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)

**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?

**College(s)/School(s):**
- Bumpers College of Agricultural, Food, and Life Sciences(AFLS)
- College of Engineering(ENGR)

What are the total hours needed to complete the program?

- **120**

**Program Requirements and Description**

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

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 EDUCC Dean Initial
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 (kmamise): Approved for EDUC Curriculum Committee
11. 11/01/17 3:59 pm
Ketevan Mamiseishvili (kmamise): 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 (kmamise): Approved for EDUC Dean
15. 11/03/17 9:07 am
Kiersten Bible (kbible): Approved for Global Campus
16. 11/05/17 3:14 pm
Terry Martin (tmartin): Approved for Provost Review
University Core Requirements (State Minimum Core) for Career & Technical Education

**Psychology**
- 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**

1. CIED 1013 Introduction to Education (Sp, Fa)
2. CIED 3023 Survey of Exceptionalities (Sp, Su, Fa)
3. CIED 3033 Classroom Learning Theory (Sp, Su, Fa)
4. CATE 3103 Introduction to Professionalism (Fa)
5. CATE 4013 Teaching Strategies (Fa)
6. CATE 4023 Classroom Management (Fa)
7. CATE 4033 Assessment / Program Evaluation (Fa)
8. CATE 4052 Seminar Teaching Internship (Sp)
9. CATE 406X Teaching Internship (Sp) (12 hours)

**Total Hours: 35**

**Technical Electives**

1. AGME 3042 Agricultural Construction Technology (Irregular)
2. AGME 3173 Electricity in Agriculture (Sp)
3. STEM 4013 Introduction to STEM Education (Sp, Su)
4. GNEG 1122 Introduction CAD (Sp, Fa)
  or TEED 1203 CAD Technology I (Sp)
5. TEED 1103 The Nature of Technology (Sp)
  or TEED 2103 Technology and Society (Fa)
6. TEED 3303 The Technologies of Energy and Movement (Irregular)
  or AGME 3102 Small Power Units/Turf Equipment (Sp)
  & AGME 3101L Small Power Units/Turf Equipment Laboratory (Sp)
7. TEED 4103 Engineering Design for Technology Education Capstone (Irregular)

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

1. COMM 1313 Public Speaking (ACTS Equivalency = SPCH 1003) (Sp, Su, Fa)
2. CIED 1008 Introduction to Technology in Education (Sp, Su, Fa) or any 3hr computer course
3. GNEG 1111 Introduction to Engineering I (Sp, Fa)
4. GNEG 1112 Introduction to Engineering II (Sp, Fa)
5. GNEG 1103 Introduction to Engineering (Sp, Fa)
6. INEG 3513 Manufacturing Processes (Sp)
7. TEED 2103 Technology and Society (Fa)
8. TEED 3203 The Technology of Communicating (Irregular)
9. CATE 4073 Introduction to Teaching Programming in the Secondary Schools (Irregular)

**Total Hours: 29**

**Electives: 29**

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.
# 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](https://nextcatalog.uark.edu/courseleaf/courseleaf.cgi?page=/programadmin/124/index.html) in the Academic Regulations chapter for university requirements of the program.

### First Year

<table>
<thead>
<tr>
<th>Units</th>
<th>Fall</th>
<th>Spring</th>
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<tbody>
<tr>
<td><strong>ENGL 1013</strong> Composition I (ACTS Equivalency = ENGL 1013) (Sp, Su, Fa)</td>
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<td><strong>GNEG 1111 Introduction to Engineering I (Sp, Fa)</strong> or <strong>GNEG 1103 Introduction to Engineering (Sp, Fa)</strong></td>
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<td>Fine Arts or Humanities1</td>
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<tr>
<td><strong>GNEG 1122 Introduction CAD (Sp, Fa)</strong></td>
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<td><strong>CIED 1013 Introduction to Education (Sp, Fa)</strong></td>
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<td><strong>Elective</strong></td>
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<td><strong>ENGL 1023 Composition II (ACTS Equivalency = ENGL 1023) (Sp, Su, Fa)</strong></td>
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<td><strong>GNEG 1121 Introduction to Engineering II (Sp, Fa)</strong> or <strong>GNEG 1103 Introduction to Engineering (Sp, Fa)</strong></td>
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<td><strong>AGME 3173 Electricity in Agriculture (Sp)</strong></td>
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<td><strong>TEED 1103 The Nature of Technology (Sp)</strong></td>
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<td><strong>MATH 2043 Survey of Calculus (ACTS Equivalency = MATH 2203) (Sp, Su, Fa)</strong></td>
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### Second Year

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<tr>
<td><strong>CATE 3103 Introduction to Professionalism (Fa)</strong></td>
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<td><strong>PHYS 2013 College Physics I (ACTS Equivalency = PHYS 2014 Lecture) (Su, Fa)</strong> &amp; <strong>PHYS 2011 College Physics I Laboratory (ACTS Equivalency = PHYS 2014 Lab) (Su, Fa)</strong> or <strong>PHYS 2004 University Physics I (ACTS Equivalency = PHYS 2034) (Sp, Su, Fa)</strong></td>
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<td><strong>TEED 2103 Technology and Society (Fa)</strong></td>
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<td><strong>STEM 4033 Introduction to STEM Education (Sp, Su)</strong></td>
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### Third Year

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<td>or <strong>CIED 4023 Teaching in Inclusive Secondary Settings (Su)</strong></td>
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<td><strong>CIED 3033 Classroom Learning Theory (Sp, Su, Fa)</strong></td>
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<td><strong>INEG 3513 Manufacturing Processes (Sp)</strong></td>
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<td>Technical Elective Course</td>
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<td><strong>TEED 3303 The Technologies of Energy and Movement (Irregular)</strong></td>
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<td>or <strong>AGME 3102 and AGME 3101L</strong></td>
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</table>
### Program Goals and Objectives

N/A

### Learning Outcomes

N/A

### Description and Justification of the Request

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.