

UTSA

MECHANICAL ENGINEERING RECOMMENDED PROGRAM OF STUDY 2008-2010 UNDERGRADUATE CATALOG

Revised 06/30/2008

| SEMESTER I | | | | SEMESTER II | | | | |
|----------------|------|----------------------------------|----|----------------|------|----------------------------------|------------------------------------|------------|
| MAT | 1214 | Calculus I | 4 | MAT | 1223 | Calculus II | 3 | |
| ME | 1301 | Intro to Engineering Design | 1 | ME | 1402 | Engineering Graphics | 2 | |
| CHE | 1103 | General Chemistry I | 3 | PHY | 1903 | Engineering Physics I | 3 | |
| WRC | 1013 | Freshman Composition I | 3 | PHY | 1911 | Engineering Physics I Lab | 1 | |
| COR | 1203 | Freshman Seminar/Soc-Beh Science | 3 | WRC | 1023 | Freshman Composition II | 3 | |
| CORE* | | U.S. History & Diversity | 3 | CORE* | | U.S. History & Diversity | 3 | |
| Semester Total | | | 17 | Semester Total | | | 15 | |
| SEMESTER III | | | | SEMESTER IV | | | | |
| MAT | 2213 | Calculus III | 3 | EGR | 3323 | Applied Engineering Analysis II | 3 | |
| EGR | 2103 | Statics | 3 | EGR | 2513 | Dynamics | 3 | |
| PHY | 1923 | Engineering Physics II | 3 | ME | 3243 | Materials Engineering | 3 | |
| PHY | 1931 | Engineering Physics II Lab | 1 | ME | 3241 | Materials Engineering Laboratory | 1 | |
| EGR | 2323 | Applied Engineering Analysis I | 3 | ME | 3293 | Thermodynamics I | 3 | |
| CORE* | | Visual & Performing Arts | 3 | Major Work | | Approved Math/Science Elective | 3 | |
| Semester Total | | | 16 | Semester Total | | | 16 | |
| SEMESTER V | | | | SEMESTER VI | | | | |
| EE | 2213 | Electric Circuits/Electronics | 3 | ME | 3663 | Fluid Mechanics | 3 | |
| ME | 3113 | Measurements & Instrumentation | 3 | ME | 3823 | Machine Element Design | 3 | |
| ME | 3263 | Manufacturing Engineering | 3 | ME | 4293 | Thermodynamics II | 3 | |
| ME | 3513 | Mechanism Design | 3 | ME | 4523 | Dynamic Systems & Control | 3 | |
| ME | 3173 | Numerical Methods | 3 | ME | 4702 | Mech Systems & Control Lab | 2 | |
| ME | 3813 | Mechanics of Solids | 3 | CORE* | | Political Science 1013 (U.S.) | 3 | |
| Semester Total | | | 18 | Semester Total | | | 17 | |
| SEMESTER VII | | | | SEMESTER VIII | | | | |
| ME | 4313 | Heat Transfer | 3 | ME | 4813 | Senior Design II | 3 | |
| ME | 4802 | Thermal & Fluid Laboratory | 2 | ME | | Technical Elective | 3 | |
| ME | 4811 | Senior Design I | 1 | ME | | Technical Elective | 3 | |
| ME | | Technical Elective | 3 | CORE* | | Economics (2003, 2013, or 2023) | 3 | |
| CORE* | | Political Science (Texas) | 3 | CORE* | | World Society & Issues | 3 | |
| CORE* | | Literature | 3 | | | | | |
| Semester Total | | | 15 | Semester Total | | | 15 | |
| | | | | | | | Total Required Degree Hours | 129 |

*PLEASE REFER TO UTSA 2008-10 UNDERGRADUATE CATALOG PAGES 5-9.

DEADLINE TO APPLY FOR GRADUATION:
FALL: Apr. 15; SPR: Nov.15; SMR: Feb. 15

**ALL UNDERGRADUATE ENGINEERING STUDENTS SOPHOMORE LEVEL AND ABOVE MUST
SEE A FACULTY ADVISOR EVERY FALL/SPRING PRIOR TO REGISTRATION**