

Media Studies (MED)

Courses

MED-110. Multimedia I. 3 Credits.

LECT 45 hrs

Multimedia I is a survey course designed to allow students to explore, discuss, develop and use multimedia technology. This computer-based course offers an extensive overview of the technologies of multimedia. Students engage in issues related to usability, management and distribution. Topics include multimedia development and design, media elements, and emerging hardware and software trends. Several projects throughout the course give students hands-on experience with a variety of digital multimedia tools.

Additional Fees: Course fee applies.

MED-113. Multimedia II. 3 Credits.

LECT 45 hrs

An advanced course designed to allow students to apply the theory and basic practical knowledge presented in Multimedia I. Students apply their knowledge productions for DVD, local networks or the Internet. Students incorporate traditional media production elements such as video and audio combined with the latest features and technologies. Conceptualization, user interface design and prototyping are key course elements. A multimedia prototype project that demonstrates conceptual and technical understanding is required.

Prerequisites: MED-110

Additional Fees: Course fee applies.

MED-119. Digital Media Production. 3 Credits.

LECT 45 hrs

This course provides students with theory and training in the area of digital content development for digital media productions. Software and hardware training in digital video, audio, animation, and graphics are introduced. In addition, the appropriate use of these areas of content in developing digital media productions and interface design are discussed.

Additional Fees: Course fee applies.

MED-210. Digital Video Editing. 3 Credits.

LECT 30 hrs LAB 30 hrs

This course provides students with the fundamental principles of video editing with a focus on the techniques and technology used to achieve a superior final product. An in-depth exploration of non-linear editing concepts includes a deeper understanding of primary, secondary and tertiary motion, shot types, sequencing, transitions and continuity. Students learn to log and capture raw video, assemble shots on a timeline, create, add, and edit text, audio tracks, title animation, effects, transitions, continuity and video compositing. This course is ideal for students who wish to create and edit a professional video for broadcast, webcast and other motion media venues.

Prerequisites: MED-113 or COM-211

Additional Fees: Course fee applies.

MED-213. Multimedia Authoring and Design. 3 Credits.

LECT 45 hrs

Using industry-standard authoring software, students apply multimedia technology to assemble a real-world interactive multimedia project. Concepts and principles of user interface design, digital audio and video production, team production techniques and usability testing are employed. As members of a production team, students plan, manage and implement a complex multimedia production project.

Prerequisites: MED-113

Additional Fees: Course fee applies.

MED-220. Animation. 3 Credits.

LECT 45 hrs

This is an introductory course in 3D modeling and animation software to create animated imagery for video and multimedia applications. Software includes 3D Studio Max (3D animation) and Adobe Premiere and AfterEffects (digital video). Through assigned projects, students learn to combine live video and animation with compositing and bluescreening techniques.

Additional Fees: Course fee applies.

MED-240. Advanced Animation. 3 Credits.

LECT 45 hrs

This advanced-level course is a continuation of MED-220 Animation and is designed to expose students to high-end 3-D modeling tools for digital animation, electronic post-production, digital special effects and digital multimedia. This course explores advanced applications in digital compositing, particle systems, Newtonian algorithms, kinematic, dynamation and 3-D characters.

Prerequisites: MED-220

Additional Fees: Course fee applies.

MED-292. Special Topics in Media. 3 Credits.

LECT 45 hrs

An examination of selected topics or issues in media. Topics may differ each time the course(s) is/are offered. Students should consult the department chair for further information. Available only to Digital Media Technology majors.

Prerequisites: Permission of department chair

Additional Fees: Course fee applies.