TECHNOLOGY AND ENGINEERING EDUCATION

(BACHELOR OF SCIENCE DEGREE)

INDIANA STATE UNIVERSITY
COLLEGE OF TECHNOLOGY

Student's Name _____

Technology Education Core (33 Hours) **Semester/Grade**

Design & Communication Technologies
MET 103 (3) Intro. Tech Graphics. w/ CAD _____
TCED 307 (3) Teaching Design & Com Tech _____

Automation/Advanced Manufacturing & Const. Tech.
MFG 225 (3) Intro to Materials, Proc, & Test _____
MFG 370 (3) Fund. of Mfg Processes **OR** _____
MFG 371 (3) Mfg Processes & Materials **OR**
TMGT 478 (3) Ind. Organization & Functions
TCED 222 (3) Teaching Construction Tech _____
CNST 111 (3) Const. Mat, Methods, & Equip _____
ECT 280 (3) Intro to Automation _____
TCED 327 (3) Teaching Adv Mfg & Automation _____

Power, Energy, and Transportation Technologies
ECT 160 (3) Electronic Fundamentals **OR** _____
ECT 174 (3) Fundamentals of Electronics
TCED 250 (3) Teach Power &Energy Tech. _____

Integrated Technologies
TCED 470 (3) Teach Innov. Desig, & Pre-eng _____

Professional Technology Education (6 Hours)
TCED 115 (3) Intro to CTE-Spc. In TEE _____
TCED 490 (3) Lab., Safety, & Cur. in TEE _____

Professional Education Core (31 Hours) **Semester/Grade**

Phase I
SPED 226 (3) The Exceptional Learner _____
May be completed during Phase I, II, or III
EPSY 202 (3) Psychology of Child & Adolescents _____
Also counts as Foundational Studies SBS
CIMT 200 (2) Teaching I _____

Phase II
CIMT 301 (2) Teaching IIa _____
CIMT 302 (2) Teaching IIb _____

Phase III
CIMT 400 (3) Teaching III _____
CIMT 400L (1)Teaching III, Lab _____
EPSY 341 (3) Educ. in a Multicultural Society _____
Also counts as Foundational Studies GPCD

Phase IV
CIMT 401 (11) Student Teaching _____
CIMT 402 (1) Teaching Integrated Unit _____

Foundational Studies Core **Semester/Grade**

Eng 101 (3) Funds of Writing I **AND** _____
Eng 105 (3) Funds of Writing II _____
OR
Eng 107 (3) Rhetoric & Writing _____

Eng 305-T (3) Junior Composition _____

Comm 101 (3) Introduction to Speech _____

Math 102 (3) Quantitative Literacy _____

PE 101/L Fitness for Life _____
OR
AHS 111 (3) Per Health Science & Wellness _____

Foreign Language 1st Semester (3) _____
Foreign Language 2nd Semester (3) _____

Laboratory Sciences (LS) (4)
1. _____ _____

Social or Behavioral Studies (SBS) (3)
1. *EPSY 202* _____

Literary Studies (LS) (3)
1. _____ _____

Fine and Performing Arts (FPA) (3)
1. _____ _____

Historical Studies (HS) (3)
1. _____ _____

Global Perspectives & Cultural Diversity (GPCD) (3)
1. *EPSY 341* _____

Ethics & Social Responsibility (ESR) (3)
1. _____ _____

Upper-Division Integrative Electives (3)
1. _____ _____

Directed Electives (9 Hours) OR **Semester/Grade**
Minor (18-24 semester Hours)
Consult with your advisor for electives or minor
_____ _____
_____ _____
_____ _____

Admission to the Becoming a Complete Professional (BCP) Teacher Education Program & Special Notes: (1) Admission to the BCP program is required prior to enrolling in professional education courses beyond Phase I. (2) Admission to the BCP program requires passing PRAXIS I, a 2.5 GPA, no grade below a C in the professional education courses, and submission of an application through TK20 PRIOR to enrolling in Phase II coursework. (3) Pre-service field experience is required in TCED 115, TCED 250, TCED 307, TCED 327, TCED 479, TC3D 490, CIMT 301, AND CIMT 440/L.