Curriculum Revision Form

Effective Date: FALL	Submission Date: 9-16-20	024	
Department: Technology and We	orkforce Learning	College of: Technolog	gy
Contact Person: Greg Belcher		Minor Required?	No
Select One Major/Minor/ Bachelor of Science in Career	Emphasis/Certification Name:		l Education Emphasis
If selection is "Deletion" complete	questions 2, 3, & 4, then com	plete signatures.	
Revision to Curriculum – RE Used to change program name Removes Major/Minor/Emphas	and/or curriculum, effective	the upcoming academic	
1. Describe your Changes:			
Five courses in the Technical Edmajor course listing and four co			
		,	,
2. Rationale for change, including			
Courses were retitled and renum document is requesting the additional control of the course of the c			=
, 5			
3. Will this change affect any ed		-	
Council for Teacher Education Yes No	pejore upload to " College	Curriculum Legislation	" in SharePoint.
O O			

between departments.

5. Does certifica			eet University catalog definitions for majors, minors, emphases, and ate?
(•)	Yes	\bigcirc	No
			arces or costs will be required?
			-
0	Yes	\odot	No

4. If this change affects any other department on campus, please attach any email notifications

Definition of an Emphasis

If so, what will be needed?

Area of Emphasis is a specific subject area that exists within an approved degree program and major. At Pittsburg State University a minimum of 12 credit hours and no more than 24 credit hours are expected for an area of emphasis in a baccalaureate degree program.

Definition of a Minor

Minors at Pittsburg State University may range from 15 to 24 credit hours. When selected to accompany a degree that requires a minor there must be at least nine unique credit hours in the minor that are not found in the student's major in order to meet graduation requirements. In instances where the major requires a minor (not the degree type), academic departments/schools may specify minors that best achieve the learning objective for their students.

Definition of Certificate Program

A certificate program can be undergraduate or graduate in course content and provides a specific body of knowledge for personal or career development or professional continuing education. Certificates may be taken while also pursuing a degree or independent from any other studies at Pittsburg State University. It is recommended that if the student is only pursuing a certificate and not in conjunction with a degree and wishes to apply for federal financial assistance that they visit with personnel in the Student Financial Assistance office regarding the eligibility for aid for the certificate of interest. At Pittsburg State University a certificate can range from 12 credit hours to 24 credit hours.

Authorization Sign-Off Sheet

Checklist
Program guide from current catalog.
Academic Planning Excel attached.
120 Credit hours met.
Course Id's match Course names.
Course hours are correct.
Listed courses are currently active
Needed Documentation attached.
Approved: Department Chair/Director Date: 9/26/24 Signature:
Approved: College Curriculum Committee Burkay Date: 11/13/24 Signature:
Approved: Dean of College Date: 11/13/24 Signature:
Approved: Council for Teacher Education (if applicable Date: Signature:
Approved: University Undergraduate Curriculum Committee Date: Signature:
Approved: Faculty Senate
Date: Signature, Recorder Faculty Senate:

Following final College Curriculum Committee approval, please apply the appropriate signatures, and send them to your College Administrator.

Originating Department: After completing this form, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.docx" and uploaded as well.

Make sure to attach the program guide from current catalog! (For Revised Curriculum) https://www.pittstate.edu/registrar/catalog

