## Technical Education and Industry Training (B.S.)

### College of Education and Human Performance

#### Department of Child, Family and Community Sciences, Education Complex, Room: ED 123 N

**http://education.ucf.edu/teched/**  
Dr. Jo Ann M. Whiteman, ED 123 N, JoAnn.Whiteman@ucf.edu, 407-823-5305

This program offers upper division courses via the World Wide Web. Students must complete all University-wide graduation requirements (general education, foreign language, Gordon Rule, etc.), some of which are not available via distributed learning. For more information, see [http://distrib.ucf.edu/home](http://distrib.ucf.edu/home).

### Admission Requirements

- Complete the University General Education requirements or its equivalent, (i.e. an AA degree from an approved Florida College System or State University institution).
- Have a minimum 2.5 overall GPA
- Complete prerequisite courses
- Meet the Gordon Rule Requirement
- Meet Foreign Language Admission Requirement

### Degree Requirements

- Students should consult with an Education advisor prior to registration.
- This degree is for students in adult Technical Education and Industry Training. Some students are full-time or part-time teachers in the public school sector, including middle schools, high schools, adult technical centers and community and state colleges. Some serve as technical education teachers with the Department of Corrections. Other program participants are retired military personnel who were technicians or trainers and now wish to become teachers or industry-specific trainers. All students have set a common goal of attaining a bachelor's degree in an area that draws upon their experiences, interests, and expertise. This degree does not lead to initial teacher certification at the state level.

#### 1. UCF General Education Program (GEP)  
(36 hrs)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Course Code</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>A: Communication Foundations</td>
<td>ENC 1101 Composition I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Required</td>
<td>SPC 1608 Fundamentals of Oral Communication</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Preferred</td>
<td>EME 2040 Introduction to Technology for Educators</td>
<td>3 hrs</td>
</tr>
<tr>
<td>B: Cultural &amp; Historical Foundations</td>
<td>ENC 1101 Composition I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Required</td>
<td>ENC 1101 Composition II</td>
<td>3 hrs</td>
</tr>
<tr>
<td>C: Mathematical Foundations</td>
<td>MGF 1106 Finite Mathematics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>D: Social Foundations</td>
<td>EDF 2055 Introduction to the Teaching Profession</td>
<td>3 hrs</td>
</tr>
<tr>
<td>E: Science Foundations</td>
<td>EDF 2055 Introduction to Diversity for Educators</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

#### 2. Common Program Prerequisites (CPP)  
(9 hrs)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Course Code</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDF 2055</td>
<td>Introduction to the Teaching Profession</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EDF 2055</td>
<td>Introduction to Diversity for Educators</td>
<td>3 hrs</td>
</tr>
<tr>
<td>EME 2940</td>
<td>Introduction to Technology for Educators</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

#### 3. Core Requirements: Basic Level  
(57 hrs)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Course Code</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADE 4382</td>
<td>Teaching Adult Learners in Technical Programs</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ECT 3062</td>
<td>Professional Roles of the Career &amp; Technical Teacher</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ECT 3365</td>
<td>General Methods/Testing Evaluation in Career &amp; Technical Education</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ECT 3367</td>
<td>Evaluation of Career &amp; Technical Education Instruction</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ECW 3564</td>
<td>Special Populations in Career &amp; Technical Education</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ECT 4004</td>
<td>Principles and Practices of Technical Education</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ECT 4184</td>
<td>Curriculum Development Techniques for Industry Training</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ECT 4384</td>
<td>Advanced Teaching Techniques for Career Education</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

#### 4. Core Requirements: Advanced Level  
(57 hrs)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Course Code</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BTE 4410</td>
<td>Course Construction in Business Education</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ECW 3312</td>
<td>Course Construction in Health Occupations Education</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ECT 3371</td>
<td>Course Construction in Industrial Education</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

#### Select 1:

<table>
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<tr>
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<th>Hours</th>
</tr>
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<tr>
<td>ECT 3371</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### Technical Specialization Requirements  
(30 hrs)

- Students must complete an area of specialization through occupation-specific courses approved by advisor.

