

# INSTRUCTIONAL TECHNOLOGY

Degree: Master of Education  
Certificate: Human Performance Technology  
Division: Engineering and Computer Technology  
Building 77, Room 131  
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<http://cops.uwf.edu/dectect@uwf.edu>  
College: Professional Studies

Instructional Technology professionals provide critical assistance for national and international education and training initiatives in the 21<sup>st</sup> 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. Contact the department concerning the HPT certificate.

Graduates of the M.Ed. in Instructional Technology work 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's 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 Department of Instructional and Performance Technology; 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<br>Education: Learning & Instruction.....         | 3 |
| EDF 6404 | Educational Statistics I .....  | 3 |
| EDF 6481 | Educational Research.....   | 3 |
| EDG 5332 | Principles of Instructional Design<br>& Product Development .....               | 3 |
| EME 6054 | Foundations of Instructional Technology .....                                   | 3 |
| EME 6601 | Needs Assessment & Evaluation in<br>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<br>Learning Environments.....     | 3 |
| EME 6607                           | Instructional Technology<br>Planning and Change .....   | 3 |
| Course offered 1-5 sh per semester |   |   |
| 5000/6000 level                    | Teacher Education elective approved<br>by advisor ..... | 3 |

**Development (9sh)**

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

**Technology Leadership (9 sh)**

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

**Telecommunications (9 sh)**

|                                    |  |   |
|------------------------------------|--|---|
| EME 5403                           | Education and Training<br>Technology Support Systems ..... | 4 |
| EME 5457                           | Distance Education Technologies.....                       | 3 |
| EME 5625                           | Technology Tools: Site-Based<br>Educational Networks ..... | 4 |
| EME 6409                           | Distance Learning Implementation .....                     | 3 |
| EME 6632                           | IT Tools and Issues .....                                  | 3 |
| Course offered 1-3 sh per semester |  |   |

**Technology Showcase (0 sh)**

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