

Date Submitted: 09/23/24 12:47 pm

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

Last approved: 04/09/24 1:12 pm

Last edit: 11/18/24 2:52 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: borr gdaugher Phone: 575-2455 575-6430

Program Status: Active

Academic Level: Undergraduate

Type of proposal: Concentration Major/Field of Study

Select a reason for this modification  
Revising an Approved Licensure Program--(Cover Sheet, Section C)

Effective Catalog Year: Fall 2025

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:

## In Workflow

1. EDUC Dean Initial
2. Director of Curriculum Review and Program Assessment
3. Registrar Initial
4. University Teacher Education Board
5. Institutional Research
6. CIED Chair
7. EDUC Curriculum Committee
8. AFLS Dean
9. ENGR Dean
10. EDUC Dean
11. Global Campus
12. Provost Review
13. Undergraduate Council
14. Faculty Senate
15. Provost Final
16. Provost's Office-- Documentation sent to System Office
17. Higher Learning Commission
18. Board of Trustees
19. ADHE Final
20. Division of Elementary and Secondary Education
21. Provost's Office-- Notification of Approval
22. Registrar Final

## 23. Catalog Editor Final

**Approval Path**

1. 10/15/24 10:53 am  
Matthew Ganio  
(msganio):  
Approved for EDUC  
Dean Initial
2. 11/04/24 10:34 am  
Lisa Kulczak  
(lkulcza): Approved  
for Director of  
Curriculum Review  
and Program  
Assessment
3. 11/04/24 10:41 am  
Gina Daugherty  
(gdaugher):  
Approved for  
Registrar Initial
4. 11/04/24 10:47 am  
Jennifer Beasley  
(jgbeasle):  
Approved for  
University Teacher  
Education Board
5. 11/04/24 10:57 am  
Doug Miles  
(dmiles): Approved  
for Institutional  
Research
6. 11/04/24 10:57 am  
Suzanne Kucharczyk  
(suzannek):  
Approved for CIED  
Chair
7. 11/06/24 2:37 pm  
Matthew Ganio  
(msganio):  
Approved for EDUC

Curriculum

Committee

8. 11/06/24 3:38 pm  
Lona Robertson  
(lrobert): Approved  
for AFLS Dean
9. 11/13/24 8:13 am  
Kevin Hall (kdhall):  
Approved for ENGR  
Dean
10. 11/13/24 8:13 am  
Matthew Ganio  
(msganio):  
Approved for EDUC  
Dean
11. 11/13/24 9:15 am  
Suzanne Kenner  
(skenner): Approved  
for Global Campus
12. 11/13/24 11:14 am  
Jim Gigantino  
(jgiganti): Approved  
for Provost Review
13. 11/23/24 11:49 am  
Lisa Kulczak  
(lkulcza): 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)
11. Jan 25, 2023 by borr
12. Dec 13, 2023 by  
Jean Mitchell  
(jem03)
13. Dec 13, 2023 by  
Jean Mitchell  
(jem03)
14. Apr 8, 2024 by Gina  
Daugherty  
(gdaugher)
15. Apr 9, 2024 by Gina  
Daugherty  
(gdaugher)

13.1319 - Technical Teacher Education.

Program Title

Career and Technical Education: Technology Education Concentration

Program Delivery

Method

On Campus

Is this program interdisciplinary between two or more colleges or schools?

Yes

College(s)/School(s)

**College/School Name**

Bumpers College of Agricultural, Food, and Life Sciences (AFLS)

College of Engineering (ENGR)

Do the proposed changes impact any specific course(s) from another college or school?

No

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

## Program Requirements and Description

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### Requirements

#### I. Pre-CATE requirements for Concentration in Technical Education <sup>1</sup> 41

Required State Minimum Core

[PSYC 20003](#) General Psychology (ACTS Equivalency = PSYC 1103)

Recommended for Technology Education concentration

[MATH 22003](#) Survey of Calculus (ACTS Equivalency = MATH 2203)

[PHYS 20103](#) College Physics I (ACTS Equivalency = PHYS 2014 Lecture)  
& [PHYS 20101](#) and College Physics I Laboratory (ACTS Equivalency = PHYS 2014 Lab)

or [PHYS 20304](#) University Physics I (ACTS Equivalency = PHYS 2034)

