



Practicum in Digital Audio Technology

PEIMS Code: N1300996

Abbreviation: PRACDAT

Grade Level(s): 11-12

Award of Credit: 2.0

Approved Innovative Course

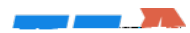
- x Districts must have local board approval to implement innovative courses.
- x In accordance with Texas Administrative Code (TAC) §74.27, districts must provide instruction in all essential knowledge and skills identified in this innovative course.
- x Innovative courses may only satisfy elective credit toward graduation requirements
- x Please refer to TAC §74.13 for guidance on endorsements.

Course Description:

The Practicum in Digital Audio Technology course is the pinnacle experience for Digital Communications program graduates, focusing on digital audio and entertainment industry preparation. This capstone course builds on learning, emphasizing practical skills.



- (8) The student implements leadership characteristics in student organizations or professional development activities. The student is expected to:
- (A) describe and employ leadership skills to accomplish goals and objectives by analyzing the various roles of leaders within organizations, exhibiting problem-solving and management traits, describing effective leadership styles, and participating in civic and community leadership and teamwork opportunities to enhance skills;
 - (B) describe and employ teamwork and conflict management skills for achieving collective goals;
 - (C) explain how providing constructive praise and criticism, demonstrating sensitivity to and value for diversity, and managing stress and controlling emotions can establish and maintain effective working relationships;
 - (D) prepare for meetings by developing goals and objectives to achieve within a scheduled time and producing agendas;
 - (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



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- (A) research and identify entrepreneurship opportunities in digital audio technology;
- (B) describe and implement standard freelance entrepreneur-promotion techniques;
- (C) develop proposals, standard billing, and collection practices;
- (D) research and describe freelance entrepreneur start practices; and
- (E) research and evaluate the challenges, risks and benefits of freelancing.

Recommended Resources and Materials:

Ballou, Glen. Handbook for Sound Engineers. New York: Focal Press, 2015.

Bartlebaugh, RSBE certification handbook for radio operators 2nd ed. Society of Broadcast Engineers, 2018.

Collins, Daniel, and Richard Swale. Carried VoIP. New York: McGraw-Hill Education, 2014.

Dittmar, Tim. Audio Engineering 101: A Beginners Guide to Music Production. New York: Routledge, 2018.

Huber, David Miles, and Robert E. Runstein. Modern Recording Techniques. Philadelphia: Taylor & Francis, 2014.

Lowe, Doug. Networking for Dummies. John Wiley and Sons, 2020.

Owsinski, Bobby. Mixing Engineer's Handbook: 4th Edition. Burbank: Bobby Owsinski Media Group, 2017.

Whitaker, JSBE broadcast engineering handbook: A handbook to station design and maintenance 1st ed. Society of Broadcast Engineers, 2018.

Recommended Course Activities:

- x Students may be assigned to interview potential customers, giving their pitch for the business, gathering customer feedback and consider revising business plans where appropriate.
- x Students may be assigned to job shadow within a digital audio environment.
- x Students may be assigned to assess businesses that have failed, determine factors associated with business closure, and prepare analysis to share with class.
- x Students may work with mentors or employers from industry to analyze and discuss digital audio employment positions.
- x Students may work with mentors on how to build and read financial statements to improve the essence of business performance in their business model of choice.
- x Students may participate in CTSO competitive events related to Digital Audio in SkillsUSA, BPA, FBLA and/or DECA to enhance and practice related skills.
- x Students may be assigned to create, mix, and design sound effects using Adobe Audition, audio editing software.