	Acado	emic Planning Document for 2025-2026		
Major/Emphasis/I Emphasis	Minor/Certificate -	Bachelor of Science in Career and Technical Education (Technical	Teacher Education	
Course Prefix	Course Num.	Course Name		
		Core Courses -	30	
		Required Courses: (30 hours)		
TTED	694	Foundations of Career and Technical Education	3	
TTED	697	Ident & Instr of Students w/Special Needs		
	or		3	
SPED	510	Overivew of the Education for Exceptional Children		
TTED	201	Work Experience	12	
TTED	401	Work Experience	12	
2		Support Courses -	18	
PSYCH	155	General Psychology	3	
PSYCH	263	Developmental Psychology	3	
PSYCH	357	Educational Psychology	3	
TTED	479	Techniques for Teaching CTE	3	
TTED	483	Teaching Internship	6	
Les soldings and deal and the way		Emphasis Courses -	21	
		Additional Courses: (21 hours) Choose from the following		
TTED	193	Workshop for Beginning CTE Teachers	3	
TTED	308	Laboratory and Shop Safety	3	
TTED	391	Student Assessment Deveylopment in CTE	3	
TTED	445	Development of a Unit Study Guide	3	
TTED	695	Using Technology as an Instructional Tool	3	
TTED	698	Leadership and Professionalism in CTE	3	
TTED	707	CTE Student Organizations	3	
TTED	719	Planning Facilities in CTE	3	
TTED	720	Project Based Learning	3	
TTED	731	Adult Learners	3	
TTED	780	Classroom Management in CTE	3	
TTED	750	Mentoring Principles for Professionals	3	
TTED	777	Work-based Learning	3	
		Technical Elective Courses -	17	
		Any Technical Elective coursework		
		Total Credit Ho		
			nor -	
		General Educaton, 34-35 ho	THE RESIDENCE AND ADDRESS OF THE PARTY OF TH	
		Total Credit Ho	ours: 120	

Be sure all information is correct and courses are active before submitting. Curriculum Revisions **REQUIRE** a program guide from the current catalog, 24/25. Your legislation will be returned if either is found.

Pittsburg State University
College of Technology Program Guide

Bachelor of Science in Career and Technical Education

Degree: Bachelor of Science in Career and Technical Education

Major: Career and Technical Education

Emphasis available: Technology and Engineering Education, Technical Teacher Education

Credit for Work Experience

A maximum of twenty-four semester hours of work experience credit may be granted to qualified students working toward meeting requirements for the Bachelor of Science in Career and Technical Education degree with the Technical Teacher Education emphasis. Applicants are expected to meet the minimum work experience time for industrial, technical, or health occupation teachers established by the Division of Community Colleges and Vocational Education as specified in the Kansas State Teacher Certification Standards. Two years of experience above the learning level are required. One year of the experience is to be full-time, continuous work.

Applicants who hold a license or certificate will not be required to take the written or skill sections of the examination, but will take the classification test and oral interview. University credit is granted by enrolling in the work experience courses TTED 201 and TTED 401 Occupational Work Experience for a total of twenty-four semester hours. The following procedure should be followed by persons desiring to qualify for vocational, industrial or technical certification and to become eligible for university credit:

- 1. Make application for the Competency Examination with the Area Test Center Coordinator, Department of Technology and Workforce Learning, Pittsburg State University. Pittsburg, Kansas 66762.
- Complete the examination form with documented record of work experience.
- 3. Schedule examinations and pay required fee.
- 4. Satisfactorily complete the following examinations with a grade of "C" or better.
 - a. A written examination relating to information of the occupation.
 - b. A performance examination in the skill area.
- 5. Persons who pass the examination may enroll in the courses TTED 201 and TTED 401 Occupational Work Experience. Persons who have completed a baccalaureate degree may not enroll for work experience credit.

Skill Competency Examinations are scheduled on demand.

Technical Teacher Education Emphasis

Core Requirements (30 hours)

