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ID:

Career and Technical Education (Technology and Engineering Education), Bachelor of Science in Career and Technical Education

Catalog 2024-25

TOTAL CREDIT HOURS 16

This academic degree map is a term-by-term course schedule designed for you to graduate in four years. The sample schedule below serves as a general guideline to building a full-time schedule for each term. Earning a degree requires that you complete (1) the required General Education courses, (2) the course requirements of your major and (3) any requirements PSU has designated for a Bachelor degree. Courses and special notes are specified to keep you on track to graduate in four years. Where open elective is listed, it means that you may take a course of your choosing, perhaps a course in an area outside of your major, but be sure to discuss this with your advisor.

This map is not a substitute for academic advisement – contact your advisor if you have any questions throughout the term and as you begin planning for the next. The University Catalog is also available as a resource with a complete list of requirements for all degrees offered at PSU.

## Recommended 4-years to graduation plan

Code	Semester 1 - FRESHMAN YEAR	Credit	NOTES	Code	Semester 2 - FRESHMAN YEAR	Credit	NOTES
GT 191	Foundations of Technology & Engineering	3		GT 300	Engineering Design & Problem Solving	3	
GT 210	Technology in the World Today (SGE) <sup>070</sup> Suggested	3		PSYCH 155	General Psychology (SGE) <sup>050</sup> Suggested	3	
ENGL 101	English Composition (SGE) <sup>010</sup>	3	C or better	ENGL 299	Intro to Research Writing (SGE) <sup>010</sup>	3	C or better
UGS 150	Gorilla Gateway (SGE) <sup>070</sup>	2		Bucket 050	Social & Behavioral Sciences (SGE) <sup>050</sup>	3	
Bucket 060	Arts & Humanities (SGE) <sup>060</sup>	3		Bucket 040	Natural & Physical Sciences (SGE) <sup>040</sup>	4-5	
Bucket 070	Institutionally Designated (SGE) <sup>070</sup>	1					
	TOTAL CREDIT HOUR	TOTAL CREDIT HOURS 16-17					
	Semester 3 - SOPHOMORE YEAR	Credit	1		Semester 4 - SOPHOMORE YEAR	Credit	1
GT 320	Communications Systems in Technology			GT 330	Engineering Materials and Processes	3	
GT 340	Power/Energy/Transportation Systems			GT 360	CAD for Automated Manufacturing	3	
100+	Open Elective	3		GT 370	Construction Systems Technology		
COMM 207	Speech Communication (SGE) <sup>020</sup>	3		PSYCH 263	Developmental Psychology	3	
EDUC 261	Explorations in Education	3		Bucket 030	Math & Statistics (SGE) <sup>030</sup>	3	
	TOTAL CREDIT HOUR	S 15			TOTAL CREDIT HOURS	14	
	Semester 5 - JUNIOR YEAR	Credit	1		Semester 6 - JUNIOR YEAR	Credit	1
GT 390	Fundamentals of Robotics & Coding	3		PSYCH 357	Educational Psychology	3	
TE 420	Professional Development			TE 479	Teaching Strategies for Middle & Secondary Lab	3	
GT 350	Technology & Civilization			EDUC 370	Org/Mgmt. Middle/Secondary Classroom	2	
100+	ech Specialization Sequence 3			TWL 294	Technology Laboratory Internship	1-3	
Bucket 060	Arts & Humanities (SGE) <sup>060</sup>	3		100+	Tech Specialization Sequence	3	
				100+	Tech Specialization Sequence	3	
	TOTAL CREDIT HOUR	S 15			TOTAL CREDIT HOURS	15-17	
	Semester 7 - SENIOR YEAR	Credit			Semester 8 - SENIOR YEAR	Credit	1
TE 496	Organ & Mgmt. for Technology & Engineering Ed	2		TE 579	Supervised Student Teaching/Follow Up	2	
EDUC 520	Methods and Materials for Aca Lit	3		EDUC 458	Methods and Curriculum	3	
SPED 510	Overview of Special Education	3		EDUC 464	464 Measurement and Evaluation		
	T			EDUC 475 Supervised Clinical Experience		9	
GT 380	Manufacturing Enterprise	3		EDUC 4/5	Supervised Clinical Experience	9	

Writing to Learn: Typically one from general education and one in major coursework.

TOTAL CREDIT HOURS 14

## Systemwide General Education (SGE) Key

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010 English 050 Social & Behavioral Sciences 020 Communications 060 Arts & Humanities

030 Math & Statistics 070 Institutionally Designated

040 Natural & Physical Sciences