

# COURSE DESCRIPTIONS

## EDUCATIONAL MEDIA

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### **EDMD 5033: Introduction to Instructional Technology**

An introductory media and media methods course providing an introduction to: instructional computer utilization; applications of principles of graphic design in the production of audiovisual materials; the application of visual literacy, communications, and learning theory to the selection, evaluation, and use of instructional materials; and the development of mediated units of instruction.

### **EDMD 5043: Foundations of Online Curriculum Design and Evaluation**

This course presents an overview of curriculum development and an introduction to the Instructional Systems Design Model. Participants will learn to design and evaluate curriculum, develop instructional materials, assess student learning and measure instructional outcomes for use in online classes for K-12. Topics include preparation of course outlines and syllabi, development of lessons plans, design of evaluation instruments and an explanation of how learning objectives and evaluation strategies affect the selection of content and materials.

### **EDMD 5053: Online Course Development with Multimedia**

This course will introduce participants to study of the latest techniques and software to enhance the creation and design of online learning courses or programs. This class will present an overview of graphics, audio, video, Flash, and other multimedia used to develop online learning activities. This course will also introduce students to audio and video technologies, general multimedia tools and those specialized in accessing learners with disabilities. Participants will be introducing to the concepts of streaming vs. progressive download vs. download, different multimedia, streaming formats and illustrated audio.

### **EDMD 5063: Advanced Curriculum Design for the Online Classroom**

Prerequisites: EDMD 5033 Introduction to Instructional Technology and MAT 5703 Technology for Teaching and Learning or approval or instructor  
This class examines elements of effective instructional design for the online learning environment. Students will learn how to create tailored instructional models based on course objectives, target audience, subject matter content, class management and assessment methods. This course will study the design of effective, reliable assessment techniques and evaluation models for online learning. The course is comprised of three major phases of the design process (Analysis, Design, and Development) that guide students through converting or developing course material for an online course. Participants in this course will also create a capstone project focusing on their lessons from throughout the entire Teaching Online certificate program. This course will focus on student's progress and practical application to current or prospective work opportunities. Students will work collaboratively with an advisor before submitting their final project.

### **EDMD 6113: Emerging Technologies for Education and Training**

This course is a study of different technologies available for administrative, instructional, and management uses in education and training and focuses on both the current technologies available and those in the adjacent future. Students will explore the affordances provided by these technologies for productivity, skill development, and content creation.

### **EDMD 6123: Audio in Media**

Prerequisite: EDMD 5033 Introduction to Instructional Technology or similar introductory course in instructional technology or by permission of instructor.

A study of the technology of sound and the process of producing sound for media programs. The course covers the principles and equipment of sound, pre-production planning, production processes and post-production editing, and the technology of sound. In addition to the study of the principles of sound production, students will apply theories and principles in the production of media programs through a series of production assignments.

### **EDMD 6133: Production of Digital Instructional Materials**

Prerequisite: EDMD 5033 Introduction to Instructional Technology or approval of instructor

Advanced applications, techniques, and processes involved in the production of instructional materials. Emphasis is placed on the production of completed education and training units using digital images, electronic presentations, and web-based materials.

### **EDMD 6163: Internet Resources**

An introduction to resources available on the Internet as well as the tools needed to navigate within a worldwide network of computers, made up of thousands of autonomous networks which are separately administered.

### **EDMD 6233: Administration of Media Programs**

Prerequisite: Nine (9) hours of graduate study or approval of instructor.

A study of the administrative responsibility involved in the organization, implementation, and operation of comprehensive media programs. Specific areas of study include: planning, budgeting, selection of equipment and materials, computerizing administrative functions, proposal development, and program evaluation. Will include site visits to area media centers and training facilities.

### **EDMD 6303: Survey of Instructional Technology**

A survey of current media research, educational media formats, and utilization of mediated materials in education and training, and the development of instructional programs.

### **EDMD 6313: Instructional Design and Product Development**

Prerequisites: Nine hours of instructional technology courses, including a media production course.

A study of the systematic approach to the design, production, evaluation, and utilization of instructional materials. Using design models and general theoretical knowledge specifications, students will write goals and objectives, identify learner characteristics, conduct task analyses, define learning conditions and instructional events, produce instructional products to meet identified needs, and field test finished products.

### **EDMD 6333: Instructional Multimedia**

A study of the human, persuasive, and communicative elements of the medium of television; the effective use of television in education and training; and the writing, producing, directing, and editing of one-camera and studio television productions.

### **EDMD 6433: Practicum in Educational Media**

An overall view of the field of educational media and instructional technology. Current journals, trends, and authorities in the field will be studied. Students will participate in 120 hours (3 hrs. credit) OR 240 hours (6hrs. credit) of practical work in media centers or training facilities, will visit selected media centers, and will submit a research paper or project on current trends in educational media or instructional technology.

Note: Required of all library media specialist students.

\$50 course fee.

### **EDMD 6436: Practicum in Educational Media**

An overall view of the field of educational media and instructional technology. Current journals, trends, and authorities in the field will be studied. Students will participate in 120 hours (3 hrs. credit) OR 240 hours (6hrs. credit) of practical work in media centers or training facilities, will visit selected media centers, and will submit a research paper or project on current trends in educational media or instructional technology.

Note: Required of all library media specialist students.

\$100 course fee.

### **EDMD 6513: Computer Based Instruction**

An introduction to the use of the computer as a classroom tool to aid in individual instruction. A survey of existing programs available to support courseware development and use on microcomputers, minicomputers, and mainframes. Hands-on experience in developing an interactive instruction lesson.

Note: May not be taken for credit after completion of COMS 4513/5513 or equivalent.

### **EDMD 6881: Workshop**

Prerequisite: Permission of instructor.

The workshop will require the equivalency of fifteen clock hours of instruction per credit hour.

### **EDMD 6882: Workshop**

Prerequisite: Permission of instructor.

The workshop will require the equivalency of fifteen clock hours of instruction per credit hour.

### **EDMD 6883: Workshop**

Prerequisite: Permission of instructor.

The workshop will require the equivalency of fifteen clock hours of instruction per credit hour.

### **EDMD 6891: Instructional Technology Curriculum**

Open to graduate students who wish to pursue individual study or investigation of some facet of knowledge which complements the purpose of the University's graduate program. Students will be required to plan their studies and prepare formal written reports of their findings.

Note: The selected topic may not constitute any duplication of study leading to the accomplishment of a thesis.

### **EDMD 6892: Instructional Technology Curriculum**

Open to graduate students who wish to pursue individual study or investigation of some facet of knowledge which complements the purpose of the University's graduate program. Students will be required to plan their studies and prepare formal written reports of their findings.

Note: The selected topic may not constitute any duplication of study leading to the accomplishment of a thesis.

### **EDMD 6893: Instructional Technology Curriculum**

Open to graduate students who wish to pursue individual study or investigation of some facet of knowledge which complements the purpose of the University's graduate program. Students will be required to plan their studies and prepare formal written reports of their findings.

Note: The selected topic may not constitute any duplication of study leading to the accomplishment of a thesis.