

CAREER AND TECHNICAL EDUCATION/TEACHING, BACHELOR OF SCIENCE WITH A CONCENTRATION IN TECHNICAL EDUCATION (B.S.)

Career and Technical Education concentrations 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 Council for the Accreditation of Educator Preparation.

Program Requirements

CIP Code: 13.1319

Summary Checklist for General Education

Code	Title	Hours
Element 1		
A:	Written Communication (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-1/)	3
B:	Written Communication (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-1/)	3
C:	Oral Communication (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-1/)	3
Element 2		
	Quantitative Reasoning (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-2/)	3
Element 3		
A:	Arts (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-3/)	3
B:	Humanities (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-3/)	3
Element 4		
	Natural Sciences (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-4/)	6
Element 5		
A:	Historical Science (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-5/)	3
B:	Social Behavioral Science (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-5/)	3
Element 6		

Diversity of Perspectives Experiences (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-6/)	6
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Total Hours 36

Students are expected to complete Elements 1 and 2 within their first 60 hours of college credit.

Major Pre-Service Teacher Education Program

Code	Title	Hours
University Graduation Requirements		
General Education		36
<i>Student Success Seminar</i>		
BUS 100	Professional Development One (waived for transfers with 30+ hrs.)	1
Upper division courses (42 hrs. distributed throughout Major/Supporting/Gen Ed/Free Electives categories)		
Major Requirements		
<i>College Requirements</i>		
BUS 300	Professional Development Three (CR only, no hours)	0
BUS 400	Professional Development Four (CR only, no hours)	0
Pre-Service Teacher Education Program		
<i>Career and Technical Education Requirements</i>		
CTE 262	Foundations of Career and Technical Education (Pre-Service)	3
CTE 361	Course Materials in Career and Technical Education	3
CTE 363	Evaluation in Career and Technical Education	3
<i>Concentrations</i>		
Students must select one of the following Concentrations:		
Agriculture Education		
Technical Education		45
Engineering/Technology Education ¹		
<i>Professional Education Requirements</i>		
EDF 203	Educational Foundations	3
EDF 219	Human Development and Learning	3
EDF 413	Assessment in Education	2
EMS 300W	Curriculum and Instructional Design	1
EMS 474	Disciplinary Literacy	3
EMS 490	Classroom & Behavior Management	1
ESE 552	Teaching of Career and Technical Education in Middle and Secondary Schools	3
SED 104	Special Education Introduction (Element 6) ^{G,C}	
TEC 368	Workshop in Technology ²	3
<i>Clinical Experiences:</i>		
CED 100	Clinical I: Introduction to the Education Profession	0
CED 200	Clinical II: Understanding the Learner	0
CED 300	Clinical III: Curriculum and Instructional Design	0.5
CED 400	Clinical IV: Diagnosis and Prescription	0.5
CED 450	Clinical V: Practicing Teaching	1
CED 499	Clinical VI: The Professional Semester	9
Total Hours		121

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Course also satisfies a General Education element. Hours are included within the 36 hours in General Education.

C

Course also satisfies Core or Concentration requirements

1

Those desiring eligibility to teach in pre-engineering education programs at the middle school and high school level should take the following general education courses: CHE 111 General Chemistry, MAT 114 College Algebra, MAT 120 Trigonometry, PHY 131 College Physics I.

2

Course meets Professional Education Requirements.

In-Service Teacher Education Program

Code	Title	Hours
University Graduation Requirements		

General Education		36
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Student Success Seminar

BUS 100	Professional Development One (waived for transfers with 30+ hrs.)	1
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Upper division courses (42 hrs. distributed throughout Major/Supporting/Gen Ed/Free Electives categories)

Major Requirements*College Requirements*

BUS 300	Professional Development Three (CR only, no hours)	0
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BUS 400	Professional Development Four (CR only, no hours)	0
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In-Service Teacher Education Program*Professional Education Core*

CTE 164	Orientation to Career and Technical Education	3
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CTE 261	Foundations of Career and Technical Education	3
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CTE 361	Course Materials in Career and Technical Education	3
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CTE 363	Evaluation in Career and Technical Education	3
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CTE 364	Methods in Career and Technical Education	3
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CTE 463	Practicum in Career and Technical Education	4
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EDF 320	Human Development and Learning for Vocational Education	3
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TEC 161	Computer Applications in Technology	3
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Concentrations

Students must select one of the following Concentrations:

Technical Education		45
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Occupational Training and Development

Supporting Course Requirements

Choose from one of the following:

MAT 114	College Algebra (Element 2) (or higher) ^G	
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SED 104	Special Education Introduction (Element 6) ^{G,1}	
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Free Electives

Choose from three-five hours of free electives		3-5
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Exit Requirements

PRAXIS Examination		0
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Students must register for and take the PRAXIS exam which correlates to their degree program, per College of Education requirements. Refer to Degree Works for exam details. The PRAXIS exam must be taken prior to student teaching.

Total Hours**110-112****G**

Course also satisfies a General Education element. Hours are included within the 36 hours in General Education.

1

Course meets Professional Education Requirements.

Concentration

Code	Title	Hours
Concentration Courses		

45 semester hours of technical courses to be chosen in consultation with the advisor		45
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A maximum of 18 semester hours of the following may be allowed by proficiency examination:

CTE 204	Related Sci Math & Tech: Occ I	
CTE 205	Manipulative Skills: Occ I	
CTE 206	Related Knowledge: Occ I	
CTE 304	Rel Sci Math & Tech in Occ	
CTE 305	Manipul Skills Occupation II	
CTE 306	Related Knowledge: Occ II	
TEC 349	Applied Learning in Technology (Pre-Service Teacher Education Program only)	

Total Hours**45**

Graduates completing the Pre-Service Teacher Education concentration 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.

Candidates earning a degree that leads to pre-service teacher certification must take the PRAXIS Series (Professional Assessments for Beginning Teachers) and PLT (Principles of Learning and Teaching) exams as a requirement for graduation. Candidates are encouraged to review the schedule for PRAXIS and PLT registration deadlines prior to beginning the senior year. Specialty exams are required for each certification area sought and it may take more than one test date to complete all requirements. Candidates should confer with their education advisor/counselor to determine the most optimal time to take required exams.