CAREER AND TECHNICAL EDUCATION

Bachelor of Science (BS) in Career and Technical Education Concentration in Technology, Engineering and Design Education

I. General Education Requirements

II.

C I 2300 Teaching and Learning in the Digital Age (2) Entry course to teacher education. Required prior to admission to teacher education.
FDN 2400 Critical Perspectives on Teaching and Learning (2) Required prior to admission to teacher education. Prerequisite or Co-requisite: CI 2300.
PSY 3010 Psychology Applied to Teaching (3) May be taken prior to or after admission to teacher education. Prerequisite or Co-requisite: C I 2300.
SPE 3300 Creating Inclusive Learning Communities (3) Admission to teacher education required. Prerequisites: CI 2300, FDN 2400, PSY 3010.
C1 3400 Policies and Practices in Educational Assessment (2) Admission to teacher education required. Prerequisites: CI 2300, FDN 2400, PSY 3010.
C1 4900 Student Teaching (12) (Graded on S/U basis)
All courses in professional education core must be completed with grades of C (2.0) or better prior to student teaching, along with other

Professional Education Requirements All courses must be completed with "C" (2.0) or better.

courses identified within the major to be completed prior to student teaching and/or requiring C (2.0) or better.						
	PRAXIS I Core Academic Skills for Educators(CASE) :			CASE Reading	CASE Writing	CASE Mathematics
	PRAXIS II Subject/Assessment Exams (s):					
	Proficiencies: E	nglish	Reading			

III. Foundation Coursework Requirements

* If taken as part of General Education, then they will double count. Transfer students will need to take these courses if they did not meet the equivalent.

MAT 1025 ____ Precalculus (4) TEC 2029 * ____ Society and Technology (3) Choose from the following: Science Inquiry (8) ____ BIO 1201 Biology in Society I (3) & BIO 1202 Biology in Society II (3) + BIO 1203 Biology in Society Laboratory (2) OR CHE 1101/1110 (3/1) Introductory Chemistry I & CHE 1102/1120 (3/1) Introductory Chemistry II OR

PHY 1103 (4) General Physics I & PHY 1104 (4) General Physics II

IV. <u>Career and Technical Education Core Requirements</u>

All courses must be completed with "C" (2.0) or better

CTE 4619Career and Technical Education Curriculum (3) +CTE 4629Management of Career and Technical Education Programs and CTSOs (3) +CTE 4650Research in Career and Technical Education (3) + (Prerequisite: RC 2001 or its equivalent) [WID]CTE 4660Methods and Materials in Career and Technical Education (3) +CTE 4910Practicum in Career and Technical Education (1) + (Corequisite CTE 4660)

IV. Major Course Requirement

- TEC 1708_____ Construction Technology and Building Codes (3) +
- TEC 1728 _____ Architectural Graphics and Computer Modeling (3) +
- TEC 2188 _____ Transportation Systems and Devices (3) +
- TEC 3009 _____ Introduction to the Technology Teaching Profession (3) +
- TEC 3039 _____ Materials Science (3) +
- IND 2110 _____ Introduction to Fabrication (3) +
- B E 3380 _____ Information Systems for Business and Education Professionals (3) +
- B E 4650 _____ Computer Applications for Business and Education Professionals (3)+

TEC Electives (6 hours chosen at the discretion of the advisor)++

- # Cannot be taken before being admitted to Teacher Education. ++ Must have a "C" (2.0) average or better
- + Must be completed with a grade of "C" (2.0) or better

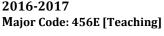
V. <u>Second Academic Concentration</u>

Total of 18 SH required. (9 SH General education and/or major). Select from the following: Graphic Communications, Materials Science, STEM, Sustainable Design and Technology or other SACs possible when recommended by program coordinator.

VI. Electives (Dependent on selected second academic concentration)

VII. <u>Total Hours in Program</u>

A student must have at least a 2.70 grade-point average to be admitted to the teacher education program and must maintain a 2.70 grade-point average overall through student teaching.



44 SH

24 SH

0 SH

13 SH

30 SH

9-12 SH

3 SH 123-126 SH