#### 5. Restricted Electives  
(18 hrs)

- Upper Division Electives | 6 hrs
  - With advisor's approval

### Directed Field Experience  
(12 hrs)

- The Technical Specialization must be satisfied and all courses must be completed prior to registering, through your advisor, for the Directed Field Experience. This supervised internship may be completed in an educational or industrial setting, or with the UCF program faculty assisting in teaching web-based courses.

### 6. Capstone Requirements

- None

#### 7. Foreign Language Requirements

- Admissions
  - State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

### Graduation

- None

#### 8. Electives

- None

#### 9. Additional Requirements

- None

#### 10. Required Minors

- None

#### 11. Departmental Exit Requirements

- Achieve a minimum 2.5 GPA in all courses within the major.

#### 12. University Minimum Exit Requirements

- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 46 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

### Total Semester Hours Required

- 120

#### Honors In Major

- None

#### Related Programs

- None

#### Certificates

- None

#### Related Minors

- None

#### Advising Notes

- None

#### Transfer Notes

- None

#### Acceptable Substitutes for Transfer Courses

- None

### Plan of Study  
(120 hrs)

<table>
<thead>
<tr>
<th>Semester</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman Year - Fall</td>
<td>15 hrs</td>
</tr>
<tr>
<td>ENC 1101 Composition I</td>
<td>3 hrs</td>
</tr>
<tr>
<td>MGF 1106 Finite Mathematics</td>
<td>3 hrs</td>
</tr>
<tr>
<td>SPC 1608 Fundamentals of Oral Communication</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Social Foundations Course (Pref State General)</td>
<td>3 hrs</td>
</tr>
<tr>
<td>Education Core Course</td>
<td>3 hrs</td>
</tr>
</tbody>
</table>

### Cultural-Historical Foundations Course  
(3 hrs)
# UCF Degree Programs

**Freshman Year - Spring**  
ENC 1102 Composition II 3 hrs  
Select 1: 3 hrs  
- STA 1063C Basic Statistics Using Microsoft Excel or 3 hrs  
- STA 2014C Principles of Statistics 3 hrs  
- Cultural-Historical Foundations Course ( Prefer State General Education Core Course) 3 hrs  
- Cultural-Historical Foundations Course 3 hrs  
- Social Foundations Course 3 hrs  

**Sophomore Year - Fall** 12 hrs  
EDF 2005 Introduction to the Teaching Profession 3 hrs  
EME 2040 Introduction to Technology for Educators 3 hrs  
Technical Specialization Course 3 hrs  
Science Foundations Course 3 hrs  
Foreign Language Course (if needed) 4 hrs  

**Sophomore Year - Spring** 12 hrs  
EDF 2085 Introduction to Diversity for Educators 3 hrs  
Technical Specialization Course 3 hrs  
Technical Specialization Course 3 hrs  
Science Foundations Course ( Prefer State General Education Core Course) 3 hrs  
Foreign Language Course (if needed) 4 hrs  

**Sophomore Year - Summer** 6 hrs  
ECW 3564 Special Populations in Career & Technical Education 3 hrs  
Select 1: 3 hrs  
- ECW 3312 Course Construction in Health Occupations Education or 3 hrs  
- ECT 3371 Course Construction in Industrial Education 3 hrs  

**Junior Year - Fall** 15 hrs  
ECT 3365 General Methods/Testing Evaluation in Career & Technical Education 3 hrs  
Technical Specialization Courses 12 hrs  

**Junior Year - Spring** 15 hrs  
ECT 3062 Professional Roles of the Career & Technical Teacher 3 hrs  
ECT 3367 Evaluation of Career & Technical Education Instruction 3 hrs  
Technical Specialization Courses 9 hrs  

**Junior Year - Summer** 6 hrs  
ECT 4004 Principles and Practices of Technical Education 3 hrs  
ECT 4184 Curriculum Development Techniques for Industry Training 3 hrs  

**Senior Year - Fall** 12 hrs  
ADE 4382 Teaching Adult Learners in Technical Programs 3 hrs  
ECT 4384 Advanced Teaching Techniques for Career Education 3 hrs  
Upper Division Electives 6 hrs  

**Senior Year - Spring** 12 hrs  
ECT 4941 Internship 12 hrs  

**Senior Year - Summer**  
- See advisor for certification details.  

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**Program Academic Learning Compacts**  
- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at:  
  [http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm](http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm)