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   Fall 2018
Year

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**

Program Requirements and Description

Requirements

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
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):

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 1003~~	~~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   120

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 in the Academic Regulations chapter for university requirements of the program.

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

Second Year	Units	
	Fall	Spring
CATE 3103 Introduction to Professionalism (Fa)	**3**	
PHYS 2013 College Physics I (ACTS Equivalency = PHYS 2014 Lecture) (Su, Fa)	4	
& PHYS 2011L College Physics I Laboratory (ACTS Equivalency = PHYS 2014 Lab) (Su, Fa)		
or PHYS 2054 University Physics I (ACTS Equivalency = PHYS 2034) (Sp, Su, Fa)		
PSYC 2003 General Psychology (ACTS Equivalency = PSYC 1103) (Sp, Su, Fa)	3	
COMM 1313 Public Speaking (ACTS Equivalency = SPCH 1003) (Sp, Su, Fa)	3	-
TEED 2103 Technology and Society (Fa)	3	-
CIED 1003 Introduction to Technology in Education (Sp, Su, Fa) (or any 3hr computer course)	3	-
Elective	**6**	
Science with Lab1		4
Fine Arts or Humanities1		3

	Fall	Spring
Social Science[1]	3	
STEM 4033 Introduction to STEM Education (Sp, Su)	3	
Elective	3	
Year Total:	16	16

Third Year	Units	
	Fall	Spring
CIED 3023 Survey of Exceptionalities (Sp, Su, Fa)	3	
or CIED 4023 Teaching in Inclusive Secondary Settings (Su)		
CIED 3033 Classroom Learning Theory (Sp, Su, Fa)	3	
TEED 3203 The Technology of Communicating (Irregular)	3	-
or CATE 4073 Introduction to Teaching Programming in the Secondary Schools (Irregular)		
INEG 3513 Manufacturing Processes (Sp)	3	-
Technical Elective Course	4	-
Elective	**10**	
Social Science[1]	3	
AGME 3042 Agricultural Construction Technology (Irregular)	2	
Technical Elective Course	-	4
TEED 3303 The Technologies of Energy and Movement (Irregular)	3	
or AGME 3102 and AGME 3101L		
Elective	**7**	
Year Total:	16	15

Fourth Year	Units	
	Fall	Spring
CATE 4013 Teaching Strategies (Fa)	3	
CATE 4023 Classroom Management (Fa)	3	
CATE 4033 Assessment / Program Evaluation (Fa)	3	
TEED 4103 Engineering Design for Technology Education Capstone (Irregular)	3	
CATE 3103 Introduction to Professionalism (Fa)	3	-
CATE 4052 Seminar Teaching Internship (Sp)		2
CATE 406X Teaching Internship (Sp)		12
Year Total:	12	14

Total Units in Sequence:		120

1   Must meet University Core

Are Similar Programs available in the area?
No

Estimated Student Demand for Program	20
Scheduled Program Review Date	**2019-2020** –
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
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.

Key: 124