

Career and Technical Education

Bachelor of Science Degree Technology Education Option

The Department of Technology at Eastern Kentucky University offers a four-year Career and Technical Education/Technology Education teaching option leading to the Bachelor of Science Degree. This program prepares graduates for teaching positions in middle school and high schools. The program presented here is an area major. Graduates of these programs are certified to teach technology education in grades 5 through 12. All courses with prefix CON, EET, INT, GCM, TEC and TTE are taught within the Department of Technology.

First Semester

BTO 100	Academic Orientation	1
ENG 101 or 105	English Composition (IA)	3
TEC 161	Computer Applications in Tech.	3
TEC 190	Technical Graphics	3
Gen. Ed.	Biology (IVA)	3
Gen. Ed.	Wellness (VI)	<u>3</u>
		16

Second Semester

CON 121	Intro. to Construction	3
ENG 102	English Composition (IB)	3
EDF 103	Intro. to Education	1
INT 195	Computer Aided Drafting	3
MAT 107	College Algebra (II)	3
Gen. Ed.	Oral Communication (IC)	<u>3</u>
		16

Third Semester

CON 201	Materials & Methods of Con. I	3
EET 251	Electricity & Electronics	3
INT 201	Metallic Material Processes	3
EDF 103	Introduction to Education	1
*TTE 163	Production Processes	3
Gen. Ed.	Arts (IIIA)	3
Gen. Ed.	History (VA)	<u>3</u>
		18

Fourth Semester

CTE 261	Foundations of CTE	3
GCM 211	Graphic Communications and	
GCM 212	Graphic Communications Lab	3
INT 238	Industrial Materials	3
Gen. Ed.	Breadth of Knowledge (VII)	3
Gen. Ed.	Humanities (IIIB)	3
Gen. Ed.	Social & Behavioral Science (VB)	<u>3</u>
		18

Fifth Semester

CTE 361	Course Materials in CTE	3
CTE 363	Evaluation in Career & Tech Ed.	3
EET 303	LANs & PC Communications	3
Gen. Ed.	Depth of Knowledge (VIII)	3
Gen. Ed.	Physical Science Lab. (IVB)	<u>3</u>
		15

Sixth Semester

EDF 319	Human Development & Learning	3
INT 371	Hydraulics and Pneumatics	3
*TTE 233	Problem Solving & Design	3
*TTE 461	Communication Systems or	
*TTE 462	Manufacturing Systems	3
Gen. Ed.	Breadth of Knowledge (VII)	<u>3</u>
		15

Seventh Semester

ESE 552	Teach Career/Tech Ed in Mid/Sec	3
SED 401	Exceptional Learners in	3
*TTE 464	Related Technology Systems or	
*TTE 465	Construction Systems	3
Gen. Ed.	Depth of Knowledge (VIII)	3
Gen. Ed.	History or SBS (VC)	<u>3</u>
		15

Eighth Semester

ESE 490	Secondary Curriculum	3
ESE 499	Student Teaching	<u>12</u>
		15

Total Hours = 128

*Consult with program advisor to determine the semester these courses are offered.