[CIED 10103](#) Introduction to Education

[CATE 31003](#) Introduction to Professionalism

#### II. Professional Education <sup>2, 3</sup> 35

[CIED 30203](#) Survey of Exceptionalities

or [CIED 40203](#) Teaching in Inclusive Secondary Settings

[CIED 30303](#) Classroom Learning Theory

~~[CIED 40103](#) Capstone Course for Foreign Language Licensure~~

~~[CIED 40203](#) Teaching in Inclusive Secondary Settings~~

[SEED 40202](#) [Classroom Management Concepts](#)

[CATE 40103](#) [Teaching Strategies](#)

[CATE 40303](#) Assessment / Program Evaluation

[CATE 40502](#) Seminar Teaching Internship

[CATE 41006](#) [Course CATE 41006 Not Found](#)

[CATE 40612](#) Teaching Internship <sup>4</sup>

### III. Technical Requirements

21

[ASTM 16103](#) Fundamentals of Agricultural Systems Technology

[ASTM 31703](#) Electricity in Agriculture

[STEM 40303](#) Introduction to STEM Education

[TEED 12003](#) CAD Technology I

[TEED 21003](#) Technology and Society

[ASTM 31002](#) Small Power Units/Turf Equipment  
& [ASTM 31001](#) and Small Power Units/Turf Equipment Laboratory

[TEED 41003](#) Engineering Design for Technology Education Capstone

[Technical Requirement Elective \(1-2 Hours\)](#)

### IV. Electives

23

Recommended courses for Technology Education - 3 hours must be Upper Level on-campus enrollment

[SPCH 10003](#) Public Speaking (ACTS Equivalency = SPCH 1003)

[GNEG 11101](#) Introduction to Engineering I

or [GNEG 11003](#) Introduction to Engineering

[GNEG 11201](#) Introduction to Engineering II

or [GNEG 11003](#) Introduction to Engineering

[INEG 35103](#) Manufacturing Processes

[TEED 21003](#) Technology and Society

[STEM 40703](#) 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 Career and Technical Education B.S. major is required to take Professional Education courses.

4

See "Stage III: Requirements for Program Continuation and Residency" in parent major (CATE BS).



## 8-Semester Plan

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

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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 10103</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
<del>TEED 12003 CAD Technology†</del>	<del>3 -</del>
<a href="#">ASTM 16103 Fundamentals of Agricultural Systems Technology</a>	<u>3</u> =
<a href="#">CIED 10103</a> Introduction to Education	3
<a href="#">ENGL 10203</a> Composition II (ACTS Equivalency = ENGL 1023) (Satisfies General Education Outcome 1.1)	3
<del>ASTM 31703 Electricity in Agriculture</del>	<del>- 3</del>
<a href="#">PSYC 20003 General Psychology (ACTS Equivalency = PSYC 1103)</a>	= <u>3</u>
<a href="#">TEED 21003</a> Technology and Society	3
<a href="#">MATH 22003</a> Survey of Calculus (ACTS Equivalency = MATH 2203) (Satisfies General Education Outcome 2.1)	3
<del>Elective</del>	<del>- 4</del>
<u>Elective</u>	= <u>3</u>
Year Total:	15 15
Second Year	Units
	FallSpring
<a href="#">CATE 31003</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 20103</a> College Physics I (ACTS Equivalency = PHYS 2014 Lecture)	
& <a href="#">PHYS 20101</a> College Physics I Laboratory (ACTS Equivalency = PHYS 2014 Lab)	
or <a href="#">PHYS 20304</a> University Physics I (ACTS Equivalency = PHYS 2034)	
<del>PSYC 20003 General Psychology (ACTS Equivalency = PSYC 1103) (Satisfies General Education Outcome 3-3)</del>	<del>3 -</del>
<a href="#">TEED 12003 CAD Technology I</a>	<u>3</u> =
Elective	5
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 40303</a> Introduction to STEM Education	3
Elective	3
Year Total:	15 16

