

SPRINGFIELD TECHNICAL COMMUNITY COLLEGE

ACADEMIC AFFAIRS

Course Number: TRPD 352 Department: Teleproduction & Multimedia

Course Title: Sound Design Semester: Spring Year: 1999

Objectives/Competencies

Course Objective	Competencies
<ol style="list-style-type: none">1. To provide students with a working knowledge of audio sound use in multimedia as well as to enhance and facilitate the communication of information and/or increase the entertainment value to the user.2. To provide students with the hardware knowledge necessary to digitize sound into the computer as well as both sound editing software and analog devices using audio.	<ol style="list-style-type: none">1. Comprehend the difference between analog and digital time-base media.2. Become familiar with a selection of the basic terminology of sound.3. Learn about the sources of sound.4. Understand sound formats and bit depth/frequency.5. Use digital sound editing software.6. Understand a waveform and what it represents.7. Clean up and condense narrated passages by trimming our excess information.8. Lengthen a musical score by copying parts of the notes.9. Create a seamless music loops.10. Combine several soundtracks together to form a more complex sound track.11. Synchronize sounds with visual elements.12. Lip sync 3-D characters.13. Understand time readouts and measurements.14. Make critical decisions in choosing sounds.

Course Objective	Competencies
	<p>15. Understand the unique issues and concerns of integrating time-based media.</p> <p>16. Create and understand the use of found effects.</p> <p>17. Resample and reduce sounds and file sizes.</p> <p>18. Digitize analog sound sources.</p>