

Instructional Technology

Degree: Master of Education
Division: Graduate Education
Building 77, Room 143
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College: Professional Studies

Instructional Technology professionals provide critical assistance for national and international education and training initiatives in the 21st century. The M.Ed. in Instructional Technology prepares education, military, and business and industry professionals to meet the challenges of complex education and training problems. Developing innovative solutions to organizational problems and providing for just-in-time support to employees and learners permits students to develop a variety of instructional technology-related skills. With the advent of the information explosion, industry, the military, and educational systems look for alternative and systematic strategies in the education and training of employees and of children. Students in the M.Ed. program select two specializations in addition to the program core requirements. Available specializations are: Curriculum and Technology, Development, Technology Leadership, and Telecommunications.

Graduates of the M.Ed. in Instructional Technology are working in performance or distance environments, designing, producing, and evaluating instructional materials, and managing teams or technology projects.

In addition to general University requirements, students seeking the M.Ed. in Instructional Technology must meet the requirements listed below.

Course descriptions are listed alphabetically by prefix in the end of this *Catalog*.

ADMISSION REQUIREMENTS

Students are required to provide a letter of intent including the name, address, and phone number of three professional references. The completed application will be reviewed by the division Graduate Admissions Committee.

DEGREE REQUIREMENTS

To be eligible for an M.Ed. degree in Instructional Technology, a student must:

- A. Complete degree requirements within five years from the date of admission; and
- B. Be recommended for graduation by the Division of Technology, Research, and Development; and
- C. During the last semester of enrollment, participate in a technology showcase scheduled by the division chairperson.

Core Requirements (18 sh)

EDF	6218	Psychological Foundations for Education: Learning & Instruction	3
EDF	6404	Educational Statistics I	3
EDF	6481	Educational Research	3
EDG	5332	Principles of Instructional Design & Product Development	3

EME	6053	Foundations of Instructional Technology	3
EME	6601	Needs Assessment & Evaluation in Instructional Technology Environments	3

Specialization Areas (18 sh)

Students will earn 9 sh in any two specialization areas.

Curriculum and Technology (9 sh)

EME	6408	Integrated Technology Learning Environments	3
EME	6607	Instructional Technology Planning and Change Course offered 1-5 sh per semester	3
		5000/6000level Teacher Education elective approved by advisor	3

Development (9sh)

EME	6414C	Web-Based Instructional Tools for Educators	3
EME	6415	Designing Instructional Courseware	3
EME	6505	Instructional Television	3
EME	7811	Multimedia and Hypermedia Learning Environments	3

Technology Leadership (9 sh)

EME	6314	Technology for Leaders	3
EME	6628	Contract Administration: Large Scale Instructional Technology Systems	3
		5000/6000 level Educational Leadership elective approved by advisor	3

Telecommunications (9 sh)

EME	5315	Technology Tools: Site-Based Educational Networks	4
EME	5403	Education and Training Technology Support Systems	4
EME	5457	Distance Education Technologies	3
EME	6409	Distance Learning Implementation	3
EME	6632	IT Tools and Issues Course offered 1-3 sh per semester	3

Technology Showcase (0 sh)

During the last semester of enrollment, students will participate in a technology showcase scheduled by the department chairperson.