Third Year	Units
	FallSpring
<a href="#">CIED 30203</a> Survey of Exceptionalities	3
or <a href="#">CIED 40203</a> Teaching in Inclusive Secondary Settings	
<a href="#">CIED 30303</a> Classroom Learning Theory	3
<a href="#">ASTM 31703 Electricity in Agriculture</a>	<u>3</u> =
Elective	6
Social Sciences State Minimum Core (Satisfies General Education Outcome 3.3) <sup>1</sup>	3
<del><a href="#">ASTM 16103 Fundamentals of Agricultural Systems Technology</a></del>	<del>3</del> -
<a href="#">ASTM 31002</a> Small Power Units/Turf Equipment	3
& <a href="#">ASTM 31001</a> Small Power Units/Turf Equipment Laboratory	
<a href="#">TEED 41003 Engineering Design for Technology Education Capstone</a>	= <u>3</u>
Elective	6
Year Total:	15 15

Fourth Year	Units
	FallSpring
<a href="#">CATE 40103</a> Teaching Strategies (Satisfies General Education Outcome 1.2)	3
<del><a href="#">CATE 40203 Classroom Management</a></del>	<del>3</del> -
<a href="#">SEED 40202 Classroom Management Concepts</a>	<u>3</u> =
<a href="#">CATE 40303</a> Assessment / Program Evaluation	3
<del><a href="#">TEED 41003 Engineering Design for Technology Education Capstone</a></del>	<del>3</del> -
<a href="#">CATE 41006</a> <del>Course CATE 41006 Not Found</del>	<u>6</u> =
<a href="#">CATE 40502</a> Seminar Teaching Internship	2
<a href="#">CATE 40612</a> Teaching Internship (Satisfies General Education Outcomes 1.2 and 6.1)	12
Year Total:	15 14

Total Units in Sequence: 120

<sup>1</sup>  
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?

No

Estimated Student 10 ~~20~~  
 Demand for Program  
 Scheduled Program 2026-2027 ~~2019-~~  
 Review Date ~~2020~~

## Program Goals and Objectives

### Program Goals and Objectives

All courses have stated goals and objectives that are listed for each course syllabus. The program objectives are to provide an appropriate series of courses and experiences to enable candidates to successfully enter technology education fields and/or to seek admission to graduate programs in career and technical education.

N/A

## Learning Outcomes

### Learning Outcomes

In addition to the Arkansas Teaching Standards, the teacher of technology education shall demonstrate competencies in the content. N/A

## Description and justification of the request

Description of specific change	Justification for this change
Add a new course: CATE 41006 Teaching Residency I	This is needed to change to the yearlong internship. CATE 41006 Teaching Residency I will be taught during the fall semester. Students will be placed in a local public school Monday/Wednesday/Friday during the fall semester and complete 18 hours per week residency.
Change the classroom management course from CATE 40503 to SEED 40203 Classroom Management Concepts	This is similar curriculum as CATE 40203. The justification is to maximize resources.
Change electives to reflect the additional hours (CATE 41006).	Electives were reduced to accommodate the number of credit hours in CATE 41006 Teaching Residency I.
Change name of CATE 40612 Teaching Internship to CATE 40612 Teaching Residency II	Terminology is changing from "internship" to "residency." This is already going through the system.

## Upload attachments

[CATE 41006 Fall 2025 \(002\).docx](#)

[FI24 SEED 40203 Classroom Mgmt Concepts.docx](#)

[CATEBS Cover Sheet.docx](#)

[TEED 8 semester plan - Sept 23 2024 \(1\).docx](#)

[CATE\\_One-Year\\_Supervised\\_Residency\\_EEF Sept 23, 2024 FINAL.docx](#)

[CATEBS - Curriculum Revision - Ltr of Notification\\_Rev\\_BOT.pdf](#)

## Reviewer Comments

**Matthew Ganio (msganio) (10/14/24 4:39 pm):** SEED 40202 is moving to 3-cr hr (SEED 40203).

This catalog change takes the extra hour into account

**Lisa Kulczak (lkulcza) (10/31/24 5:02 pm):** Updated submitter information. CATE 41006 is already in the final steps of approval for fall 2025

**Lisa Kulczak (lkulcza) (11/04/24 10:10 am):** Due to the curriculum revisions required for licensure, this proposal will also need BOT/ADHE approval as well as UTEB and DESE; please adjust the workflow accordingly.

**Lisa Kulczak (lkulcza) (11/18/24 2:52 pm):** Uploaded LON.

Key: 124