SPRINGFIELD TECHNICAL COMMUNITY COLLEGE

ACADEMIC AFFAIRS

Course Number: TPRD-~~222~~ 160   Department: Digital Media Production

Course Title: Audio Production 1   Semester: F   Year: 2009

Course Objective	Competencies
1. To develop an understanding of audio production using state of the art computer based audio suites. To become competent in the use of a professional audio computer applications including interface layout and basic functions along with the operation of audio mixers and the proper use of microphones.	The student must be able to: 1. Properly open the audio editing application and save the file project to the appropriate folder 2. To set the proper scratch disk prior to a recording session 3. Customize the preferences including window layout 4. Record into the application live sound using microphones in mono and stereo 5. Play an audio clip and edit in the Timeline 6. Mix multiple audio tracks including music and voice 7. Operate an audio surface control 8. Add effects and filters to audio clips 9. Finish and output (Bounce) an audio project in multiple formats

Course Objective	Competencies
	10. Save a project correctly and quit the application. 11. Operate an audio mixer includes: phantom power, reading VU meters, faders, pans, and eq. 12. Adjust sound levels using faders 13. Connect a microphone to a mixer 14. Connect a mixer to the digital audio suite 15. Identify type(s) of microphone along with polar pattern 16. Microphone placement and general use 17. Understanding sound waves, stereo vs mono, hertz, frequency and feedback.