Institution: University of Arkansas			
Degree Title: BSE, Career and Technical Education (Technology Education Conc.)			
CIP Code: 13.1319			
Degree Code: 4110			
Total Degree Credit Hours (including prerequisites): 120			
Effective Date (Term/Year): Fall 2013			
Required State General Education Core (35 credit hours)	**Course Number**	**Course Title**	**Credit Hours**
English (6 semester credit hours			
	ENGL 1013	Composition I	3
	ENGL 1023	Composition II	3
Communication (0-3 semester credit hours)			
	COMM 1313	Public Speaking	3
Mathematics (3 semester credits hours)			
	MATH 2403	Survey of Calculus	3
College Algebra, Comparable Course or Higher			
Lab Science (8 semester credit hours)			8
	ASTR 2003/2001L	Survey of the Universe	
	ANTH 1013/1011L	Intro to Biological Anthropology	
	BIOL 1543/1541L	Principles of Biology	
	BIOL 1603/1601L	Principles of Zoology	
	BIOL 1613/1611L	Plant Biology	
	BIOL 2213/2211L	Human Physiology	
	BIOL 2443/2441L	Human Anatomy	
	CHEM 1053/1051L	Chemistry in the Modern World	
	CHEM 1073/1071L	Fundamentals of Chemistry	
	CHEM 1103/1101L	University Chemistry I	
	CHEM 1113	University Chemistry for Engineers II	
	CHEM 1123/1121L	University Chemistry II	
	CHEM 1133/1131L	University Chemistry for Engineers II	
	CHEM 1213/1211L	Chemistry for Majors I	
	CHEM 1223/1221L	Chemistry for Majors II	
	GEOL 1113/1111L	General Geology	
	GEOL 1133/1131L	Environmental Geology	

Required State General Education Core *continued*			
Lab Science (8 semester credit hours) *continued*	**Course Number**	**Course Title**	**Credit Hours**
	PHYS 1023/1021L	Physics and Human Affairs	
	PHYS 1034	Physics for Elementary Education Majors	
	PHYS 1044	Physics for Architects I	
	PHYS 1054	Physics for Architects II	
	PHYS 2013/2011L	College Physics I	
	PHYS 2033/2031L	College Physics II	
	PHYS 2054	University Physics I	
	PHYS 2074	University Physics II	
Fine Arts/Humanities (6-9 semester credit hours)			
a) Fine Arts:			3
	ARCH 1003	Basic Course in the Arts: Architecture Lecture	
	ARHS 1003	Basic Course in the Arts: Art Lecture	
	COMM 1003	Basic Course in the Arts: Film Lecture	
	DANC 1003	Basic Course in the Arts: Movement and Dance	
	DRAM 1003	Theater Appreciation	
	LARC 1003	Basic Course in the Arts: The American Landscape	
	MLIT 1003	Basic Course in the Arts: Music Lecture	
b) Humanities:			3
		Any Intermediate I Foreign Language	
	ARCH 1013	Diversity and Design	
	CLST 1003	Intro to Classical Studies: Greece	
	CLST 1013	Intro to Classical Studies: Rome	
	COMM 1233	Media, Community and Citizenship	
	HUMN 1124H	Honors Equilibrium of Cultures, 500-1600	
	HUMN 2003	Intro to Gender Studies	
	HUMN 2124H	Honors Twentieth Century Global Culture	
	PHIL 2003	Intro to Philosophy	
	PHIL 2103	Intro to Ethics	
	PHIL 2203	Logic	
	PHIL 3103	Ethics and the Professions	
	WLIT 1113	World Lit I	
	WLIT 1123	World Lit II	

