

# CAREER AND TECHNICAL STUDIES

Degree: Bachelor of Science  
 Specializations: Technology Education  
 Career & Technical Program Development  
 Career & Technical Teacher Education  
 School: Education  
 Building 77, Room 125  
 (850) 474-2484  
<http://uwf.edu/education/ect@uwf.edu>  
 College: Professional Studies  
 Semester Hours Required for Degree: 120  
 Faculty: K. Rasmussen (Chairperson), J.T. White

The Career and Technical Studies Program offers training in Technology Education, Career and Technical Education Program Development, and Career and Technical Education. Technology Education is the K-12 school subject area that provides “technological literacy for all.” The program allows teaching candidates to gain a fundamental understanding of our human-made (technological) world to plan, teach, and assess relevant technology related classes in the schools. The focus is on the nature of technology, technology and society, technological design, technological products, systems and impacts, and the designed world technologies including medical, agricultural, bio, energy, power, information, communication, transportation, manufacturing, and construction technologies. The Program Development Specialization is designed to prepare students to plan, supervise, conduct, and evaluate training programs in business, industry, and government. The Career and Technical Studies/Career and Technical Teacher Education Specialization offers training in career program development and career teacher education. The teacher education sequence prepares students to work in career academies and career institutes at the high school level. Completion of this program will result in a degree in career and technical teacher education. Certification in vocational education in Florida is granted by local school districts. Documented minimum of 2 years of full-time work experience is required.

## PROGRAM REQUIREMENTS

Candidates for admission to the Technology Education Specialization must meet and complete admission requirements detailed under Admission to Teacher Education. These requirements include, but are not limited to, satisfactory completion of the General Knowledge, Professional, and Subject Area portions of the Florida Teacher Certification Examination (FTCE). Requirements for Teacher Education programs may change due to legislative mandates. Therefore, the actual program requirements may differ from those listed in the Catalog. Candidates must inquire with the Chair of the School of Education or an advisor to obtain the most current program requirements. In addition to general University requirements, students seeking the B.S. in

Career and Technical Studies must meet the requirements listed below. Consult with your academic advisor for courses which may satisfy both the General Studies requirements and common prerequisites. A minimum grade of “C” must be earned in courses required by the department.

---

## TECHNOLOGY EDUCATION SPECIALIZATION

---

### General Studies (36 sh)

For additional information see the General Studies section of this *Catalog*.

### Common Prerequisites (9 sh)

State mandated common prerequisites must be completed prior to graduation, but are not required for admission to the program.

EDF	1005	Introduction to Education..... 3 [EDF X005]
EDG	2701	Teaching Diverse Populations..... 3 [EDG X701]
EME	2040	Introduction to Educational Technology..... 3 [EME X040]

In addition to EDG X701, a minimum of 6sh with an international or diversity focus is required. Eligible courses will be determined by the community college or university where the student is currently earning the A.A. or B.S. Foreign language courses may be used to meet this requirement.

### Lower Division Electives (15 sh)

Sufficient 1000/2000 level electives to complete at least 60 semester hours in the lower division. Current UWF students may use elective courses at any level (1000-4999) to meet this elective requirement.

### Major (30-33 sh)

EDF	3234	Applied Foundations of Education..... 3
EVT	3065	Principles of Career and Technical Studies . 3
EVT	3124	Integrated Methods ..... 3
EVT	3367	Career and Technical Instruction Evaluation ..... 3
EVT	4562	Introduction to Career and Technical Special Needs Education ..... 3
EVT	4123	Methods for Teaching Middle/High School Technology Education ..... 3
TSL	4080	ESOL Principles and Practices..... 3
RED	3324	Teaching Reading in the Middle and Secondary Schools ..... 3
EDG	4940	Student Teaching ..... 3-6
EDM	3942	ESOL/Reading Professional Practicum II .... 3

### Major-Related (30 sh)

Students must complete thirty hours in technology education to include credit in four (4) of the ten (10) areas specified by the State of Florida. Consult advisor for courses that meet each area requirements. (Courses are included as possible options.)

