Roadmap: Technology – Technology Education Licensure – Bachelor of Science
[AT-BS-TECH-TEDL]
College of Applied Engineering, Sustainability and Technology
Education Minor [EDUC]
College of Education, Health and Human Services
Catalog Year: 2013–2014

This roadmap is a recommended semester-by-semester plan of study for this major. However, courses and milestones designated as critical (in boldface and shaded areas) must be completed in the semester listed to ensure a timely graduation.

Course Subject and Title	Credit Hours	Upper Div.	Min. Grade	Major GPA	Important Notes
Semester One: [16 Credit Hours]					
MATH 11010 Algebra for Calculus	**3**				**Fulfills Kent Core Mathematics and Critical Reasoning**
TECH 10001 Information Technology	**3**			■	
TECH 13580 Engineering Graphics	**3**		**C**	■	
US 10097 Destination Kent State: First Year Experience	1				Not required for transfer students with 25 credits
Kent Core Requirement	3				See Kent Core Summary on page 2
Kent Core Requirement	3				
Semester Two: [16 Credit Hours]					
Required: successful completion of Praxis I Reading (score 174), Writing (score 172) and Mathematics (score 174)					
CULT 29535 Education in a Democratic Society	**3**		**C**	■	
MATH 11022 Trigonometry	**3**				**Fulfills Kent Core Additional**
TECH 11071 Woods Technology I	3			■	
TECH 23581 Computer-Aided Engineering Graphics	3			■	
Kent Core Requirement	3				See Kent Core Summary on page 2
Kent Core Requirement (Basic Sciences Laboratory)	1				
Semester Three: [16 Credit Hours]					
TECH 21021 Survey of Electricity and Electronics	**4**			■	
TECH 21046 Graphic Communication Technology I	**3**			■	
COMM 15000 Introduction to Human Communication	3				Fulfills Kent Core Additional
EPSY 29525 Education Psychology	3		C	■	
Kent Core Requirement	3				See Kent Core Summary on page 2
Semester Four: [16 Credit Hours]					
PSYC 11762 General Psychology	**3**				**Fulfills Kent Core Social Sciences and domestic diversity requirement**
TECH 20002 Materials and Processes	**3**			■	
ENG 20002 Introduction to Technical Writing	3				
ITEC 19525 Education Technology	3		C	■	
Kent Core Requirement	3				See Kent Core Summary on page 2
Kent Core Requirement (Basic Sciences Laboratory)	1				
Semester Five: [15 Credit Hours]					
Required: minimum 2.750 GPA, Note: declare the Education minor; apply for student teaching for the following fall semester, a year before student teaching					
TECH 20001 Energy/Power	**3**			■	
TECH 41003 Methods and Organization in Technology Education	**3**	■		■	
TECH 41052 Technology and Engineering for K to 8 STEM	**3**	■		■	
TECH 31016 Manufacturing Technology	3	■		■	
Kent Core Requirement	3				See Kent Core Summary on page 2
Semester Six: [15 Credit Hours]					
TECH 31087 Design for Technology	**3**	■		■	
TECH 32002 Materials and Processes II	**3**	■		■	
PSYC 31773 Industrial Psychology	3	■			
SPED 23000 Introduction to Exceptionalities	3		C	■	Fulfills domestic diversity requirement
Kent Core Requirement	3				See Kent Core Summary on page 2

Roadmap: Technology – Technology Education Licensure – Bachelor of Science
[AT-BS-TECH-TEDL]
College of Applied Engineering, Sustainability and Technology
Education Minor [EDUC]
College of Education, Health and Human Services
Catalog Year: 2013–2014

Critical requirements are boldface in shaded areas

Course Subject and Title	Credit Hours	Upper Div.	Min. Grade	Major GPA	Important Notes
Semester Seven: [15 Credit Hours]					
TECH 41051 Foundations and Contemporary Theories of Technology Education	**3**	■		■	
HED 42575 Health and Learning Strategies	3	■		■	
TECH 31000 Cultural Dynamics of Technology	3	■	C	■	Fulfills writing-intensive course requirement and domestic diversity requirement
TECH 31015 Construction Technology	3	■		■	
Kent Core Requirement	3				See Kent Core Summary on page 2
Semester Eight: [12 Credit Hours]					
Note: Candidates seeking Ohio licensure are required to pass specific assessments in order to apply for licensure. See Ohio Department of Education-Educator Preparation website for more information on assessments specific to licensure type.					
TECH 46031 Student Teaching	**9**	■	S	■	**Fulfills experiential learning requirement**
TECH 49525 Inquiry into Professional Practice	**3**	■	C	■	

Graduation Requirements Summary

Minimum Total Hours	Minimum Upper-Division Hours	Minimum Kent Core Hours	Global / Domestic Diversity Course	Writing-Intensive	Experiential Learning	Minimum	
						Major GPA	Overall GPA
121	39	36	Kent Core / SPED 23000 or TECH 31000	TECH 31000	TECH 46031	2.750	2.500

Kent Core Summary

Kent Core Categories	Important Notes	Remaining Credit Hours
Composition (6-8 credit hours) *ENG 11002, 11011, 21011; HONR 10197, 10297*	Enrollment based on placement test	6-8
Mathematics and Critical Reasoning (3-5 credit hours)	Fulfilled in this major with MATH 11010	0
Humanities and Fine Arts (9 credit hours) *Minimum one course from humanities in Arts and Sciences and minimum one course from fine arts*	May fulfill domestic diversity requirement	9
Social Sciences (6 credit hours) *Must be selected from two curricular areas*	3 credits are fulfilled in this major with PSYC 11762	3
Basic Sciences (6-7 credit hours) *Must include one laboratory*	Includes additional laboratory course as required by the college for this program	8
Additional (6 credit hours)	Fulfilled in this major with COMM 15000 and MATH 11022	0

Kent Core
Students must complete a minimum 36 credit hours of the Kent Core. Certain courses required in programs and in student's major field may also fulfill the Kent Core. Honors equivalents shall satisfy the Kent Core. None of the courses on the Kent Core list may be taken with a pass/fail grade. Visit www.kent.edu/catalog/kent-core for course list.

Diversity Course Requirement
Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. One course must come from the Kent Core. The second course may be taken as a second Kent Core, within a major or minor, or as a general elective; or, with dean's approval, by completing one semester of study in another country. Visit www.kent.edu/catalog/diversity for course list.

Writing-Intensive Course Requirement
Students must complete a one-course writing-intensive requirement in their major and earn minimum C (2.00) grade. Visit www.kent.edu/catalog/wic for course list.

Experiential Learning Requirement
To provide students with direct engagement in learning experiences that promote academic relevance, meaning and an understanding of real-world issues, students must complete this requirement at Kent State, either as a for-credit course or as a non-credit, non-course experience approved by the appropriate faculty member. Visit www.kent.edu/catalog/elr for course list.

Upper-Division Requirement
Students must complete a minimum 39 upper-division (numbered 30000 to 49999) credit hours of coursework. Programs in the College of Arts and Sciences require a minimum of 42 hours of upper-division coursework.