Required State General Education Core *continued*			
U.S. History/Government (3 semester credit hours)	**Course Number**	**Course Title**	**Credit Hours**
			3
	HIST 2003	History of the American People to 1877	
	HIST 2013	History of the American People 1877 to Present	
	PLSC 2003	American National Government	
Social Sciences (6-9 semester credit hours)			
Select from at least two different fields of study.			
	AGEC 1103	Principles of Agricultural Microeconomics	
	AGEC 2103	Principles of Agricultural Macroeconomics	
	ANTH 1023	Intro to Cultural Anthropology	
	COMM 1023	Communication in a Diverse World	
	ECON 2013	Principles of Macroeconomics	
	ECON 2023	Principles of Microeconomics	
	ECON 2143	Basic Economics: theory and Practice	
	GEOG 1123	Human Geography	
	GEOG 2003	World Regional Geography	
	HESC 1403	Life Span Development	
	HESC 2413	Family Relations	
	HIST 1113	Institutions and Ideas of World Civilizations I	
	HIST 1123	Institutions and Ideas of World Civilizations II	
	HIST 2003	History of American People to 1877	
	HIST 2013	History of American People 1877 to Present	
	HUMN 1114H	Honors Roots Culture to 500 C.E.	
	HUMN 2114H	Honors Birth of Modern Culture, 1600 - 1900	
	PLSC 2003	American National Government	
	PLSC 2013	Intro to Comparative Politics	
	PLSC 2203	State and Local Government	
	PSYC 2003	General Psychology	
	RESM 2853	Leisure and Society	
	RSOC 2603	Rural Sociology	
	SOCI 2013	General Sociology	
	SOCI 2033	Social Problems	

Total Credit Hours - General Education Core: 35			
Institutional Requirements	**Course Number**	**Course Title**	**Credit Hours**
University Core (35 hours)	PSYC 2003	General Psychology	3
	MATH 2043	Survey of Calculus	3
	ENGL 1013	Composition I	3
	ENGL 1023	Composition II	3
	Science	Any of university core courses in Science	4
	Science	PHYS 2013/2011L College Physics with Lab	4
	Fine Arts	Any of university core courses in Fine Arts	6
	HIST 2003 or	History of the American People to 1877	3
	HIST 2013	History of the American People 1877 to Present	
Technical Courses (30 hours)			
	TEED 1103	The Nature of Technology	3
	TEED 2103	Technology and Society	3
	TEED 3103	Frameworks for Resolving Technological Challenges	3
	TEED 3203	The Technology of Communicating	3
	TEED 3303	The Technologies of Energy and Movement	2
	TEED 4103	Engineering Design for TEED Capstone	3
	AGME 3042	Construction Technology	3
	AGME 3173	Electricity in Agriculture	0-3
	GNEG 1111	Introduction to Engineering	1
	GNEG 1122	Introduction to CAD	2
	GNEG 1121	Introduction to Engineering II	1
	INEG 2513	Manufacturing Design and Processes	3
			2
Professional Education Courses (41 hours)	CIED 3023	Survey of Exceptionalities	3
	CIED 3033	Classroom Learning Theory	3
	CATE 1001	Practicum in Career & Technical Education	1
	CIED 1002	Introduction to Education	2
	CATE 4003	Introduction to Professionalism	3
	CATE 4013	Teaching Strategies	3
	CATE 4023	Classroom Management	3
	CATE 4033	Assessment/Program Evaluation	3

	CATE 4041	Lab Management	1
	CATE 4051	Seminar	1
	CATE 406x	Teaching Internship	12
	COMM 1313	Public Speaking	3
Institutional Requirements *continued*	**Course Number**	**Course Title**	**Credit Hours**
Technical Electives (14 hours)			
Advisor approved technical elective courses that add to technology and engineering content knowledge or addition licensure endorsement area			
Total Credit Hours - Institutional Requirements: 120			
Prerequisite Courses Required for Degree Major	**Course Number**	**Course Title**	**Credit Hours**
	MATH 1203	College Algebra	3
	MATH 2043	Survey of Calculus	3
	CATE 1001	Practicum of Career and Technical Education	1
	CIED 1002	Introduction to Education	2
	CATE 4003	Introduction to Professionalism	3
	CATE 4013	Teaching Strategies	3
	CATE 4023	Classroom Management	3
	CATE 4033	Assessment/Program Evaluation	3
	CIED 3023	Survey of Exceptionalities	3
	CIED 3033	Classroom Learning Theory	3
	COMM 1313	Public Speaking	3
	GNEG 1111	Introduction to Engineering	1
	TEED 1103	The Nature of Technology	3
	TEED 2103	Technology and Society	3
Total Credit Hours - Required Prerequisites: 44 - 47			

