

## **GFA 2140: Fundamentals of Sound Design with Avid Pro Tools 100**

### **6 Credit Hours**

*Prerequisite: GFA 1040*

The tools and techniques of post-production sound design are presented through lecture, demonstration, and hands-on exercises. The foundation of the curriculum is the industry-standard Avid Pro Tools Certified Training in the most recent Fundamentals 1 (PT101) and Fundamentals 2 (PT110) courses. Avid's certification training is supplemented with academic curriculum, including but not limited to: an historical overview of the sound design process and tools; current processes, procedures and terminology; project organization; audio sample rates and file types; audio manipulation; and introductory troubleshooting. Technical operations are covered, including: creating sessions; recording and importing audio and MIDI; multi-track recordings of live audio; editing session media; MIDI sequences and virtual instruments; navigating sessions and arranging media on tracks; and using basic processing and mixing techniques to finalize a production. Upon successful completion of this course, students will demonstrate the skills needed for entry-level positions in film and television post-production. Students will demonstrate knowledge of industry standards, tools and techniques related to preparation of recording, media management, editing, audio mixing, audio effects, and digital file delivery. Emphasis will be placed on understanding industry working conditions and employer expectations. Rigorous study of the PT101 and PT110 books, combined with hands-on practice, in and outside of class, will greatly aid in successfully passing Avid's two certification exams. While Avid certification is not required for successful completion of the course, passing the two certification exams will earn the student the credential of Avid Pro Tools Certified User, recognized worldwide as an industry standard for sound editors in feature film and broadcast television. This course is managed through the cooperative academic arrangement known as the Georgia Film Academy.

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