__ TTED-201 Occupational Work Experience (3-12 hours) Note: Must be taken a total of 12 hours.

-	TTED-401 Occupational Work Experience (3-12 hours) Note: Must be taken a total of 12 hoursTTED-694 Foundations of Career and Technical Education (3 hours)TTED-697 Identification and Instruction of Students with Special Needs (3 hours) orSPED-510 Overview of Inclusive Education (3 hours)
•	Select 21 hours from: TTED-193 Workshop for Beginning Career and Technical Education Teachers (3 hours) EST-293 Introduction to Industrial Safety (3 hours) EST-296 Introduction to Construction Safety (3 hours) TTED-308 Laboratory and Shop Safety (3 hours) TM-390 Trade and Job Analysis (3 hour) TTED-391 Student Assessment Development in Career and Technical Education (3 hours) TTED-445 Development of a Unit Study Guide (3 hours) TM-606 Industrial Supervision (3 hours) TTED-695 Using Technology as an Instructional Tool () (3 hours) TTED-698 Leadership and Professionalism in Career and Technical Education (3 hours) TTED-731 Adult Learners () (3 hours)
	TTED-731 Adult Learners () (3 Hours)TTED-780 Classroom and Laboratory Management in Career and Technical Education () (3 hours)
	Professional Education and Support Requirements (18 hours) _ PSYCH-155 General Psychology (3 hours) _ PSYCH-263 Developmental Psychology (3 hours) _ PSYCH-357 Educational Psychology (3 hours) _ TTED-479 Techniques for Teaching Career and Technical Education (3 hours) _ TTED-483 Teaching Internship (3-6 hours)
	Electives (17 hours)
	Technology and Engineering Education Emphasis
	Technology and Engineering Education Content Core (31 hours) GT-191 Foundations of Technology and Engineering (2 hours) GT-210 Technology in the World Today (3 hours) GT-300 Engineering Design and Problem Solving (3 hours) GT-320 Communication Systems in Technology (3 hours) GT-330 Engineering Materials and Processes (3 hours) GT-340 Power/Energy/Transportation Systems (3 hours) GT-350 Technology and Civilization (3 hours) GT-360 Computer Aided Drafting for Automated Manufacturing (3 hours) GT-370 Construction Systems Technology (2 hours)
	GT-380 Manufacturing Enterprise (3 hours)

GT-390 Fundamentals of Robotics and Coding (3 hours)

Technology and Engineering Education Professional Core (9-10 hours)

