

## Program Change Request

Date Submitted: 10/11/17 9:04 am

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

Last approved: 02/27/17 10:40 am

Last edit: 10/11/17 9:04 am

Changes proposed by: vcarter

Catalog Pages Using this Program [Career and Technical Education B.S.E. with Technology Education Concentration](#)  
[Career and Technical Education \(CATE\)](#)

### In Workflow

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

Submitter: User ID: crsleaf1 Phone: 5-3076  
 Program Status: Active  
 Academic Level: Undergraduate  
 Type of proposal: Major/Field of Study  
 Select a reason for this modification  
 Revising Curriculum of an Existing Certificate or Degree Program--(LON 11C)  
 Are you adding a concentration? No  
 Are you adding a track? No  
 Are you adding a focused study? No  
 Effective Catalog Year: Fall 2018  
 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?

No ~~Yes~~

Does this proposal impact any courses from another College/School?

Yes

College(s)/School(s)

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

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

### Approval Path

1. 09/14/17 4:42 pm Ketevan Mamiseishvili (kmamisei): Approved for EDUC Dean Initial
2. 09/15/17 7:42 am Terry Martin (tmartin): Approved for Provost Initial
3. 10/09/17 12:21 pm Alice Griffin (agriffin): Rollback to Initiator
4. 10/11/17 9:34 am Ketevan Mamiseishvili (kmamisei): Approved for EDUC Dean Initial

### Program Requirements and Description

## Requirements

5. 10/18/17 11:52 am  
Terry Martin  
(tmartin): Approved  
for Provost Initial
6. 10/18/17 5:32 pm  
Alice Griffin  
(agriffin): Approved  
for Director of  
Program  
Assessment and  
Review
7. 10/20/17 3:32 pm  
Lisa Kulczak  
(lkulcza): Approved  
for Registrar Initial
8. 10/20/17 3:33 pm  
Gary Gunderman  
(ggunderm):  
Approved for  
Institutional  
Research
9. 10/21/17 8:52 am  
Cheryl Murphy  
(cmurphy):  
Approved for CIED  
Chair
10. 11/01/17 3:33 pm  
Ketevan  
Mamiseishvili  
(kmamisei):  
Approved for EDUC  
Curriculum  
Committee
11. 11/01/17 3:59 pm  
Ketevan  
Mamiseishvili  
(kmamisei):  
Approved for EDUC  
Faculty
12. 11/02/17 8:37 am  
Michael Evans  
(mrevans):  
Approved for AFLS  
Dean
13. 11/02/17 9:09 am  
Norman Dennis  
(ndennis): Approved  
for ENGR Dean
14. 11/02/17 9:10 am  
Ketevan  
Mamiseishvili  
(kmamisei):  
Approved for EDUC  
Dean
15. 11/03/17 9:07 am  
Kiersten Bible  
(kbible): Approved  
for Global Campus
16. 11/09/17 3:14 pm  
Terry Martin  
(tmartin): Approved  
for Provost Review

University Core Requirements (State Minimum Core) for Career & Technical Education 1

- [PSYC 2003](#) General Psychology (ACTS Equivalency = PSYC 1103) (Sp, Su, Fa)
- Recommended for Technology Education concentration
  - [MATH 2043](#) Survey of Calculus (ACTS Equivalency = MATH 2203) (Sp, Su, Fa)
  - [PHYS 2013](#) College Physics I (ACTS Equivalency = PHYS 2014 Lecture) (Su, Fa)
  - & [PHYS 2011L](#) and College Physics I Laboratory (ACTS Equivalency = PHYS 2014 Lab) (Su, Fa)
  - or [PHYS 2054](#) University Physics I (ACTS Equivalency = PHYS 2034) (Sp, Su, Fa)

Professional Education 2

- [CIED 1013](#) Introduction to Education (Sp, Fa)
- [CIED 3023](#) Survey of Exceptionalities (Sp, Su, Fa)
- or [CIED 4023](#) Teaching in Inclusive Secondary Settings (Su)
- [CIED 3033](#) Classroom Learning Theory (Sp, Su, Fa)
- [CATE 3103](#) Introduction to Professionalism (Fa)
- [CATE 4013](#) Teaching Strategies (Fa)
- [CATE 4023](#) Classroom Management (Fa)
- [CATE 4033](#) Assessment / Program Evaluation (Fa)
- [CATE 4052](#) Seminar Teaching Internship (Sp)
- [CATE 406X](#) Teaching Internship (Sp) ((12 hours))

