

# Career and Technical Education

## Introduction

**Master of Science Degree** The graduate program in career and technical education is designed to increase the professional competence of those who plan to serve in a high school or post high school program as a teacher, coordinating teacher, coordinator, supervisor, Career and technical education coordinator or administrator of vocational education. Learning experiences in the immediate professional setting include internship, outreach courses and independent study.

## Admission

To be admitted with full status to this program, the applicant must hold a bachelor's degree from an accredited college and have an overall grade point average of at least 2.75.

Applicants with undergraduate degrees and certification in the various subject areas of vocational-technical education are generally eligible.

Applicants with appropriate subject matter backgrounds, but who do not have the required professional education, will need to complete, for undergraduate credit, at least one appropriate methods course. This should be completed early in the program.

Applicants for the emphasis in Career and Technical Education Coordinator (CTEC) must complete, for undergraduate credit, a course in the principles, issues and/or philosophy of vocational-technical education. (*Request additional admission information from the program director for the CTEC concentration.*)

Prior to the awarding of the degree, the student must present evidence of the necessary amount and kind of occupational experience as specified by the appropriate state certifying agency.

A deficiency in these admission requirements does not preclude admission, but may require completion of additional undergraduate work and/or increase the amount of graduate credit required to earn a degree.

## Primary Evaluation Processes

The primary processes used to evaluate program and academic progress include course grades, research evaluation, certification of program completion, and the following program specific processes: application; degree candidacy; and intent to graduate.

## Requirements

The requirements for this degree include (a) completion of at least 30 semester hours of graduate credit with an overall graduate grade point average of 3.0 or better; a minimum of 15 credits must be in courses open only to graduate students – 700 level; (b) approval for degree candidacy at the appropriate time; and (c) a course distribution which is outlined here:

### Preparation in Research

#### 7-11 credits

TECED-739	Introduction to Research in Vocational/Technology Education .....	1
CTE-735	Problems in Vocational Education ( <i>required in CTEC</i> ) or	
CTE-770	Thesis-Vocational Education .....	2-6
EDUC-740	Research Foundations .....	4

### Concentrations

#### Teaching

20-24 credits

CTE-502	Principles of Vocational, Technical and Adult Education .....	2
PSYC-730	Advanced Psychology of Learning .....	2
TECH-532	Futures of Technology .....	2

*Plus, appropriate courses in the teaching/learning process.*

#### Administration

20-24 credits

CTE-502	Principles of Vocational, Technical and Adult Education .....	2
PSYC-730	Advanced Psychology of Learning .....	2
TECH-532	Futures of Technology .....	2

*Plus, appropriate courses in administration.*

#### Career and Technical Education Coordinator

22-23 credits

*This is the certification program for Career and Technical Education Coordinators in Wisconsin; similar positions exist in other states. Degree candidates choose between a research and a non-research option.*

#### Required Core

CTE-560	Cooperative Occupational Education Programs .....	2
CTE-708	Issues in Career and Technical Education .....	2
CTE-710	Coordination and Supervision of Vocational Education .....	2
CTE-XXX	Policy and Issues in Career and Technical Education .....	2
CTE-746	Seminar .....	1-3
EDUC-575	Grant Writing .....	2
EDUC-726	Administration .....	2-3
EDUC-742	Program Evaluation .....	2
PSYC-579	Public Relations .....	2
SPSY-753	Psychometric Theory and Application .....	2

#### Non-Research Option (CTEC only)

CTE-XXX	Interpreting Career and Technical Education Research .....	3
---------	--	---

*Select 11 credits from the following:*

CTE-784	Internship-Local Vocational Education Coordinator <i>or</i>	
CTE-797	Field Experience .....	1-8
EDUC-750	Curriculum Theory and Practice .....	2-3
INMGMT-616	People Process Culture .....	2
INMGMT-750	Organizational Development .....	3
PSYC-730	Advanced Psychology of Learning .....	2

---

**Marketing Education** **4 credits**

MEBE-701	Issues in Vocational Marketing Education .....	2
MEBE-702	Improving Marketing Education Methods/Materials .....	2

---

**Special Needs** **20-24 credits**

CTE-502	Principles of Vocational, Technical and Adult Education .....	2
CTE-710	Coordination and Supervision of Vocational Education .....	2
SPEC-630	Inclusion of Students With Exceptional Needs .....	3
PSYC-730	Advanced Psychology of Learning .....	2

Select remaining credits from the following:

TECH-733	Impacts of Technology .....	2
CTE-534	Task Analysis .....	2
CTE-560	Cooperative Occupational Education Programs .....	2
CTE-746	Seminar .....	1-3
CTE-780	Internship – Vocational Education .....	4-8
CTE-792	Administration – Vocational, Technical and Adult Education .....	2
EDUC-536	Multiculturalism: Issues and Perspectives .....	2
SPED-516	Psychology of the Exceptional Child .....	2-3
SPED-518	Introduction to Teaching/Assessment in Special Education .....	2
SPED-526	Practicum in Special Education .....	2
SPED-662	Classroom Management Techniques .....	3
REHAB-723	Procedures of Vocational Evaluation .....	3

---

**Preparation for Further Development**

*The student should confer with the program adviser in choosing the elective credits to complete the 30-hour degree requirements. There is considerable flexibility in the program with regard to electives, and they may be taken as needed to fulfill the individual goals and objectives of the student. Generally, if appropriate to your goal, electives may be chosen from your technical field. Persons preparing to teach will select advanced courses in their subject field. This bulletin lists graduate level technical courses, which are available for graduate credit in certain individual situations. Students are urged to investigate advanced subject matter courses suitable to their particular teaching field; in some teaching areas, it may be desirable to transfer them from another institution. However, prior approval to take any course should be obtained.*