

## Career and Technical Education

### Bachelor of Science Degree Industrial Education Option

The Department of Technology at Eastern Kentucky University offers a four-year Career and Technical Education/Industrial Education teaching option leading to the Bachelor of Science Degree. This option prepares graduates for teaching positions as technical teachers—those who plan to teach at the secondary or post-secondary level in vocational/technical schools or technical colleges. In addition to the courses shown here, the student is required to have 2000 hours of approved and supervised work experience or three years of approved work experience before the degree is awarded.

#### First Semester

BTO 100	Academic Orientation	1
ENG 101 or 105	English Composition (IA)	3
TEC 161	Computer Applications in Tech.	3
Gen. Ed.	Biology (IVA)	3
Gen. Ed.	Oral Communication (IC)	3
Gen. Ed.	Wellness (VI)	<u>3</u>
		16

#### Second Semester

ENG 102	English Composition (IB)	3
MAT 107	College Algebra (II)	3
Gen. Ed.	Arts (IIIA)	3
Gen. Ed.	History (VA)	3
	Technical Electives*	<u>6</u>
		18

#### Third Semester

EDF 103	Introduction to Education	1
Gen. Ed.	Breadth of Knowledge (VII)	3
Gen. Ed.	Humanities (IIIB)	3
Gen. Ed.	Social & Behavioral Science (VB)	3
	Technical Electives*	<u>6</u>
		16

#### Fourth Semester

CTE 261	Foundations of CTE	3
Gen. Ed.	History or SBS (VC)	3
Gen. Ed.	Physical Science Lab (IVB)	3
	Technical Electives*	<u>6</u>
		15

#### Fifth Semester

CTE 363	Evaluation in Career & Tech Ed.	3
TEC 349	Co-op Study or Tech. Electives*	9
Gen. Ed.	Breadth of Knowledge (VII)	<u>3</u>
		15

#### Sixth Semester

SED 401	Exceptional Learners	3
Gen. Ed.	Depth of Knowledge (VIII)	3
	Technical Electives*	<u>12</u>
		18

#### Seventh Semester

CTE 361	Course Materials in CTE	3
EDF 319	Human Development & Learning	3
ESE 552	Teach Career/Tech Ed in Mid/Sec	3
Gen. Ed.	Depth of Knowledge (VIII)	3
	Technical Electives*	<u>6</u>
		18

#### Eighth Semester

+CTE 463	Practicum in CTE	<u>12</u>
		12

***Total Hours = 128***

\*Laboratory courses in the area or related to the area the individual is planning to teach. The selection must be approved by the advisor and department chair. Eighteen semester hours maximum may be allowed by proficiency examination (CTE 204, 205, 206, 304, 305, 306) for these electives. Nine semester hours maximum may be allowed for supervised work experience (TEC 349). Forty-five (45) technical hours are required.

+In-service teachers should substitute CTE 463 (4 hrs), CTE 164, CTE 364, SED 104 and TEC 161 for CTE 463 (12 hrs), EDF 103 (1 hr), SED 401 and ESE 552.