Technical Electives

Total Hours

Technical Requirements

- [AGME 3042](#) Agricultural Construction Technology (Irregular)
- [AGME 3173](#) Electricity in Agriculture (Sp)
- [STEM 4033](#) Introduction to STEM Education (Sp, Su)
- [GNEG 1122](#) Introduction CAD (Sp, Fa)
- or [TEED 1203](#) CAD Technology I (Sp)
- [TEED 1103](#) The Nature of Technology (Sp)
- or [TEED 2103](#) Technology and Society (Fa)
- [TEED 3303](#) The Technologies of Energy and Movement (Irregular)
- or [AGME 3102](#) Small Power Units/Turf Equipment (Sp)
- & [AGME 3101L](#) and Small Power Units/Turf Equipment Laboratory (Sp)
- [TEED 4103](#) Engineering Design for Technology Education Capstone (Irregular)

Technical Requirement Elective (1-2 Hours)

Electives

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

- [COMM 1313](#) Public Speaking (ACTS Equivalency = SPCH 1003) (Sp, Su, Fa)
- [CIED 4003](#) ~~Introduction to Technology in Education (Sp, Su, Fa) (or any 3hr computer course)~~
- [GNEG 1111](#) Introduction to Engineering I (Sp, Fa)
- or [GNEG 1103](#) Introduction to Engineering (Sp, Fa)
- [GNEG 1121](#) Introduction to Engineering II (Sp, Fa)
- or [GNEG 1103](#) Introduction to Engineering (Sp, Fa)
- [INEG 3513](#) Manufacturing Processes (Sp)
- [TEED 2103](#) Technology and Society (Fa)
- or [TEED 1103](#) The Nature of Technology (Sp)
- [TEED 3203](#) The Technology of Communicating (Irregular)
- or [CATE 4073](#) Introduction to Teaching Programming in the Secondary Schools (Irregular)

Total Hours

1 See the [University Core](#) page.

2 All professional education courses must have grade "C" or better to award degree credit.

**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.

17. 11/20/17 2:59 pm  
Alice Griffin  
(agriffin): Approved  
for University  
Course and Program  
Committee

History 35

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)

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120

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) (Sp, Su, Fa)	3
<del><a href="#">GNEG 1111</a> Introduction to Engineering I (Sp, Fa)</del>	<del>1</del> -
<del>or <a href="#">GNEG 1103</a> Introduction to Engineering (Sp, Fa)</del>	
U.S. History1	3
Fine Arts or Humanities1	3
<a href="#">GNEG 1122</a> Introduction CAD (Sp, Fa)	2
<a href="#">CIED 1013</a> Introduction to Education (Sp, Fa)	3
<b>Elective</b>	<b>1</b>
<a href="#">ENGL 1023</a> Composition II (ACTS Equivalency = ENGL 1023) (Sp, Su, Fa)	3
<del><a href="#">GNEG 1121</a> Introduction to Engineering II (Sp, Fa)</del>	<del>- 1</del>
<del>or <a href="#">GNEG 1103</a> Introduction to Engineering (Sp, Fa)</del>	
<a href="#">AGME 3173</a> Electricity in Agriculture (Sp)	3
<a href="#">TEED 1103</a> The Nature of Technology (Sp)	3
<a href="#">MATH 2043</a> Survey of Calculus (ACTS Equivalency = MATH 2203) (Sp, Su, Fa)	3
<del>Technical Elective Course</del>	<del>- 3</del>
<b>Elective</b>	<b>4</b>
Year Total:	15 16

Second Year	Units
	FallSpring
<b><a href="#">CATE 3103</a> Introduction to Professionalism (Fa)</b>	<b>3</b>
<a href="#">PHYS 2013</a> College Physics I (ACTS Equivalency = PHYS 2014 Lecture) (Su, Fa)	4
& <a href="#">PHYS 2011L</a> College Physics I Laboratory (ACTS Equivalency = PHYS 2014 Lab) (Su, Fa)	
or <a href="#">PHYS 2054</a> University Physics I (ACTS Equivalency = PHYS 2034) (Sp, Su, Fa)	
<a href="#">PSYC 2003</a> General Psychology (ACTS Equivalency = PSYC 1103) (Sp, Su, Fa)	3
<del><a href="#">COMM 1313</a> Public Speaking (ACTS Equivalency = SPCH 1003) (Sp, Su, Fa)</del>	<del>3</del> -
<del><a href="#">TEED 2103</a> Technology and Society (Fa)</del>	<del>3</del> -
<del><a href="#">CIED 1003</a> Introduction to Technology in Education (Sp, Su, Fa) (or any 3hr computer course)</del>	<del>3</del> -
<b>Elective</b>	<b>6</b>
Science with Lab1	4
Fine Arts or Humanities1	3
Social Science1	3
<a href="#">STEM 4033</a> Introduction to STEM Education (Sp, Su)	3
<b>Elective</b>	<b>3</b>
Year Total:	16 16

