

**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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