

Associate of Science in Materials Science and Manufacturing Engineering

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

NAME: _____ SID: _____ Date: _____

| BASIC REQUIREMENTS (15 credits) | | | | |
|---|--------------|----|------|--|
| Communication Skills <i>- 5 credits</i> | 1. ENGL& 101 | GR | CR 5 | |
| Quantitative Skills <i>- 10 credits</i> | 1. MATH& 151 | | 5 | |
| | 2. MATH& 152 | | 5 | |
| HUMANITIES AND SOCIAL SCIENCES (15) | | | | |
| Humanities & Social Sciences <i>- 15 credits</i> <i>Most students fulfill the Multicultural Requirement here.</i> | 1. | | | <ul style="list-style-type: none"> 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 COURSES (48 CREDITS) | | | | |
| Engineering <i>- 15 credits</i> | 1. ENGR 170 | | 5 | |
| | 2. ENGR& 214 | | 5 | |
| | 3. ENGR& 225 | | 5 | |
| Physics <i>- 18 credits</i> | 4. PHYS& 221 | | 6 | |
| | 5. PHYS& 222 | | 6 | |
| | 6. PHYS& 223 | | 6 | |
| General Chemistry <i>- 5 credits</i> | 1. CHEM& 161 | | 5 | |
| Additional Math <i>- 10 credits</i> | 1. MATH& 153 | | 5 | |
| | 2. MATH 220 | | 5 | |
| ADDITIONAL SPECIALIZATION COURSES (25 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. | | | <ul style="list-style-type: none"> Select a minimum of 5 additional courses from the following list: BIOL& 221, CHEM& 162, CHEM& 163, CHEM& 261, CS 142, ENGL& 235, MATH 238, MATH& 254, ENGR& 104, 114, ENGR& 215, ENGR& 224, ENGR 240 |
| | 2. | | | |
| | 3. | | | |
| | 4. | | | |
| | 5. | | | |
| TOTAL COLLEGE LEVEL CREDITS EARNED TOWARD THE DEGREE: | | | | <input type="checkbox"/> At least 5 credits applied to the degree are from an approved multicultural course. |
| 103 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. | | | | |

| FALL | WINTER | SPRING | SUMMER |
|------|--------|--------|--------|
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