Third Year	Units
	FallSpring
<a href="#">CIED 3023</a> Survey of Exceptionalities (Sp, Su, Fa)	3
or <a href="#">CIED 4023</a> Teaching in Inclusive Secondary Settings (Su)	
<a href="#">CIED 3033</a> Classroom Learning Theory (Sp, Su, Fa)	3
<del><a href="#">TEED 3203</a> The Technology of Communicating (Irregular)</del>	<del>3</del> -
<del>or <a href="#">CATE 4073</a> Introduction to Teaching Programming in the Secondary Schools (Irregular)</del>	
<del><a href="#">INEG 3513</a> Manufacturing Processes (Sp)</del>	<del>3</del> -
<del>Technical Elective Course</del>	<del>4</del> -
<b>Elective</b>	<b>10</b>
Social Science1	3
<a href="#">AGME 3042</a> Agricultural Construction Technology (Irregular)	2
<del>Technical Elective Course</del>	<del>- 4</del>
<a href="#">TEED 3303</a> The Technologies of Energy and Movement (Irregular)	3
or <a href="#">AGME 3102</a> and <a href="#">AGME 3101L</a>	
<b>Elective</b>	<b>7</b>
Year Total:	16 15

Fourth Year		Units
		Fall/Spring
<a href="#">CATE 4013</a> Teaching Strategies (Fa)		3
<a href="#">CATE 4023</a> Classroom Management (Fa)		3
<a href="#">CATE 4033</a> Assessment / Program Evaluation (Fa)		3
<a href="#">TEED 4103</a> Engineering Design for Technology Education Capstone (Irregular)		3
<del><a href="#">CATE 3103</a> Introduction to Professionalism (Fa)</del>		<del>3</del> -
<a href="#">CATE 4052</a> Seminar Teaching Internship (Sp)		2
<a href="#">CATE 406X</a> Teaching Internship (Sp)		12
Year Total:		12 14
Total Units in Sequence:		120
1 Must meet University Core		

No	Are Similar Programs available in the area?
Estimated Student Demand for Program	20
Scheduled Program Review Date	2019-2020 -
Program Goals and Objectives	
<b>Program Goals and Objectives</b>	
N/A -	
Learning Outcomes	
<b>Learning Outcomes</b>	
N/A -	

Description and justification of the request

Description of specific change	Justification for this change
Added recommended courses that restructure the CATE-BS TEED concentration. Changed PSYC 2003 General Psychology to a Required University Core for Career & Technical Education. Changed MATH 2043 Survey of Calculus and PHYS 2013 & PHYS 2011L or PHYS 2054 University Physics I to a recommendation for the Technology Education concentration. Added recommended courses as electives - CIED 1003 Introduction to Technology in Education (or any 3hr computer course), COMM 1313 Public Speaking (ACTS Equivalency = SPCH 1003), GNEG 1111 Introduction to Engineering I or GNEG 1103 Introduction to Engineering, GNEG1121 Introduction to Engineering II or GNEG 1103 Introduction to Engineering, TEED 3203 The Technology of Communicating or CATE 4073 Introduction to Teaching Programming in the Secondary Schools, and INEG 3513 Manufacturing Processes.	To better align the overall academic program with all three concentrations (Technology Education, Family and Consumer Sciences Education, and Business Education )

Upload attachments [CATEBS - Revision - Curriculum.docx](#)  
[CATEBS - Revision - Ltr of Notification.docx](#)

Reviewer Comments **Alice Griffin (agriffin) (10/07/17 7:18 pm)**: Changed Technical Requirements from 19 to 21 hours and changed electives from 31 to 29 hours to match rest the other two concentrations for degree requirements.  
**Alice Griffin (agriffin) (10/09/17 11:54 am)**: Uploaded revised copies of LON and supporting curriculum document with approval from college and department.  
**Alice Griffin (agriffin) (10/09/17 11:56 am)**: Inserted scheduled program review date.  
**Alice Griffin (agriffin) (10/09/17 12:21 pm)**: Rollback: Please change response to does this proposal impact any courses from another college and insert the appropriate college (Bumpers College and College of Engineering) to incorporate them into the approval workflow. Also, please review correspondence related to interdisciplinary question.