

Date Submitted: 11/07/22 2:04 pm

Viewing: **CATEBS-TEED : Career and Technical Education: Technology Education Concentration**

Last approved: 06/17/22 1:50 pm

Last edit: 11/11/22 4:39 pm

Changes proposed by: borr

Catalog Pages Using this Program

[Career and Technical Education B.S.E. with Technology Education Concentration](#)  
[Career and Technical Education \(CATE\)](#)

Submitter:	User ID: <a href="#">borr</a> <del>lkuteza</del>	Phone: <a href="#">575-6430</a> <del>7456</del>
Program Status	Active	
Academic Level	Undergraduate	
Type of proposal	Major/Field of Study	
Select a reason for this modification		
Making Minor Changes to an Existing Certificate, Degree or Program (including 15 or fewer hours, admission/graduation requirements, Focused Studies or Tracks)		
Are you adding a concentration?	No	
Are you adding or modifying a track?	No	
Are you adding or modifying a focused study?	No	
Effective Catalog Year	Fall 2023	
College/School Code	College of Education and Health Professions (EDUC)	
Department Code	Department of Curriculum and Instruction (CIED)	
Program Code	CATEBS-TEED	
Degree	Bachelor of Science in Education	
CIP Code	13.1319 - Technical Teacher Education.	
Program Title	Career and Technical Education: Technology Education Concentration	
Program Delivery Method	On Campus	

Is this program interdisciplinary?

[Yes](#) ~~No~~

College(s)/School(s)	<div>College/School Name</div> <div><a href="#">Bumpers College of Agricultural, Food, and Life Sciences (AFLS)</a></div> <div><a href="#">College of Engineering (ENGR)</a></div>
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Does this proposal impact any courses from another College/School?

~~No~~ [Yes](#)

What are the total hours needed to complete the program?	120
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In Workflow

1. EDUC Dean Initial

2. Director of Curriculum Review and Program Assessment

3. Registrar Initial

4. Institutional Research

5. CIED Chair

6. EDUC Curriculum Committee

7. AFLS Dean

8. ENGR Dean

9. EDUC Dean

10. Global Campus

11. Provost Review

12. Undergraduate Council

13. Faculty Senate

14. Provost Final

15. Registrar Final

16. Catalog Editor Final

Approval Path

1. 11/10/22 5:03 pm  
Matthew Ganio (msganio):  
Approved for EDUC Dean Initial

2. 11/14/22 1:56 pm  
Alice Griffin (agriffin): Approved for Director of Curriculum Review and Program Assessment

3. 11/15/22 8:43 am  
Gina Daugherty (gdaugher): Approved for Registrar Initial

4. 11/28/22 10:39 am  
Doug Miles (dmiles): Approved for Institutional Research

5. 11/28/22 11:56 am  
Ed Bengtson (egbengts): Approved for CIED Chair

6. 11/30/22 2:36 pm  
Matthew Ganio (msganio): Approved for EDUC Curriculum Committee

Program Requirements and Description

Requirements

- 7. 11/30/22 3:48 pm  
Lona Robertson  
(ljrobert): Approved  
for AFSL Dean
- 8. 12/06/22 3:22 pm  
Kevin Hall (kdhall):  
Approved for ENGR  
Dean
- 9. 12/07/22 10:11 am  
Matthew Ganio  
(msganio):  
Approved for EDUC  
Dean
- 10. 12/07/22 11:14 am  
Suzanne Kenner  
(skenner): Approved  
for Global Campus
- 11. 12/07/22 11:28 am  
Jim Gigantino  
(jgiganti): Approved  
for Provost Review
- 12. 12/16/22 4:04 pm  
Alice Griffin  
(agriffin): Approved  
for Undergraduate  
Council

History

- 1. Aug 15, 2014 by  
Leepfrog  
Administrator  
(clhelp)
- 2. Apr 21, 2015 by  
vcarter
- 3. Feb 15, 2016 by  
Charlie Alison  
(calison)
- 4. May 9, 2016 by Lisa  
Kulczak (lkulcza)
- 5. Aug 22, 2016 by  
Charlie Alison  
(calison)
- 6. Feb 27, 2017 by  
Denise Bignar  
(dbignar)
- 7. Apr 26, 2018 by  
vcarter
- 8. May 8, 2020 by Lisa  
Kulczak (lkulcza)
- 9. Dec 10, 2020 by  
Karen Turner  
(kjvestal)
- 10. Jun 17, 2022 by  
Gina Daugherty  
(gdaugher)

