

4 Year Mechanical Engineering Tech Sample Plan

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|---|-------------|----------------------------------|-------------|
| <u>Freshman Fall</u> | | <u>Freshman Spring</u> | |
| ET 101 | 2 cr | ET 106 | 2 cr |
| ET 105 | 3 cr | ET 130 | 3 cr |
| CHEM 211/213 lab (*Natural Science) | 5 cr | CHEM 212/214 lab | 5 cr |
| MATH 202 (*Quantitative Literacy) | 4 cr | MATH 203 | 4 cr |
| <u>Gen Education (First Year Seminar)</u> | <u>3 cr</u> | <u>Gen Education requirement</u> | <u>3 cr</u> |
| | 17 cr | | 17 cr |
| <u>Sophomore Fall</u> | | <u>Sophomore Spring</u> | |
| ENGR 213 | 3 cr | ENGR 214 | 3 cr |
| ET 116 | 3 cr | ET 207 | 2 cr |
| MATH 260 | 4 cr | ET 220 | 3 cr |
| <u>PHYSICS 103 or 201</u> | <u>5 cr</u> | <u>Gen Education requirement</u> | <u>3 cr</u> |
| | 15 cr | <u>PHYSICS 104 or 202</u> | <u>5 cr</u> |
| | | | 16 cr |
| <u>Junior Fall</u> | | <u>Junior Spring</u> | |
| ET 118 | 2 cr | ET 318 | 2 cr |
| ET 221 | 3 cr | ET 322 | 3 cr |
| ET 308 | 3 cr | ET 324 | 3 cr |
| Gen Education requirement | 3 cr | Gen Education requirement | 3 cr |
| <u>Gen Education requirement</u> | <u>3 cr</u> | <u>Gen Education requirement</u> | <u>3 cr</u> |
| | 14 cr | | 14 cr |
| <u>Senior Fall</u> | | <u>Senior Spring</u> | |
| CHEM 320 | 3 cr | ET 400/410 (*Capstone) | 3 cr |
| ET 360 | 3 cr | ENGR 301 | 4 cr |
| ET 390 | 4 cr | Elective | 3 cr |
| Elective | 1 cr | <u>Gen Education requirement</u> | <u>3 cr</u> |
| <u>Gen Education requirement</u> | <u>3 cr</u> | | 13 cr |
| | 14 cr | | |

120 credits required to earn degree

General Education categories *requirement is met with a specific required course:

- First Year Seminar-3 credits
- Biological Science-3 credits
- Fine Arts-3 credits
- Global Culture-3 credits
- Humanities-6 credits
- Natural Sciences-3 credits*
- Social Sciences-6 credits
- Sustainability Perspective-3 credits
- Quantitative Literacy-3 credits*
- Capstone-3 credits*