**Associate of Science in Civil and Mechanical Engineering**

Degree Completion Worksheet *(Not an official evaluation document)*

NAME: SID

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|  **BASIC REQUIREMENTS (15 credits)**  |
| **Communication Skills** *- 5 credits*  |  1.  | **ENGL& 101**  | **GR**  | **CR 5**  |   |
| **Quantitative Skills** *- 10 credits*  | 1.  | **MATH& 151**  |   | **5**  |   |
| 2.  | **MATH& 152**  |   | **5**  |
|  |  | **HUMANITIES AND S** | **OCIAL SCIENCES (15)**  |
| **Humanities & Social** **Sciences** *- 15 credits* *Most students fulfill the* *Multicultural Requirement here.*  | 1.  |  |   |   | * 5 credits Humanities
* 5 credits Social Sciences
* 5 additional credits Humanities or Social Sciences

At least five credits must be a multicultural course. Economics and Engr& 104 Recommended  |
| 2.  |  |   |   |
| 3.  |  |   |   |
|  |  | **SPECIALIZATION CO** | **URSES (58 CREDITS)**  |
| **Engineering** *- 15 credits*  | 1.  | **ENGR& 214**  |   | **5**  |   |
| 2.  | **ENGR& 215**  |   | **5**  |
| 3.  | **ENGR& 225**  |   | **5**  |
| **Physics** *- 18 credits*  | 4.  | **PHYS& 221**  |   | **6**  |   |
| 5.  | **PHYS& 222**  |   | **6**  |
| 6.  | **PHYS& 223**  |   | **6**  |
| **General Chemistry** *- 10 credits*  | 1.  | **CHEM& 161**  |   | **5**  |   |
| 2.  | **CHEM& 162**  |   | **5**  |
| **Additional Math** *- 15 credits*  | 1.  | **MATH& 153**  |   | **5**  |   |
| 2.  | **MATH 220**  |   | **5**  |
| 3.  | **MATH 238**  |   | **5**  |
|  | **ADDITIONAL SPECIALIZATIO** | **N COURSES (20-21 credits)**  |
| ENGR& 104 and 114 may be taken either to meet Social Sciences and Humanities distribution requirements or to meet additional specialization course requirements, but not both.  | 1.  |   |   |  Select a minimum of 4 of the following courses as appropriate for intended major and transfer institution: BIOL& 221, CHEM& 163, CS 142, MATH& 254, ENGR& 104, 114, 204, 224, ENGL& 235, ENGR 170, 240  |
| 2.  |   |   |
| 3.  |   |   |
| 4.  |   |   |
| **TOTAL COLLEGE LEVEL CREDITS EARNED TOWARD THE DEGREE:**  |   | **□ At least 5 credits applied to the degree are from an approved multicultural course.**  |
| **108-109 credit hours are listed in the degree. 30 additional credits are required to earn a second degree.**  |   |
| To earn the Associate of Science degree, student must have earned at least 30 applicable credits at TCC, have a cumulative GPA of 2.00 in all coursework applied to the degree, and have a cumulative GPA of 2.00 in all TCC college-level courses.  |

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