<a href="#">PSYC 2003</a>	General Psychology (ACTS Equivalency = PSYC 1103)	
Recommended for Technology Education concentration		
<a href="#">MATH 2043</a>	Survey of Calculus (ACTS Equivalency = MATH 2203)	
<a href="#">PHYS 2013</a> & <a href="#">PHYS 2011L</a>	College Physics I (ACTS Equivalency = PHYS 2014 Lecture) and College Physics I Laboratory (ACTS Equivalency = PHYS 2014 Lab)	
or <a href="#">PHYS 2054</a>	University Physics I (ACTS Equivalency = PHYS 2034)	
<b>Professional Education<sup>2</sup></b>		<b>35</b>
<a href="#">CIED 1013</a>	Introduction to Education	
<a href="#">CATE 3103</a>	Introduction to Professionalism	
<b><u>II. Professional Education<sup>2, 3</sup></u></b>		<b><u>29</u></b>
<a href="#">CIED 3023</a>	Survey of Exceptionalities	
or <a href="#">CIED 4023</a>	Teaching in Inclusive Secondary Settings	
<a href="#">CIED 3033</a>	Classroom Learning Theory	
<a href="#">CATE 4013</a>	Teaching Strategies	
<a href="#">CATE 4023</a>	Classroom Management	
<a href="#">CATE 4033</a>	Assessment / Program Evaluation	
<a href="#">CATE 4052</a>	Seminar Teaching Internship	
<a href="#">CATE 406X</a>	Teaching Internship (12 hours) <sup>4</sup>	
<b>III. Technical Requirements</b>		<b>21</b>
<a href="#">ASTM 3042</a>	Agricultural Construction Technology	
<a href="#">ASTM 3173</a>	Electricity in Agriculture	
<a href="#">STEM 4033</a>	Introduction to STEM Education	
<a href="#">TEED 1203</a>	CAD Technology I	
<a href="#">TEED 2103</a>	Technology and Society	
<a href="#">ASTM 3102</a> & <a href="#">ASTM 3101L</a>	Small Power Units/Turf Equipment and Small Power Units/Turf Equipment Laboratory	
<a href="#">TEED 4103</a>	Engineering Design for Technology Education Capstone	
Technical Requirement Elective (1-2 Hours)		
<b>IV. Electives</b>		<b>29</b>
Recommended courses for Technology Education - 3 hours must be Upper Level on-campus enrollment		
<a href="#">COMM 1313</a>	Public Speaking (ACTS Equivalency = SPCH 1003)	
<a href="#">GNEG 1111</a>	Introduction to Engineering I	
or <a href="#">GNEG 1103</a>	Introduction to Engineering	
<a href="#">GNEG 1121</a>	Introduction to Engineering II	
or <a href="#">GNEG 1103</a>	Introduction to Engineering	
<a href="#">INEG 3513</a>	Manufacturing Processes	
<a href="#">TEED 2103</a>	Technology and Society	
<a href="#">CATE 4073</a>	Introduction to Teaching Programming in the Secondary Schools	
Total Hours		120

<sup>1</sup> See the [State Minimum Core](#) page.

<sup>2</sup> All "II. Professional Education" courses must have grade "C" or better to award degree credit.

<sup>3</sup> [Admission to CATE-BS major required to take Professional Education courses.](#)

<sup>4</sup> [See "Stage III: Requirements for Program Continuation and Student Teaching/Internship" in parent major \(CATE BS\).](#)

Internship Semester (Spring Semester/Senior Year) Admission Criteria: Candidate must hold a cumulative GPA of 2.70 or higher. Candidate must have completed the application to teacher education through the Teacher Education Office (see the Teacher Education Application Fee ) during spring semester of sophomore year. This includes passing the Praxis Core exam and successfully completing the required criminal background check. Candidate must have taken and passed the Praxis II content examination during the previous semester or earlier. Candidate must complete a successful "internship admission interview" with Career & Technical Education faculty. Note these interviews are scheduled with all senior students during the fall semester. Note: All students seeking licensure in the State of Arkansas are subject to a criminal background check. Forms needed to complete this procedure may be obtained in 340 Graduate Education Building on the University of Arkansas campus. These forms may also be obtained from any police station (including the University of Arkansas Police station) or directly from the Arkansas State Department. These background checks take up to six months to process; therefore, students are advised to complete and submit the forms to the proper authorities at least six months in advance of graduation (or six months prior to applying for a teaching license). Arkansas will not grant a teaching license to anyone who has been convicted of a felony.



## 8-Semester Plan

## Career and Technical Education B.S.E. with Technology Education Concentration Eight-Semester Degree Program

Students wishing to follow the eight-semester degree plan in Technology Education should see the [Eight-Semester Degree Policy](#) in the Academic Regulations chapter for university requirements of the program.