__ TWL-294 Technology Laboratory Internship (___) (1-3 hours)

TE-420 Professional Development (3 hours)	CHEM-215 General Chemistry I (3 hours)
TE-479 Effective Teaching Strategies for Middle and Secondary Laboratory () (3 hours)	CHEM-216 General Chemistry I Laboratory (2 hours)
TE-496 Organization and Management for Technology and	PHYS-100 College Physics I (4 hours)
Engineering Education (2 hours)	PHYS-104 Engineering Physics I (4 hours)
	PHYS-130 Elementary Physics Laboratory I (1 hour)
Technical Specialization Sequence (9 hours)	PHYS-160 Physical Geology (3 hours)
See notes *1	PHYS-165 Physical Geology Laboratory (1 hour)
	PHYS-166 Meteorology (3 hours)
Notes *1: Nine hours of coursework related to a technical field from Technology and Engineering Education licensure as identified by	PHYS-167 Meteorology Laboratory (1 hour)
KSDE, subject to approval by TWL chair.	PHYS-171 Physical Science (3 hours)
Nobel caryout approval by the citation	PHYS-172 Physical Science Laboratory (1 hour)
Suggested Courses to complete 120 hours.	PHYS-175 Descriptive Astronomy (3 hours)
ouggested oddises to complete 120 floats.	PHYS-176 Astronomy Laboratory (1 hour)
Design	PHYS-375 Solar System Astronomy (3 hours)
Design	Social & Behavioral Sciences Discipline
CMCET-133 Construction Graphics (3 hours)	· ·
GC-230 Graphic Design Fundamentals (3 hours)	Requirements - 6 Total Hours
IND-110 Interior Design Fundamentals (3 hours)	ANTH-101 Introduction to Cultural Anthropology (3 hours)
IND-120 Interior Design Studio Fundamentals (3 hours)	ECON-191 Issues in Today's Economy (3 hours)
MECET-121 Engineering Graphics I (3 hours)	ECON-200 Principles of Microeconomics (3 hours)
MECET-226 Engineering Graphics II (3 hours)	ECON-201 Principles of Macroeconomics (3 hours)
MECET-323 Industrial Graphics (2 hours)	ETECH-502 Engineering Economy (3 hours)
WPM-226 CAD for Wood Product Development (3 hours)	GEOG-106 World Regional Geography (3 hours)
WPM-326 CAD for Wood Product Development II (3 hours)	GEOG-300 Elements of Geography (3 hours)
The state of the s	GEOG-304 Human Geography (3 hours)
Teacher Preparation	POLS-101 U.S. Politics (3 hours)
EDTH-330 Technology for Teaching and Learning (3 hours)	POLS-103 Comparative Politics (3 hours)
	POLS-201 Introduction to Public Policy (3 hours)
General Education Requirements	PSYCH-155 General Psychology (3 hours)
Outoral Education Roganion	SOC-100 Introduction to Sociology (3 hours)
English Discipline Requirements - 6 Total	SWK-250 Relationship Skills (3 hours)
•	WGS-200 Introduction to Women's Studies (3 hours)
Hours	WGS-399 Global Women's Issues (3 hours)
ENGL-101 English Composition (3 hours)	
ENGL-299 Introduction to Research Writing (3 hours)	Arts & Humanities Discipline Requirements
O totto a Disciplina Demainemente 2	6 Total Hours
Communications Discipline Requirements - 3	ART-178 Introduction to the Visual Arts (3 hours)
Total Hours	ART-188 The Designed World (3 hours)
COMM-207 Speech Communication (3 hours)	ART-217 Crafts I (3 hours)
_ ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` `	ART-222 Jewelry/Metals I (3 hours)
Mathematics & Statistics Discipline	ART-233 Drawing I (3 hours)
Requirements - 3 Total Hours	ART-244 Ceramics I (3 hours)
MATH-110 College Algebra with Review (5 hours)	ART-266 Sculpture I (3 hours)
	ART-277 Painting I (3 hours)
MATH 136 Pro Coloulus (4 hours)	ART-288 Introduction to Art History I (3 hours)
MATH-126 Pre-Calculus (4 hours) MATH-133 Quantitative Reasoning (3 hours)	ART-289 Introduction to Art History II (3 hours)
MATH-133 Quantitative Reasoning (3 hours)	ART-311 Art Education (3 hours)
MATH-143 Elementary Statistics (5 flours)	COMM-105 Performance Appreciation (3 hours)
	COMM-205 Performance Studies (3 hours)
MATH-204 Mathematics for Education I (3 hours)	COMM-395 Theatre History () (3 hours)
Natural 9 Physical Sciences Discipline	ENGL-113 Literature and Culture (3 hours)
Natural & Physical Sciences Discipline	ENGL-114 General Literature (Genre) (3 hours)
Requirements - 4/5 Total Hours	ENGL-116 General Literature (Theme) (3 hours)
BIOL-111 General Biology (3 hours)	ENGL-117 Introduction to Fiction (3 hours)
BIOL-112 General Biology Laboratory (2 hours)	ENGL-118 Introduction to Poetry (3 hours)
BIOL-113 Environmental Life Science (4 hours)	ENGL-120 Literature and Film (3 hours)
BIOL-211 Principles of Biology I (4 hours)	ENGL-121 Intro to Anti-Racist Literature (3 hours)
CHEM-105 Introductory Chemistry (3 hours)	ENGL-122 Introduction to Women's Literature (3 hours)
CHEM-106 Introductory Chemistry Laboratory (1 hour)	FNGL-123 The Citizen in Literature (3 hours)

