget.
6. Explain project-based client management.
7. Create professional materials (e.g., resume, digital portfolio, and/or demo reel.)
8. Obtain credential/certification(s), if applicable.

## **J. APPLYING LEGAL REQUIREMENTS AND ETHICAL CONSIDERATIONS TO BUSINESS PRACTICES AND DECISIONS**

**Proficient media professionals demonstrate knowledge of the legal requirements and ethical considerations in business practices and decisions, as needed in their role. The following accountability criteria are considered essential for students in the Media Technology program.**

1. Research laws that regulate businesses and organizations in media industry.
2. Discuss the evolving nature of copyright and trademark laws.
3. Discuss copyright infringement and fair use exemptions.
4. Define and demonstrate ethical practices in media technology.
5. Demonstrate an understanding of bias in media industry.

## **K. ANALYZING THE HISTORY AND EVOLUTION OF MEDIA TECHNOLOGY IN THE ARTS AND SOCIETY**

**Proficient media professionals demonstrate knowledge of the history and evolution of media technology practices, as needed in their role. The following accountability criteria are considered essential for students in the Media Technology program.**

1. Identify positive and negative impacts of media technology on current society.
2. Identify key factors that have impacted the evolution of the arts, communications, and audio-video technologies.
3. Evaluate emerging and future trends related to media industry.

[Course Academic Standards and Indicators](#)

[Additional Materials and Resources](#)