

SPRINGFIELD TECHNICAL COMMUNITY COLLEGE

ACADEMIC AFFAIRS

Course Number: TRPD 452 Department: Teleproduction & Multimedia
Course Title: Multimedia Interactive Semester: Spring Year: 1999
Authoring

Objectives/Competencies

Course Objective	Competencies
<ol style="list-style-type: none">1. To provide students with a hands-on introduction to the various metaphors of interactive multimedia authoring applications.2. Students will complete individual CD-ROM projects. This includes constructing all the components including sound video, animation, text and graphics.	<ol style="list-style-type: none">1. Have a working knowledge of a multimedia authoring program.2. Import various media types into authoring programs.3. Understand and control compression of video as used in CD-ROM's.4. Organize files to be shared on CD-ROM's.5. Author media to be used on cross platform6. Burn a hybrid CD-ROM.7. Understand and implement debugging and scripting errors.8. Control the many components on the CD-ROM such as a user interface.9. Use simple programming language to control media on CD-ROM's.10. Organize authoring environment.11. Understand color palettes.12. Synchronize sounds with visual elements.

Course Objective	Competencies
	<ul style="list-style-type: none">13.Lip sync 3-D characters.14.Understand time readouts and measurements.15.Make critical decisions in choosing sounds.16.Understand the unique issues and concerns of integrating time-based media.17.Create and understand the use of sound effects.18.Resample and reduce sounds and file sizes.19.Digitize analog sound sources.