

INSTRUCTIONAL, DESIGN, DEVELOPMENT & EVALUATION (IDE)

IDE 500 Selected Topics (1-6 Credits)

School of Education

Exploration of a topic (to be determined) not covered by the standard curriculum but of interest to faculty and students in a particular semester. Repeatable

IDE 552 Digital Media Production (3 Credits)

School of Education

Use of new media tools to develop digital instructional media. Includes introduction and instruction on contemporary and emerging media development tools, including graphics, video editing, web design, and mobile technology.

Shared Competencies: Critical and Creative Thinking (<https://coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-thinking/>); Information Literacy and Technological Agility (<https://coursecatalog.syracuse.edu/shared-competencies/information-literacy-and-technological-agility/>)

IDE 600 Selected Topics (1-6 Credits)

School of Education

Exploration of a topic (to be determined) not covered by the standard curriculum but of interest to faculty and students in a particular semester. Repeatable

IDE 611 Technologies for Instructional Settings (3 Credits)

School of Education

Students gain knowledge, skills and experiences with a variety of information and communication technologies relevant to educational contexts, create instructional materials and resources, and examine critical issues related to information technologies used in instructional settings.

IDE 621 Principles of Instruction and Learning (3 Credits)

School of Education

Theories of learning and instruction, factors affecting human learning, youth through adult, with implications for the design and management of instruction.

IDE 631 Instructional Design and Development I (3 Credits)

School of Education

Major aspects of instructional design and development emphasizing learning outcomes, instructional objectives, and strategies in the context of theory and practice. Emphasis on knowledge and skills required to create instructional design rationale.

IDE 632 Instructional Design and Development II (3 Credits)

School of Education

Instructional design and development theory and practice. The knowledge and skills required to select, revise, and apply instructional development models.

IDE 641 Techniques in Educational Evaluation (3 Credits)

School of Education

Applied, programmatic techniques for evaluating educational/training programs and projects. Units focus on planning, client relations, problem analysis, data collection and analysis, reporting, evaluation management, and ethics.

IDE 651 Message Design for Digital Media (3 Credits)

School of Education

Combines message design theory with basic technology skills development to create technology-based or enhanced instructional materials.

IDE 656 Computers as Critical Thinking Tools (3 Credits)

School of Education

Double-numbered with IDE 456

Integrating computer technology applications into instruction to promote critical thinking in learners. Multiple software tools are explored and instructional applications developed. Additional work required of graduate students.

IDE 670 Experience Credit (1-6 Credits)

School of Education

Participation in a discipline or subject related experience. Student must be evaluated by written or oral reports or an examination. Permission in advance with the consent of the department chairperson, instructor, and dean. Limited to those in good academic standing.

Repeatable

IDE 680 Internship and Fieldwork in Educational Technology (1-9 Credits)

School of Education

Designed to provide students with practical experience in the application of technology to education in school and business settings. Cooperative work coordinated by the instructor with a site supervisor is required.

Repeatable

IDE 690 Independent Study (1-6 Credits)

School of Education

Exploration of a problem, or problems, in depth. Individual independent study upon a plan submitted by the student. Admission by consent of supervising instructor(s) and the department.

Repeatable

IDE 700 Selected Topics (1-6 Credits)

School of Education

Exploration of a topic (to be determined) not covered by the standard curriculum but of interest to faculty and students in a particular semester. Repeatable

IDE 712 Analysis for Human Performance Technology Decisions (3 Credits)

School of Education

Cross-listed with TRF 775

Addresses analytical techniques used to determine educational or training program solutions. Participants examine human behavior and the role that instruction can have in changing behavior on the job and in society.

IDE 736 Motivation in Learning and Instruction (3 Credits)

School of Education

Theories of motivation relevant to the design, development, implementation, and evaluation of instructional systems. Learning and performance environments are reviewed, analyzed, and applied. Methods to make instructional processes personally relevant and meaningful.

IDE 737 Advanced Instructional Design (3 Credits)

School of Education

Capstone course. Additional learning experience helping students develop confidence in their role as designers. Students will storyboard, critique, enhance, and evaluate an instructional unit while learning about advanced design techniques.

