



EASTERN KENTUCKY UNIVERSITY

College of Business & Technology

SUGGESTED CURRICULUM GUIDE FOR CAREER & TECHNICAL EDUCATION (TEACHING) (B.S. DEGREE) INDUSTRIAL EDUCATION OPTION – Fall 2008

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.

Freshman (1st Semester) 16 hrs

BTO 100 Orientation (1 hr)
ENG 101 or 105 English Composition (IA)
TEC 161 Computer Applications in Tech.
Block IV A Biology
Block I C Oral Communication
Block VI Wellness

Sophomore (1st Semester) 16 hrs

EDF 103 Introduction to Education (1 hr)
Block VII Breadth of Knowledge
Block III B Humanities
Block V B Social & Behavioral Science
Technical Electives* (6 hrs)

Junior (1st Semester) 15 hrs

CTE 363 Evaluation in Career & Tech Ed
TEC 349 Co-op Study or Tech. Electives* (9 hrs)
Block VII Breadth of Knowledge

Senior (1st Semester) 18 hrs

CTE 361 Course Materials in CTE
EDF 319 Human Development & Learning
ESE 552 Teach Career/Tech Ed in Mid/Sec
Block VIII Depth of Knowledge
Technical Electives* (6 hrs)

Freshman (2nd Semester) 18 hrs

ENG 102 English Composition (IB)
MAT 107 College Algebra (II)
Block III A Arts
Block V A History
Technical Electives* (6 hrs)

Sophomore (2nd Semester) 15 hrs

CTE 261 Foundations of CTE
Block VC History or SBS
Block IV B Physical Science Lab
Technical Electives* (6 hrs)

Junior (2nd Semester) 18 hrs

SED 401 Exceptional Learners
Block VIII Depth of Knowledge
BTS 300 Business & Technology Seminar (0 credit)
Technical Electives* (12 hrs)

Senior (2nd Semester) 12 hrs

CTE 463** Practicum in CTE (12 hrs)
BTS 400 Business & Technology Seminar (0 credit)

*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.



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BACHELOR OF SCIENCE – Department of Technology
Career and Technical Education (Teaching) Area Major, Industrial Education Option

University Requirement.....	1 hr
BTO 100	
General Education Requirements.....	48 hrs
Standard General Education program (MAT 107 or higher). Refer to Section Four of this Catalog for details on the General Education and University Requirements.	
Major Requirements.....	76-79 hrs
Professional Education Core	31-34 hrs
EDF 103*(1), CTE 261, 361, 363, 463(12) or ESE 499(12) and ESE 490, EDF 319, ESE 552, SED 401.	
Program Options:	
Industrial Education**	45 hrs
Forty-five semester hours of technical courses to be chosen in consultation with the advisor. A maximum of eighteen semester hours may be allowed by proficiency examination (CTE 204, 205, 206, 304, 305, and 306; TEC 349*(9 hrs).	
Free Electives.....	0-3 hrs
Total Curriculum Requirements.....	128 hrs

* In-service teachers and occupational trainers should substitute CTE 463 (4), CTE 164, CTE 364, SED 104, and TEC 161 for CTE 463(12), EDF 103(1), SED 401, and ESE 552. Nine hours which can be selected from CTE 302 and 303 should be substituted for TEC 349 (9 hrs).

**Graduates completing this program option must have a minimum of 2000 clock hours of planned and supervised work experience in the occupation in which they will teach or a minimum of three years of approved work experience in the occupation in which they will teach. Students must also take the PRAXIS II Specialty Examination before graduation.

+Those desiring Pre-Engineering eligibility should take the following general education courses: CHE 111, MAT 107, 108, PHY 131.

++Complete an Endorsement for teaching Instructional Computer Technology by completing EET 403, TEC 255, and completing major computer certification such as A+, Network+, MSCE.

Career and Technical Education options require all pre-service students to meet the general education knowledge for initial teacher preparation requirements (see College of Education section of this Catalog).

The BS degree program in Career and Technical Education is accredited by the National Council for Accreditation of Teacher Education.