**Content areas (potential courses):**

**Material and Manufacturing**  
(ETI 3112, ETI 3445, ETI 3704)

**Drafting and Design Technology**  
(ETD 2320)

**Energy and Power Technology**  
(EET 4513, EET 4548, EET 4930, EET 4935)

**Graphics Communication Technology**  
(ART 2600C, ART 3484C, EME 2042)

**Electronics Technology**  
(EET 2141C, EET 2142C; EET 4146)

**Construction Technology**  
(BCN 2272, BCN 2405, BCN 3281C, BCN 3571, BCN 3590, BCN 3731, BCN 3762, BCN 4431, BCN 4461, BCN 4564, BCN 4701)

**Transportation Technology**  
**Biomedical Technology**  
**Information Technology**  
(CIS 3021, EME 3402, EME 3406, EME 4313, EME 4622, EME 4627)

**Industrial Systems Technology**  
(ETI 3704, ETI 4411, EET 3504C, EST 4538)

---

**CAREER & TECHNICAL PROGRAM  
DEVELOPMENT SPECIALIZATION**

---

**General Studies (36 sh)**

For additional information see the General Studies section of this *Catalog*.

**Common Prerequisites (0 sh)**

**Lower Division Electives (24 sh)**

Sufficient 1000/2000 level electives to complete at least 60 semester hours in the lower division. Current UWF students may use elective courses at any level (1000-4999) to meet this elective requirement.

**Major (38 sh)**

EME	3402	Information Engineering Technology: An Overview .....	3
		Course offered 1-3 sh per semester	
EVT	3065	Principles of Career and Technical Studies.....	4
EVT	3165	Course Construction for Career and Technical Teaching.....	3
EVT	3367	Career and Technical Instructional Evaluation.....	3
EVT	3945	Supervised Field Problems .....	3
		Course offered 1-3 sh per semester	
EVT	4380	Special Methods in Career and Technical Studies.....	4
EVT	4560	Selection and Guidance of Career and Technical Studies Students .....	3
EVT	4562	Introduction to Career and Technical Special Needs Education .....	3
EVT	4930	Seminar .....	3
		Advisor approved electives .....	9

**Major-Related (9 sh)**

EDF	3234	Applied Foundations of Education.....	3
MAN	3025	Management Fundamentals.....	3
		3000/4000 level advisor-approved elective .....	3

**Upper Division Electives (13 sh)**

Sufficient 3000/4000 level electives to meet UWF's requirement of 48 semester hours in the upper division or completion of all departmental requirements at the 3000/4000 level, whichever is greater.

---

**CAREER & TECHNICAL TEACHER  
EDUCATION SPECIALIZATION**

---

**General Studies (36 sh)**

For additional information see the General Studies section of this *Catalog*.

**Common Prerequisites (9 sh)**

Same as Technology Education Specialization.

**Lower Division Electives (15 sh)**

Sufficient 1000/2000 level electives to complete at least 60 semester hours in the lower division. Current UWF students may use elective courses at any level (1000-4999) to meet this elective requirement.

**Major (50 sh)**

EDF	3234	Applied Foundations of Education .....	3
EDG	4940	Student Teaching .....	6
		Course offered 3-12 sh per semester	
EEX	3070	Methods in Inclusion and Collaboration .....	3
EME	3402	Information Engineering Technology: An Overview.....	3
		Course offered 1-3 sh per semester	
ESE	3321C	General Methods for Teaching Secondary School Subjects .....	3
ESE	4322	Instruction, Management, and Assessment, Secondary Education .....	3
EVT	3065	Principles of Career and Technical Studies..	4
EVT	3165	Course Construction for Career and Technical Teaching.....	3
EVT	3367	Career and Technical Instructional Evaluation.....	3
EVT	4560	Selection and Guidance of Career and Technical Studies Students.....	3
EVT	4562	Introduction to Career and Technical Special Needs Education.....	3
RED	3324	Teaching Reading in the Middle & Secondary Schools.....	3
TSL	4080	ESOL Principles & Practices.....	3
TSL	4081	Empowering Teachers to Teach English to ESOL Students .....	3

*Choose one:*

DEC	4401	Special Teaching Methods: Distributive Education .....	4
EVT	4310	Strategies for Planning and Operating Health Occupations Education.....	4
EVT	4380	Special Methods In Career and Technical Studies .....	4
EVT	4381	Special Methods of Teaching Business Education .....	4

**Major-Related Courses (10 sh)**

Additional courses necessary to satisfy Florida Teacher Certification requirements as determined by a review of student's course work and vocational specialty area.

**Upper Division Electives (0 sh)**