ENGL-125 Introduction to Horror in Literature (3 hours) ENGL-250 Introduction to Creative Writing (3 hours) ENGL-315 Mythology (3 hours) ENGL-320 Literature and Film (3 hours) HHP-151 Dance Appreciation (3 hours) HIST-101 World History to 1500 (3 hours) HIST-102 World History from 1500 (3 hours) HIST-201 American History to 1865 (3 hours) HIST-202 American History from 1865 (3 hours) HONOR-200 The Power of Music (3 hours) MLL-124 French Language and Culture I (3 hours) MLL-154 Spanish Language and Culture I (3 hours) MUSIC-120 Music Appreciation () (3 hours) MUSIC-321 History of Music (3 hours) MUSIC-322 History of Music (3 hours) PHIL-103 Introduction to Philosophy (3 hours) PHIL-114 Biomedical Ethics (3 hours) PHIL-115 Business Ethics (3 hours) PHIL-114 Environmental Ethics (3 hours) PHIL-231 World Religions (3 hours)
Institutionally Designated Requirements - 6
Total Hours
UGS-150 Gorilla Gateway (2 hours)
Any 1 credit hour class from the following: DANCE-200 Dance () (1-3 hours) EXSCI-200 Introduction to Exercise Science (1 hour) HHP-150 Lifetime Fitness Concepts (1 hour)
Any 3 credit hour class from 4, 5, 6 or the following:
BIOL-617 Environmental Health (3 hours)
BUS-101 Introduction to Business (3 hours)
DSIS-130 Computer Information Systems (3 hours)
EDUC-261 Explorations in Education (3 hours)
EET-247 Computer Programming for Electronic Systems (3 hours) EDTH-330 Technology for Teaching and Learning (3 hours) FCS-203 Nutrition and Health (3 hours)
FCS-230 Consumer Education and Personal Finance (3 hours)
FIN-210 Financial Planning (3 hours)
GT-210 Technology in the World Today (3 hours)
GT-350 Technology and Civilization (3 hours)
HIST-207 Health Habits in American History (3 hours) MECET-121 Engineering Graphics I (3 hours)
MEGET-121 Engineering Graphics 1 (3 hours)MFGET-263 Manufacturing Methods I (2 hours)
MFGET-268 Manufacturing Methods I Laboratory (1 hour)
MFGET-405 Quality Control (3 hours)
NURS-303 Introduction to Public Health (3 hours)
PHIL-206 Rational Decisions (3 hours)
PHIL-207 Critical Thinking (3 hours)
PHIL-208 Logic (3 hours)
REC-350 Promoting Community and Worksite Wellness (3 hours)

Revised: 08/13/2024

	Curriculum Revisions	
Title	Existing	Proposed
	BSCTE- Technical Teacher Education Emphasis	BSCTE- Technical Teacher Education Emphasis
	Major Course (51hour)	Major Course (51 hour)
	• • • •	
	Required Courses: (30 hours)	Required Courses: (30 hours)
	TTED 694 *Foundations of Career and Technical Education 3	TTED 694 *Foundations of Career and Technical Education 3
	TTED 697 *Ident & Instr of Students w/Special Needs or	TTED 697 *Ident & Instr of Students w/Special Needs or
	SPED-510 Overview of Education for Exceptional Children 3	SPED-510 Overview of Education for Exceptional Children 3
	TTED 201 *Occupational Work Experience 3-12	TTED 201 *Occupational Work Experience 3-12
	TTED 401 *Occupational Work Experience 3-12	TTED 401 *Occupational Work Experience 3-12
	Additional Courses: (21 hours)	Additional Courses: (21 hours)
	TTED 193 Workshop for Beginning CTE Teachers 3	TTED 193 Workshop for Beginning CTE Teachers 3
	EST 293 Introduction to Industrial Safety 3	TTED 308 Laboratory and Shop Safety 3
	EST 296 Introduction to Construction Safety 3	TTED 391 Student Assessment Development in CTE 3
	TTED 308 Laboratory and Shop Safety 3	TTED 445 Development of a Unit Study Guide 3
	TM 390 Trade and Job Analysis 3	TTED 695 Using Technology as an Instructional Tool 3
	TTED 391 Student Assessment Development in CTE 3	TTED 698 Leadership and Professionalism in CTE 3
	TTED 445 Development of a Unit Study Guide 3	TTED 707 CTE Student Organizations 3
	TM 606 Industrial Supervision 3	TTED 719 Planning Facilities for CTE 3
	TTED 695 Using Technology as an Instructional Tool 3	TTED 720 Project Based Learning 3
	TTED 698 Leadership and Professionalism in CTE 3	TTED 731 Adult Learners 3
	TTED 731 Adult Learners 3	TTED 780 Classroom Management in CTE 3
	TTED 780 Classroom Management in CTE 3	TTED 750 Mentoring Principles for Professionals 3
		TTED 777 Work-based Learning 3
	Area of Support (18 hours)	
	PSYCH 155 General Psychology 3	Area of Support (18 hours)
	PSYCH 263 Developmental Psychology 3	PSYCH 155 General Psychology 3
	PSYCH 357 Educational Psychology 3	PSYCH 263 Developmental Psychology 3
	TTED 479 Techniques for Teaching CTE 3	PSYCH 357 Educational Psychology 3
	TTED 483 Teaching Internship 6	TTED 479 Techniques for Teaching CTE 3
		TTED 483 Teaching Internship 6
	Technical Electives (17 hours)	
	Any Technical Electives	Technical Electives (17 hours)
		Any Technical Electives
		Total major credit hours 86

