DEGREE REQUIREMENTS RECORD FORM

DEPARTMENT OF MECHANICAL ENGINEERING

Catalog 2017-2020 Proposed Date of Graduation \_\_\_\_\_\_\_\_\_\_\_

Student's Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ SUID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Advisor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Last First Middle

 First Semester **FRESHMAN YEAR** Second Semester

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Course | Dept | No | Cr | Grd | Sem | Yr |
| Freshman Engr I | engr | 120 | 2 |  |  |  |
| Life Science Elec\* | BIOL |  | 3 |  |  |  |
| Freshman Composition | Engl | 110 | 3 |  |  |  |
| General Chemistry Lec | Chem | 132 | 3 |  |  |  |
| General Chemistry Lab | Chem | 112 | 1 |  |  |  |
| Calculus I | Math | 264 | 4 |  |  |  |
| Total |  |  | 16 |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Course | Dept | No | Cr | Grd | Sem | Yr |
| Freshman Engr II | engr | 130 | 2 |  |  |  |
| Freshman Composition | Engl  | 111 | 3 |  |  |  |
| Economics | ECON  |  | 3 |  |  |  |
| General Physics I | Phys | 221 | 3 |  |  |  |
| General Physics I Lab | Phys | 223 | 1 |  |  |  |
| Calculus II | Math | 265 | 4 |  |  |  |
| Total |  |  | 16 |  |  |  |

 First Semester **SOPHOMORE YEAR** Second Semester

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Course | Dept | No | Cr | Grd | Sem | Yr |
| Statics | CiEn | 224 | 3 |  |  |  |
| Cal III & Diff Eqn Engr | Math | 395 | 4 |  |  |  |
| Social Science Elect\* |  |  | 3 |  |  |  |
| General Physics II | Phys  | 222 | 3 |  |  |  |
| General Physics II Lab | Phys | 224 | 1 |  |  |  |
| Tech Communication | ENGR | 230 | 2 |  |  |  |
| Total |  |  | 16 |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Course | Dept | No | Cr | Grd | Sem | Yr |
| Dynamics | MeEn | 225 | 3 |  |  |  |
| Mechanics of Materials | MeEn | 227 | 3 |  |  |  |
| Materials Sci & Engr | MeEn | 235 | 3 |  |  |  |
| Intro to CADD | MeEn | 252 | 2 |  |  |  |
| Num Methods for Engr | MeEn | 221 | 3 |  |  |  |
| E. E. Fundamentals | ELEN | 352 | 3 |  |  |  |
| Total |  |  | 17 |  |  |  |

 First Semester **JUNIOR YEAR** Second Semester

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Course | Dept | No | Cr | Grd | Sem | Yr |
| Thermodynamics I | MeEn | 300 | 3 |  |  |  |
| Engineering Math | engr | 340 | 3 |  |  |  |
| Fluid Mechanics | MeEn | 312 | 3 |  |  |  |
| Materials Processing | meen | 335 | 3 |  |  |  |
| Mechanics of Machines | MeEn | 350 | 3 |  |  |  |
| Health/PE Activity\* |  |  | 2 |  |  |  |
| Total |  |  | 17 |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Course | Dept | No | Cr | Grd | Sem | Yr |
| Thermodynamics II | MeEn | 301 | 3 |  |  |  |
| Matl Sci & Engr Elective | meen |  | 3 |  |  |  |
| Machine Design | meen | 365 | 3 |  |  |  |
| Measurements | meen | 356 | 3 |  |  |  |
| Probability & Statistics  | engr  | 320 | 2 |  |  |  |
| History Elective\* | HIST |  | 3 |  |  |  |
| Total |  |  | 17 |  |  |  |

 First Semester **SENIOR YEAR** Second Semester

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Course | Dept | No | Cr | Grd | Sem | Yr |
| Engineering Seminar | eNGR | 400 | 1 |  |  |  |
| Heat Transfer | MeEn | 442 | 3 |  |  |  |
| ME Senior Design I | MeEn | 450 | 2 |  |  |  |
| Thermal Science Elect | MEEN |  | 3 |  |  |  |
| History Elective\* | HIST |  | 3 |  |  |  |
| Literature Elective\*\* | XXXX\*\* |  | 3 |  |  |  |
|  |  |  |  |  |  |  |
| Total |  |  | 15 |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Course | Dept | No | Cr | Grd | Sem | Yr |
| Engineering Economy | CiEn | 310 | 3 |  |  |  |
| ME Senior Design II | MeEn | 451 | 2 |  |  |  |
| Control & Engr Model | MeEn | 456 | 3 |  |  |  |
| General Tech Elective |  |  | 3 |  |  |  |
| Arts Elective\* |  |  | 3 |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Total  |  |  | 14 |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  **OTHER REQUIREMENTS:** |  |  |  |  |  |  |  **APPROVED:** |
| Course | Dept | No | Cr | Grd | Sem | Yr |  |  | Faculty Advisor: |
| African American Experience | XXXX\*\* |  | 3 |  |  |  |  |  |  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date: |
| Service Learning | SVLR | X00 | 3 |  |  |  |  |  | Dept. Chair: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date: Academic Dean: |
| Writing Proficiency | Engl | 001 | 0 |  |  |  |  |  |
| Dept. Comp Exam | MeEn | 000 | 0 |  |  |  |  |  |  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: |

 \* Choose from the General Education Requirements list, see the catalog

\*\* Satisfies both requirements, other courses may be taken, see the catalog

**Notes:**

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| SPR = Spring, SUM = Summer, etc... T = TRANSFER, S = SUBSTITUTION (indicates a course substitution form is required) |
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