

Instr Tech (EDLT)

Courses

EDLT 5516 Integration of Technology into School Curriculum: 3 semester hours.

Examination of appropriate and effective uses of technology in K-12 environments; focus on research-proven methods and integration strategies for online and hybrid teaching/learning environments that incorporate current and emerging digital tools.

EDLT 5599 Experimental Course: 1-6 semester hours.

The content of this course is not described in the catalog. Title and number of credits are announced in the Class Schedule. Experimental courses may be offered no more than three times with the same title and content. May be repeated.

EDLT 6601 Foundations of Instructional Design and Technology: 3 semester hours.

Introduction to the foundations of instructional design and technology, including principles, models, and theories that guide the development of formal and informal learning.

EDLT 6611 Instructional Systems Design: 3 semester hours.

A systematic study of the instructional design process: how instruction is designed, produced, and implemented. Students will design and create instructional learning materials.

EDLT 6612 Multimedia Design and Development: 3 semester hours.

A systematic review of principles of effective multimedia development for instruction. Students will design and develop instructional learning materials.

EDLT 6613 Designing Online Instruction: 3 semester hours.

A review of current and emerging technologies and practices for the design and development of online learning materials. Students will design and develop online instructional materials.

EDLT 6614 Instructional Gaming and Simulations: 3 semester hours.

A review of the theory and practice of designing, developing, and implementing games and simulations for instructional purposes. Students will design and develop an educational game or simulation related to their chosen content area.

EDLT 6616 Integration of Technology into School Curriculum: 3 semester hours.

Examination of appropriate and effective uses of technology in K-12 environments; focus on research-proven methods and integration strategies for online and hybrid teaching/learning environments that incorporate current and emerging digital tools.

EDLT 6621 Issues and Trends in Instructional Design and Technology: 3 semester hours.

Examination and discussion of current issues and innovations in instructional design and technology. Includes analysis of relevant historical and current trends and issues.

EDLT 6622 Assessment for Digital Formats: 3 semester hours.

In-depth study of assessment methods and instruments focusing on learner outcomes in digital environments. Students will develop test blueprints, surveys, selected response items, and rubric; conduct item analyses; and, collect reliability and validity evidence.

EDLT 6646 Multimedia Design Theory: 3 semester hours.

Investigation and application of the theories and principles guiding the appropriate design of multimedia for education.

EDLT 6648 Independent Problems in Education: 1-3 semester hours.

Individual work under staff guidance. Field and/or library research on specific educational problems of interest to graduate students in education. Experience in research composition. May be repeated.

EDLT 6649 Seminar: 1-3 semester hours.

Critical analysis of the literature in one or more areas of instructional design and technology. Enrollment limited. May be repeated.

EDLT 6650 Thesis: 1-6 semester hours.

1-6 Credits. May be repeated. Graded S/U.

EDLT 6651 Field Project or Case Study in Education: 1-6 semester hours.

A Field Project or Case Analysis is completed in conjunction with the field practicum/internship and/or an educational setting scenario. Written report and oral explication required. May be repeated. Graded S/U.

EDLT 6652 Field Practicum in Education: 1-6 semester hours.

Individually designed practicum in an educational setting. The length, placement, and learning experiences will be determined in consultation with the major advisor. May be repeated. Graded S/U.

EDLT 6659 Online Teaching Internship: 3,6 semester hours.

Candidates assume instructional and management responsibilities in supervised online elementary/secondary settings. Includes weekly professional development consultations. All coursework as indicated in the Online Teaching Endorsement program of study must be completed prior to enrollment in the Online Teaching Internship course. Graded S/U. PREREQ: Permission of Instructor

EDLT 6680 Special Topics in Instructional Design and Technology: 3 semester hours.

Investigation at an advanced level in an area of instructional design and technology research, development, implementation, evaluation, or management. Content intentionally varies based upon the degree cohort and instructor. May be repeated for up to 9 credits.

EDLT 6699 Experimental Course: 1-6 semester hours.

The content of this course is not described in the catalog. Title and number of credits are announced in the Class Schedule. Experimental courses may be offered no more than three times with the same title and content. May be repeated.

EDLT 7726 Learning Theories and the Design of Instruction: 3 semester hours.

Overview and application of learning theories and how they impact the practice of an instructional designer.

EDLT 7733 Developmental Research: 3 semester hours.

This course explores the nature and background of developmental research; describes its various types by examining representative projects; analyses its differing methodological approaches; describes its trends and issues; and discusses the future of this type of research within the field of Instructional Design and Technology.

EDLT 7735 Evaluation of Educational Products and Programs: 3 semester hours.

This course covers multiple approaches and methodologies for both the evaluation of educational products as well as educational programs. Further emphasis will be on writing analysis reports and evaluations.

EDLT 7737 Practicum: 3 semester hours.

This is an individually designed field experience in an area of technology, supporting and extending course work within this area of concentration. The length, placement, and prescribed learning experiences will be determined in consultation with the Educational Technology advisor. May be repeated for maximum of 12 credits.

EDLT 7740 Instructional Systems Design I: 3 semester hours.

Examination of the instructional design process; applications of current research related to development of instructional multimedia materials.

EDLT 7742 Graphics in Instruction: 3 semester hours.

Theory and application of instructional graphic creation and editing. Course makes use of appropriate design and development software for creating instructional graphics.

EDLT 7743 Audio and Video in Instruction: 3 semester hours.

Theory and application of instructional audio and video creation and editing. Course makes use of appropriate design and development software for creating instructional audio and video.

EDLT 7744 Instructional Systems Design II: 3 semester hours.

Advanced study of instructional design process. Includes consideration of current research related to formative and summative evaluation techniques for multimedia design.

EDLT 7745 Instructional Design for Distance Learning Delivery: 3 semester hours.

Exploration of effective uses of multimedia materials in the distance learning environment. Includes investigation of skills needed for creating instructional media for distance learning. PREREQ: EDLT 7742 and EDLT 7744.

EDLT 7748 Independent Problems in Instructional Design: 1-3 semester hours.

Individual field work and/or library research under staff guidance on specific instructional design problems of interest to doctoral students in the Instructional Design program. May be repeated. PREREQ: Permission of instructor.

EDLT 7749 Instructional Design Seminar: 3 semester hours.

Critical analysis of research and emerging issues and trends in Instructional Design. May be repeated up to 6 credits. PREREQ: Membership in Ph.D. Doctoral Cohort.

EDLT 7780 Spec Topics Instruct Design: 3 semester hours.

Investigation at an advanced level in an area of Instructional Design research, development, implementation, evaluation, or management. Content intentionally varies depending on the doctoral cohort and faculty. May be repeated up to 6 credits. PREREQ: Membership in Ph.D. Doctoral Cohort. Graded S/U.

EDLT 7799 Experimental Course: 1-6 semester hours.

This is an experimental course. The course title and number of credits are announced in the class schedule by the scheduling department. Experimental courses may be offered no more than three times with the same title and content.

EDLT 8850 Dissertation: 1-10 semester hours.

Variable credits. Graded S/U.