



Master of Education Career and Technical Education

The Master of Education in Career and Technical Education is designed to provide a distinctive program to address the emerging need for practitioners and occupational trainers with knowledge specifically in the broad Career and Technical Education community, especially as it relates to the latest workforce development, educational teaching, and occupational training practices. While this program provides a comprehensive understanding of the intended program outcomes, it does not lead to licensure, certification, or endorsement.

The program consists of an advanced 30-semester hour program of study (10 courses) with three concentration options. The program requirements include a core of 15 semester hours (5 courses), 9 hours (3 courses) in one of three concentrations, and an additional 6 semester hours (2 courses) of electives.

Three Concentration Tracks:

- Curriculum and Instruction
- Instructional Technology
- Leadership

3 Concentrations: What track is right for me?

Curriculum and Instruction

What makes this track different?

The curriculum and instruction concentration courses focus on the development of curriculum and implementation of instruction tailored to the area in which the participant is working. Participants will gain an understanding of the latest research and theories behind curriculum design and learn how to execute those plans and adapt them to specific learning environments.

Who should consider this track?

Individuals who would like to advance their knowledge and skills in instruction of others.

What skills will this track provide?

Program Evaluation:

- Evaluate data, communicate findings to stakeholders, and build an action plan
- Evaluating and improving curriculum development processes

Strategic Planning: Identify and prioritize goals and objectives

Curriculum Development: Enriching instructional best practices and developing curriculum tools

What to expect in the coursework that is different than the other tracks?

The focus of these concentration courses is on teaching and learning at all levels.

Courses:

- CE 520 Curriculum Development
- CE 550 Performance Analysis and Assessment

• CE 620 – Teaching and Training

Instructional Technology

What makes this track different?

Instructional technology is the use of a variety of digital technology such as the internet, web-based applications, computer devices, online resources, and more to facilitate and enhance learning and training.

Who should consider this track?

Those whose job duties include creating engaging and effective training and/or learning/informational experiences.

What skills will this track provide?

- Design and develop an ePortfolio/website
- Design collaborative exercises using Google Drive products
- Create course specific digital imagery
- Design, develop, and implement online multimedia
- Create interactive training materials using course authoring software
- Create and deliver presentations using presentation software
- Design and develop multimedia informational presentations

What to expect in the coursework that is different than the other tracks?

In addition to learning content, technology skills will also be learned and practiced.

- Instructional design exercises give students skills relevant for the future
- Practical projects in design give students a competitive edge in the field
- Students considering a new career path in design gain insight, skills, and applications to share with future employers

Courses:

- ED 530 Community Partnerships and Relations
- ED 540 Technology Integration for Teaching and Training
- ED 610 Technology for Educational Leaders

Leadership

What makes this track different?

The leadership concentration distinguishes itself from the other two tracks by focusing on the development of leadership skills that are applicable in many areas of business, industry, and education.

Who should consider this track?

Individuals who have the desire to advance beyond their current position or take a leadership position within their place of work.

What skills will this track provide?

The skills learned in this track include learning how to:

- Communicate effectively
- Become a mindful leader
- Lead by example
- Lead others
- Delegate tasks
- Listen to others

What to expect in the coursework that is different than the other tracks?

The coursework combines theory and practice, allowing students to learn the habits of effective leaders and then apply these principles in their current position

Courses:

- ED 530 Community Partnerships and Relations
- ED 560 Mindful Leadership
- ED 600 Industrial Management and Teambuilding