

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: [borr hkuicza](#) Phone: [575-6430-7456](#)

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)

College/School Name
Bumpers College of Agricultural, Food, and Life Sciences (AFLS)
College of Engineering (ENGR)

Does this proposal impact any courses from another College/School?
[No](#) ~~Yes~~

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

- 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
(ljobert): Approved
for AFLS 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

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 (Ikulcza)
- 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 (Ikulcza)
- 9. Dec 10, 2020 by
Karen Turner
(kjvestal)
- 10. Jun 17, 2022 by
Gina Daugherty
(gdaugher)

~~University Core Requirements (State Minimum Core) for Career & Technical Education¹~~

~~35~~

I. Pre-CATE requirements for Concentration in Technical Education¹

41

Required State Minimum Core

PSYC 2003

General Psychology (ACTS Equivalency = PSYC 1103)

Recommended for Technology Education concentration

MATH 2043

Survey of Calculus (ACTS Equivalency = MATH 2203)

PHYS 2013 & PHYS 2011L	College Physics I (ACTS Equivalency = PHYS 2014 Lecture) and College Physics I Laboratory (ACTS Equivalency = PHYS 2014 Lab)
or PHYS 2054	University Physics I (ACTS Equivalency = PHYS 2034)
Professional Education²	35
CIED 1013	Introduction to Education
CATE 3103	Introduction to Professionalism
<u>II. Professional Education^{2, 3}</u>	<u>29</u>
CIED 3023	Survey of Exceptionalities
or CIED 4023	Teaching in Inclusive Secondary Settings
CIED 3033	Classroom Learning Theory
CATE 4013	Teaching Strategies
CATE 4023	Classroom Management
CATE 4033	Assessment / Program Evaluation
CATE 4052	Seminar Teaching Internship
CATE 406X	Teaching Internship (12 hours) ⁴
III. Technical Requirements	21
ASTM 3042	Agricultural Construction Technology
ASTM 3173	Electricity in Agriculture
STEM 4033	Introduction to STEM Education
TEED 1203	CAD Technology I
TEED 2103	Technology and Society
ASTM 3102 & ASTM 3101L	Small Power Units/Turf Equipment and Small Power Units/Turf Equipment Laboratory
TEED 4103	Engineering Design for Technology Education Capstone
Technical Requirement Elective (1-2 Hours)	
IV. Electives	29
Recommended courses for Technology Education - 3 hours must be Upper Level on-campus enrollment	
COMM 1313	Public Speaking (ACTS Equivalency = SPCH 1003)
GNEG 1111	Introduction to Engineering I
or GNEG 1103	Introduction to Engineering
GNEG 1121	Introduction to Engineering II
or GNEG 1103	Introduction to Engineering
INEG 3513	Manufacturing Processes
TEED 2103	Technology and Society
CATE 4073	Introduction to Teaching Programming in the Secondary Schools

Total Hours 120

¹ See the [State Minimum Core](#) page.

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

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

⁴ [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

backgroundcheck: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
		Fall/Spring
ENGL 1013 Composition I (ACTS Equivalency = ENGL 1013) (Satisfies General Education Outcome 1.1)		3
U.S. History or Government State Minimum Core ¹		3
Fine Arts or Humanities State Minimum Core (Satisfies General Education Outcome 3.1 or 3.2) ¹		3
TEED 1203 CAD Technology I		3
CIED 1013 Introduction to Education		3
ENGL 1023 Composition II (ACTS Equivalency = ENGL 1023) (Satisfies General Education Outcome 1.1)		3
ASTM 3173 Electricity in Agriculture		3
TEED 2103 Technology and Society		3
MATH 2043 Survey of Calculus (ACTS Equivalency = MATH 2203) (Satisfies General Education Outcome 2.1)		3
Elective		4
Year Total:		15 16
Second Year		Units
		Fall/Spring
CATE 3103 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
PHYS 2013 College Physics I (ACTS Equivalency = PHYS 2014 Lecture)		
& PHYS 2011L College Physics I Laboratory (ACTS Equivalency = PHYS 2014 Lab)		
or PHYS 2054 University Physics I (ACTS Equivalency = PHYS 2034)		
PSYC 2003 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) ¹		4
Fine Arts or Humanities State Minimum Core (Satisfies General Education Outcomes 3.1 or 3.2) ¹		3
Social Sciences State Minimum Core (Satisfies General Education Outcome 3.3) ¹		3
STEM 4033 Introduction to STEM Education		3
Elective		3
Year Total:		16 16
Third Year		Units
		Fall/Spring
CIED 3023 Survey of Exceptionalities		3
or CIED 4023 Teaching in Inclusive Secondary Settings		
CIED 3033 Classroom Learning Theory		3
Elective		10
Social Sciences State Minimum Core (Satisfies General Education Outcome 3.3) ¹		3
ASTM 3042 Agricultural Construction Technology		2
ASTM 3102 Small Power Units/Turf Equipment		3
& ASTM 3101L Small Power Units/Turf Equipment Laboratory		
Elective		7
Year Total:		16 15
Fourth Year		Units
		Fall/Spring
CATE 4013 Teaching Strategies (Satisfies General Education Outcome 1.2)		3
CATE 4023 Classroom Management		3
CATE 4033 Assessment / Program Evaluation		3
TEED 4103 Engineering Design for Technology Education Capstone		3
CATE 4052 Seminar Teaching Internship		2
CATE 406X 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 2019-2020
 Review Date

Program Goals and Objectives

Program Goals and Objectives
N/A

Learning Outcomes

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.