

## TECHNOLOGY AND ENGINEERING EDUCATION (BACHELOR OF SCIENCE DEGREE)

INDIANA STATE UNIVERSITY  
COLLEGE OF TECHNOLOGY

Student's Name \_\_\_\_\_

| <u>Technology Education Core (33 Hours)</u>                 | <u>Semester/Grade</u> | <u>Foundational Studies Core</u>                        | <u>Semester/Grade</u> |
|---|-----------------------|---|-----------------------|
| <b>Design &amp; Communication Technologies</b>              |                       | Eng 101 (3) Funds of Writing I <b>AND</b>               | _____                 |
| MET 103 (3) Intro. Tech Graphics. w/ CAD                    | _____                 | Eng 105 (3) Funds of Writing II                         | _____                 |
| TCED 307 (3) Teaching Design & Com Tech                     | _____                 | <b>OR</b>   |                       |
|   |                       | Eng 107 (3) Rhetoric & Writing                          | _____                 |
| <b>Automation/Advanced Manufacturing &amp; Const. Tech.</b> |                       | Eng 305-T (3) Junior Composition                        | _____                 |
| MFG 225 (3) Intro to Materials, Proc, & Test                | _____                 | Comm 101 (3) Introduction to Speech                     | _____                 |
| MFG 370 (3) Fund. of Mfg Processes <b>OR</b>                | _____                 | Math 102 (3) Quantitative Literacy                      | _____                 |
| MFG 371 (3) Mfg Processes & Materials <b>OR</b>             | _____                 | PE 101/L Fitness for Life                               | _____                 |
| TMGT 478 (3) Ind. Organization & Functions                  | _____                 | <b>OR</b>   |                       |
| TCED 222 (3) Teaching Construction Tech                     | _____                 | HLTH 111 (3) Per Health Science & Wellness              | _____                 |
| CNST 111 (3) Const. Mat, Methods, & Equip                   | _____                 | Foreign Language 1 <sup>st</sup> Semester (3)           | _____                 |
| ECT 280 (3) Intro to Automation                             | _____                 | Foreign Language 2 <sup>nd</sup> Semester (3)           | _____                 |
| TCED 327 (3) Teaching Adv Mfg & Automation                  | _____                 | Laboratory Sciences (LS) (4)                            |                       |
|   |                       | 1. _____  | _____                 |
| <b>Power, Energy, and Transportation Technologies</b>       |                       | Social or Behavioral Studies (SBS) (3)                  |                       |
| ECT 160 (3) Electronic Fundamentals <b>OR</b>               | _____                 | 1. <u>EPSY 202</u>                                      | _____                 |
| ECT 174 (3) Fundamentals of Electronics                     | _____                 | Literary Studies (LS) (3)                               |                       |
| TCED 250 (3) Teach Power & Energy Tech.                     | _____                 | 1. _____  | _____                 |
| <b>Integrated Technologies</b>                              |                       | Fine and Performing Arts (FPA) (3)                      |                       |
| TCED 470 (3) Teach Innov. Desig, & Pre-eng                  | _____                 | 1. _____  | _____                 |
| <b>Professional Technology Education (6 Hours)</b>          |                       | Historical Studies (HS) (3)                             |                       |
| TCED 115 (3) Intro to CTE-Spc. In TEE                       | _____                 | 1. _____  | _____                 |
| TCED 490 (3) Lab., Safety, & Cur. in TEE                    | _____                 | Global Perspectives & Cultural Diversity (GPCD) (3)     |                       |
|   |                       | 1. <u>EPSY 341</u>                                      | _____                 |
| <b>Professional Education Core (31 Hours)</b>               |                       | Ethics & Social Responsibility (ESR) (3)                |                       |
| <b>Phase I</b>  |                       | 1. _____  | _____                 |
| SPED 226 (3) The Exceptional Learner                        | _____                 | Upper-Division Integrative Electives (3)                |                       |
| <i>*May be completed during Phase I, II, or III</i>         |                       | 1. _____  | _____                 |
| EPSY 202 (3) Psychology of Child & Adolescents              | _____                 | <b>Directed Electives (9 Hours) OR</b>                  | <b>Semester/Grade</b> |
| <i>Also counts as Foundational Studies SBS</i>              |                       | <b>Minor (18-24 semester Hours)</b>                     |                       |
| CIMT 200 (2) Teaching I                                     | _____                 | <i>Consult with your advisor for electives or minor</i> |                       |
| <b>Phase II</b>   |                       | _____   | _____                 |
| CIMT 301 (2) Teaching IIa                                   | _____                 | _____   | _____                 |
| CIMT 302 (2) Teaching IIb                                   | _____                 | _____   | _____                 |
| <b>Phase III</b>  |                       | _____   | _____                 |
| CIMT 400 (3) Teaching III                                   | _____                 | _____   | _____                 |
| CIMT 400L (1) Teaching III, Lab                             | _____                 | _____   | _____                 |
| EPSY 341 (3) Educ. in a Multicultural Society               | _____                 | _____   | _____                 |
| <i>Also counts as Foundational Studies GPCD</i>             |                       | _____   | _____                 |
| <b>Phase IV</b>   |                       | _____   | _____                 |
| CIMT 401 (11) Student Teaching                              | _____                 | _____   | _____                 |
| CIMT 402 (1) Teaching Integrated Unit                       | _____                 | _____   | _____                 |

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.