IDE 741 Concepts and Issues in Educational Evaluation (3 Credits)*School of Education*

Major theoretical approaches to evaluation of educational products, personnel, projects, programs and policies are reviewed, analyzed, and critiqued. Pragmatic implications for educational and social policy, as well as evaluation practice are highlighted.

IDE 742 Introduction to Survey Research (3 Credits)*School of Education*

Provides knowledge and skills in basic survey design, sampling, instrument construction, data collection, and ethics of questionnaire and interview surveying.

IDE 756 Design of Online Courses (3 Credits)*School of Education*

Double-numbered with IDE 457

Explore, design, and critique online instruction; study online instructor and learner competencies; create guidelines for interactivity and resources uses in online courses; experience asynchronous and synchronous, individual and collaborative online activities. Additional work required of graduate students.

IDE 761 Strategies in Educational Project Management (3 Credits)*School of Education*

Management tactics, skills, procedures, and tools for planning and administering educational projects. Includes planning, implementing, maintaining, and closing projects; investigating project management issues on scope, changes, and quality.

IDE 764 Planned Change and Innovation (3 Credits)*School of Education*

Social change in education, models of the change process, diffusion and implementation strategies. Case study analyses in schools and higher education and other organizational settings.

IDE 771 Methods and Techniques for Teaching and Training Adults (3 Credits)*School of Education*

Philosophy, research, and practice in teaching/ training adults. Workshop provides opportunities to improve up-front delivery style and to try out different instructional methods, techniques, and strategies.

IDE 772 Educational Technology in International Settings (3 Credits)*School of Education*

Issues arising in application of instructional principles, strategies, and processes in international settings. Impact of educational technology reforms around the world; issues and challenges in designing multicultural learning; social aspects of instructional design, development, evaluation.

IDE 800 Selected Topics (1-6 Credits)*School of Education*

Exploration of a topic (to be determined) not covered by the standard curriculum but of interest to faculty and students in a particular semester. Repeatable

IDE 830 Doctoral Seminar in Design and Development (3 Credits)*School of Education*

As new technologies emerge, new instructional design research and practice issues arise. Advanced seminar investigating and discussing models and research topics in the area of instructional design and development.

IDE 831 Knowledge Management in Instructional Design (3 Credits)*School of Education*

Knowledge management systems. Design, development, and implications of learning and performance solutions that integrate knowledge management systems technology. Demonstration of knowledge management technologies. Project-centered.

IDE 841 The Nature and Design of Inquiry (3 Credits)*School of Education*

Cross-listed with EDU 841

Overview of social, academic, and psychological aspects, including fundamental mental abilities of inquiry. Introduction to full range of quantitative and qualitative inquiry strategies and practice in research topic identification, problem formation, and study design.

IDE 850 Doctoral Seminar in Conducting Literature Reviews (3 Credits)*School of Education*

Develop advanced knowledge in student's field of study through the process of learning how to conduct a literature review; learn how to successfully communicate and defend understanding of study area. Repeatable 2 times for 6 credits maximum

IDE 880 Adv Seminar/Sel Top (1-6 Credits)*School of Education*

Repeatable

IDE 900 Selected Topics (1-6 Credits)*School of Education*

Exploration of a topic (to be determined) not covered by the standard curriculum but of interest to faculty and students in a particular semester. Repeatable

IDE 970 Experience Credit (1-6 Credits)*School of Education*

Participation in a discipline or subject related experience. Student must be evaluated by written or oral reports or an examination. Permission in advance with the consent of the department chairperson, instructor, and dean. Limited to those in good academic standing. Repeatable

IDE 980 Internship and Fieldwork in Instructional Technology (1-9 Credits)*School of Education*

Practical experience in administration of instructional technology programs. Cooperative work under the direction of a supervisor and faculty advisor. Involvement in all aspects of the school's instructional-technology program. Repeatable

IDE 990 Independent Study (1-6 Credits)*School of Education*

In-depth exploration of a problem or problems. Individual independent study upon a plan submitted by the student. Admission by consent of supervising instructor or instructors and the department. Repeatable

IDE 999 Dissertation (1-9 Credits)*School of Education*

Repeatable 9 times for 9 credits maximum