First Year	Units
	FallSpring
<a href="#">ENGL 1013</a> Composition I (ACTS Equivalency = ENGL 1013) (Satisfies General Education Outcome 1.1)	3
U.S. History or Government State Minimum Core <sup>1</sup>	3
Fine Arts or Humanities State Minimum Core (Satisfies General Education Outcome 3.1 or 3.2) <sup>1</sup>	3
<a href="#">TEED 1203</a> CAD Technology I	3
<a href="#">CIED 1013</a> Introduction to Education	3
<a href="#">ENGL 1023</a> Composition II (ACTS Equivalency = ENGL 1023) (Satisfies General Education Outcome 1.1)	3
<a href="#">ASTM 3173</a> Electricity in Agriculture	3
<a href="#">TEED 2103</a> Technology and Society	3
<a href="#">MATH 2043</a> Survey of Calculus (ACTS Equivalency = MATH 2203) (Satisfies General Education Outcome 2.1)	3
Elective	4
Year Total:	15 16
Second Year	Units
	FallSpring
<a href="#">CATE 3103</a> Introduction to Professionalism (Satisfies General Education Outcomes 4.1, 4.2, and 5.1)	3
Choose one of the following (Satisfies General Education Outcome 3.4):	4
<a href="#">PHYS 2013</a> College Physics I (ACTS Equivalency = PHYS 2014 Lecture)	
& <a href="#">PHYS 2011L</a> College Physics I Laboratory (ACTS Equivalency = PHYS 2014 Lab)	
or <a href="#">PHYS 2054</a> University Physics I (ACTS Equivalency = PHYS 2034)	
<a href="#">PSYC 2003</a> General Psychology (ACTS Equivalency = PSYC 1103) (Satisfies General Education Outcome 3.3)	3
Elective	6
Science with Lab State Minimum Core (Satisfies General Education Outcome 3.4) <sup>1</sup>	4
Fine Arts or Humanities State Minimum Core (Satisfies General Education Outcomes 3.1 or 3.2) <sup>1</sup>	3
Social Sciences State Minimum Core (Satisfies General Education Outcome 3.3) <sup>1</sup>	3
<a href="#">STEM 4033</a> Introduction to STEM Education	3
Elective	3
Year Total:	16 16
Third Year	Units
	FallSpring
<a href="#">CIED 3023</a> Survey of Exceptionalities	3
or <a href="#">CIED 4023</a> Teaching in Inclusive Secondary Settings	
<a href="#">CIED 3033</a> Classroom Learning Theory	3
Elective	10
Social Sciences State Minimum Core (Satisfies General Education Outcome 3.3) <sup>1</sup>	3
<a href="#">ASTM 3042</a> Agricultural Construction Technology	2
<a href="#">ASTM 3102</a> Small Power Units/Turf Equipment	3
& <a href="#">ASTM 3101L</a> Small Power Units/Turf Equipment Laboratory	
Elective	7
Year Total:	16 15
Fourth Year	Units
	FallSpring
<a href="#">CATE 4013</a> Teaching Strategies (Satisfies General Education Outcome 1.2)	3
<a href="#">CATE 4023</a> Classroom Management	3
<a href="#">CATE 4033</a> Assessment / Program Evaluation	3
<a href="#">TEED 4103</a> Engineering Design for Technology Education Capstone	3
<a href="#">CATE 4052</a> Seminar Teaching Internship	2
<a href="#">CATE 406X</a> Teaching Internship (Satisfies General Education Outcomes 1.2 and 6.1)	12
Year Total:	12 14
Total Units in Sequence:	120

1

Students must complete the [State Minimum Core requirements](#) as outlined in the Catalog of Studies. The courses that meet the state minimum core also fulfill many of

the university's [General Education requirements](#), although there are additional considerations to satisfy the general education learning outcomes. Students are encouraged to consult with their academic adviser when making course selections.

Are Similar Programs available in the area?

Estimated Student Demand for Program 20

Scheduled Program Review Date 2019-2020

Program Goals and Objectives

Program Goals and Objectives
N/A
Learning Outcomes
N/A

Description and justification of the request	
Description of specific change	Justification for this change
We are reactivating the PCATE program code and identifying courses that are specified for pre-CATE.	The change is consistent with the other teacher education programs.

Upload attachments

Reviewer Comments

**Matthew Ganio (msganio) (11/10/22 4:45 pm):** make minor copy-editing changes to maintain consistency across the 3 concentrations.

**Matthew Ganio (msganio) (11/10/22 4:56 pm):** Removed Requirements for internship because this is the same for all concentrations, thus articulated in the parent major - CATE BS.

**Alice Griffin (agriffin) (11/11/22 4:39 pm):** Revised University Core language with State Minimum Core for campus consistency.