Courses Required for Degree Major (30 credits minimum)	**Course Number**	**Course Title**	**Credit Hours**
University Core (35 hours)	PSYC 2003	General Psychology	3
	MATH 2043	Survey of Calculus	3
	ENGL 1013	Composition I	3
	ENGL 1023	Composition II	3
	Science	Any of university core courses in Science	4
	Science	PHYS 2013/2011L College Physics with Lab	4
	Fine Arts	Any of university core courses in Fine Arts	6
	HIST 2003 or	History of the American People to 1877	3
	HIST 2013	History of the American People 1877 to Present	
Technical Courses (41 hours)	TEED 1103	The Nature of Technology	3
	TEED 2103	Technology and Society	3
	TEED 3103	Frameworks for Resolving Technological Challenges	3
	TEED 3203	The Technology of Communicating	3
	TEED 3303	The Technologies of Energy and Movement	2
	TEED 4103	Engineering Design for TEED Capstone	3
	AGME 3042	Agricultural Construction Technology	3
	AGME 3173	Electricity in Agriculture	0-3
	GNEG 1111	Introduction to Engineering	1
	GNEG 1122	Introduction to CAD	2
	GNEG 1121	Introduction to Engineering II	1
	INEG 2513	Manufacturing Design and Processes	3
Professional Education Courses (41 hours)	CIED 3023	Survey of Exceptionalities	3
	CIED 3033	Classroom Learning Theory	**3**
	CATE 1001	Practicum in Career & Technical Education	1
	CIED 1002	Introduction to Education	2

	CATE 4003	Introduction to Professionalism	3
	CATE 4013	Teaching Strategies	3
	CATE 4023	Classroom Management	3
	CATE 4033	Assessment/Program Evaluation	3
	CATE 4041	Lab Management	1
	CATE 4051	Seminar	1
	CATE 406x	Teaching Internship	12
	COMM 1313	Public Speaking	3
Directed Electives (Specified)			
NONE			
Total Credit Hours - Directed Electives (Specified):			
NONE			
Total Credit Hours - Electives (Unspecified): 21 - 27			
Total Credit Hours Required for Degree: 120			

Prerequisite Courses	**Common Course Substitutions**								
CATE 1001	CIED 1011								

Prerequisite Course Number	**Substitute Course Name**								
MATH 1203 or MATH 1204 or MATH 1213 or MATH 1284C	MATH 2554								
	PHYS 2054								
TEED 1103 or TEED 2103									
TEED 1103 and TEED 3103									
MATH 1203 or higher and junior standing.									
MATH 1203 or higher									
MATH 1213 or higher									
GNEG 1111									
Sophomore standing									
CATE 1001	sub CIED 1011 for CATE 1001								
CATE 1001	sub CIED 1011 for CATE 1001								

CATE 1001, CIED 1002	sub CIED 1011 for CATE 1001								
CATE 1001, CIED 1002	sub CIED 1011 for CATE 1001								
CATE 1001, CIED 1002	sub CIED 1011 for CATE 1001								
CATE 1001, CIED 1002	sub CIED 1011 for CATE 1001								
CATE 1001, CIED 1002	sub CIED 1011 for CATE 1001								
CATE 4003, CATE 4013, CATE 4023, CATE 4033, CIED 3023, CIED 3033, CATE 1001, CIED 1002									