Requirements for the Bachelor of Science i Name Major: Career and Technical Education Option			Date ear of Relevant Catalog <u>2025-2026</u>	
GENERAL EDUCATION REQUIREMENTS			CORE REQUIREMENTS	
			Major Core	51-54**
(1) English (6 hours) ENGL 101 English Composition ENGL 299 Introduction to Research Writing (2) Communications COMM 207 Speech Communication (3) Mathematics and Statistics MATH 110, 113, 126, 133, 143, 150, 204 (4) Natural and Physical Science BIOL 111/112, 113, 211, CHEM 105/106, 215/216, PHYS 100, 104, 130, 160/165, 166/167, 171/172, 175/176 (5) Social and Behavioral Science PSYCH 155 General Psychology ANTH 101, ECON 191, 200, 201, ETECH 520, GEOG 106, 300, 304, POLS 101, 103, 201, SOC 100, SWK 250, WGS 200, 399 (6) Arts and Humanities (need two different prefixes) ART 178, 188, 217, 222, 233, 244, 266, 277, 288, 289, COMM 105, 205, 395, ENGL 113, 114, 116, 117, 118, 120, 121, 122, 123, 124, 125, 250, 315, 320, HHP 151, HIST 101, 102, 201, 202, MLL 124, 154, MUSIC 120, 121, 321, 322, PHIL 103, 105, 112, 113, 114, 231 (7) Institutional *UGS 150 and any one-hour credit of DANCE 200, EXSCI 200, HHP 150. And any 3 hours from 4,5,6 or one of the following: BIOL 617, CIS 130, EDUC 261, EET 247, EDTH 330, FCS 203, 230, FIN 210, GT 210, 350, HIST 207, MECET 121,	6 3 3 4-5 6	3333333	Required Courses TTED 694 Foundations of CTE TTED 697 Ident & Instr of Students w/Special Needs or SPED-510 Overvi. of Ed.for Excp. Child TTED 201 Occupational Work Experience TTED 401 Occupational Work Experience Additional Courses: (21-24 ho TTED 193 Workshop for Beginning CTE Teachers TTED 308 Laboratory and Shop Safety TTED 391 Student Assessment Dev. in CTE TTED 445 Development of a Unit Study Guide TTED 695 Using Tech. as an Instructional Tool TTED 698 Leadership and Professionalism in CTE TTED 707 CTE Student Organizations TTED 719 Planning Facilities for CTE TTED 720 Project Based Learning TTED 731 Adult Learners TTED 750 Mentoring Principles for Professionals TTED 777 Work Based Education TTED 780 Classroom Management in CTE Area of Support PSYCH 155 General Psychology** PSYCH 263 Developmental Psychology TTED 479 Techniques for Teaching CTE TTED 483 Teaching Internship Technical Electives	3 3 12 12

Total degree requirements 120 – 121 (General Education 34-35 + Total Core Requirement 86)
** If PSYCH 155 is taken as a part of the General Education packet, then another TTED course can be used to complete the Major Core requirements.

Total Core Requirements

34-35

86

*not needed if transferring in 45 hours

Total General Education