

Student Name _____

ID Number _____

**ASSOCIATE OF APPLIED SCIENCE
ENGINEERING TECHNOLOGY
Civil - Geographic Info Systems - Mechanical - Traditional
2009 - 2010**

| GENERAL EDUCATION CORE | REQ | COMP | NEED |
|--|-----|------|------|
| SKILLS COMPONENT | | | |
| ENGL 101 College Writing | 3 | | |
| COMM 101, 202, 203, 204, 205 | 3 | | |
| Social Science/Human Relation/Interpersonal Communication | | | |
| ENGL 150, ENGL 258, ENGL 257, HUM 301 | 3 | | |
| ART 100, HUM 101, HUM 150, MUS 101, THEA 101 | | | |
| ANTH 102, 120, 170 | | | |
| ECON 101, 102, 201, 202 | | | |
| GEOG 102 | | | |
| HIST 101, 102, 111, 112 | | | |
| HRPT 184, 185 | | | |
| POLS 101, 285 | | | |
| PSYC 101, 205 | | | |
| SS 150, 184, 185 | | | |
| SOC 101, 102 | | | |
| Math for Program Area | | | |
| MTHPT 137, 138 | 4* | | |
| Distributive Core Elective | | | |
| Choose any other Social Science/Human Relation/ Interpersonal Communication course listed above OR: | | | |
| BIOL 100, 102, 120, 175, 252 | 3 | | |
| CHEM 102, 105, 111 | | | |
| FSCI 101 | | | |
| GEOL 100, 120 | | | |
| NS 150 | | | |
| NS 171 & 172 | | | |
| PHYS 111, 205, 211 | | | |
| TOTAL | 16 | | |
| ELECTIVES | | | |
| CS 306 Advanced Visual Basic | 4 | | |
| ENGTE 105 Drafting Principles (GIS) | 9 | | |
| ENGTE 130 Comp Aided Mach Draft (GIS) | 9 | | |
| ENGTE 204 Civil Technology (MECH) | 9 | | |
| ENGTE 208 Arch.&Struct.Drafting (CIV/MECH) | 9 | | |
| ENGTE 225 3-D CAD Modeling | 5 | | |
| ENGTE 227 CAD/CAM Project | 5 | | |
| ENGTE 290 Directed Study | v | | |
| ENGTE 292 Directed Special Project | v | | |
| ENGTE 296 Co-op | v | | |
| ENGTE 305 Adv Civil Draft/Design (TRAD/MECH) | 5 | | |
| ENGTE 306 Strenght of Mater/Mecha | 4 | | |
| ENGTE 409 Adv Surveying (TRAD/MECH) | 5 | | |
| ENGTE 410 Project Management | 4 | | |
| ENGTE 490 Directed Study | v | | |
| ENGTE 492 Directed Special Project | v | | |
| ENGTE 496 Co-op | v | | |
| TOTAL | | | |
| NOTES, SUBSTITUTIONS, WAIVERS | | | |
| | | | |
| | | | |
| | | | |

| PROGRAM REQUIREMENTS | REQ | COMP | NEED |
|--|-------|------|------|
| Engineering Technology - Civil | | | |
| ENGTE 105 Drafting Principles | 9 | | |
| ENGTE 130 Comp. Aided Mach. Draft. | 9 | | |
| ENGTE 135 Applied Physics I | 3 | | |
| ENGTE 154 Intro Comp. Drafting | 4 | | |
| ENGTE 204 Civil Technology | 9 | | |
| ENGTE 237 Applied Physics II | 3 | | |
| ENGTE 246 Const.&Manuf.Tech | 2 | | |
| ENGTE 205 Civil Drafting & Design | 5 | | |
| ENGTE 209 Surveying | 5 | | |
| TOTAL | 49 | | |
| Engineering Technology - Geographic Information Systems | | | |
| ENGTE 154 Intro to CAD | 4 | | |
| ENGTE 204 Civil Technology | 9 | | |
| ENGTE 135 Applied Physics I | 3 | | |
| ENGTE 237 Applied Physics II | 3 | | |
| ENGTE 205 Civil Drafting & Design | 5 | | |
| ENGTE 209 Surveying | 5 | | |
| GIS 271 Introduction to GIS | 4 | | |
| GIS 471 Advanced GIS | 4 | | |
| GIS 481 Remote Sensing | 4 | | |
| CS 106 Visual Basic | 3 | | |
| CS 245 Introduction to Database | 4 | | |
| TOTAL | 48 | | |
| Engineering Technology - Mechanical | | | |
| ENGTE 105 Drafting Principles | 9 | | |
| ENGTE 130 Comp.Aided Mach. Draft. | 9 | | |
| ENGTE 135 Applied Physics I | 3 | | |
| ENGTE 154 Intro Comp. Drafting | 4 | | |
| ENGTE 225 3-D CAD Modeling | 5 | | |
| ENGTE 227 CAD/CAM Project | 5 | | |
| ENGTE 237 Applied Physics II | 3 | | |
| ENGTE 246 Construction&Manuf.Tech | 2 | | |
| AMFTI 241 Intro Comp.Aided Manuf. | 4 | | |
| AMFTI 243 Adv.Comp.Aided Manuf. | 4 | | |
| TOTAL | 48 | | |
| Engineering Technology - Traditional | | | |
| ENGTE 105 Drafting Principles | 9 | | |
| ENGTE 130 Comp.Aided Mach. Draft. | 9 | | |
| ENGTE 135 Applied Physics I | 3 | | |
| ENGTE 154 Intro Comp. Drafting | 4 | | |
| ENGTE 204 Civil Technology | 9 | | |
| ENGTE 208 Archit.&Struct.Drafting | 9 | | |
| ENGTE 237 Applied Physics II | 3 | | |
| ENGTE 246 Construction&Manuf.Tech | 2 | | |
| TOTAL | 48 | | |
| SUMMARY | | | |
| GENERAL EDUCATION | 16 | | |
| PROGRAM REQUIREMENTS | 48-49 | | |
| TOTAL | 65 | | |

Division Chair _____

Date _____

Division Chair _____

Date _____

*Professional/Technical AAS degrees require a minimum of 16 credits of general education core. If a student transfers in less than 4 credits of core math, s/he may be required to complete an additional general education core course to reach the required 16 credits.