

**Bachelor of Science Degree
Mechanical Engineering Technology
Accredited by the Technology Accreditation Commission (TAC) of the Accreditation Board for Engineering and Technology (ABET)
Student Worksheet Only**

JUNIOR YEAR

| Semester 5 | Cr | Complete/Sub |
|--|----|--------------|
| Mechanical Engineering Technology Elective | 3 | |
| CNIT 17500 Visual Programming (BASIC) | 3 | |
| CHM 11100 General Chemistry | 3 | |
| ECON 21000 Principles of Economics | 3 | |
| MA 22400 Introductory Analysis II | 3 | |
| TOTAL | 15 | |

| Semester 6 | Cr | Complete/Sub |
|---|----|--------------|
| Mechanical Engineering Technology Elective | 3 | |
| MET 32000 Applied Thermodynamics | 3 | |
| MET 38200 Controls & Instrumentation/Automation | 3 | |
| ENGL 10200 English Composition II | 3 | |
| STAT 30100 Elementary Statistical Methods | 3 | |
| TOTAL | 15 | |

Communication Selective: COM 31500, COM 32000, COM 41500

| Courses | Prerequisites | Co-Requisites |
|-----------|----------------------------------|---------------|
| MET 10200 | CGT 11000, MET 16200 | -- |
| MET 11100 | MA 15300, MET 16200 | MA 15400 |
| MET 14100 | None | MA 15300 |
| MET 14200 | MET 14100 | -- |
| MET 16200 | None | -- |
| MET 21100 | MET 11100 | MA 22300 |
| MET 21300 | MET 11100 | MA 22300 |
| MET 21400 | MET 21100, MET 21300 | -- |
| MET 22000 | MET 16200, PHYS 22000 | MA 22300 |
| MET 23000 | MET 11100 or PHYS 22000 | MA 22300 |
| MET 24200 | MET 14100, MA 15400 or MET 16200 | -- |

SENIOR YEAR

| Semester 7 | Cr | Complete/Sub |
|---|----|--------------|
| Mechanical Engineering Technology Elective | 3 | |
| MET 34400 Materials II | 3 | |
| MET 49900 Mechanical Design I | 2 | |
| Basic Science or Interdisciplinary Elective | 3 | |
| Communications Selective | 3 | |
| Humanities or Social Science Elective | 3 | |
| TOTAL | 17 | |

| Semester 8 | Cr | Complete/Sub |
|--|----|--------------|
| MET 31300 Applied Fluid Mechanics | 3 | |
| MET 49900 Mechanical Design II | 1 | |
| IET 45100 Monetary Analysis/Industrial Decisions | 3 | |
| ENGL 42100 Technical Writing | 3 | |
| Org. Leadership & Spv. or Management Elective | 3 | |
| TOTAL | 13 | |

TOTAL HRS 128

Note: Upper division MET offered on 2-year cycle.

| Courses | Prerequisites | Co-Requisites |
|-----------|--|---------------|
| MET 30200 | MET 10200, Junior Status | -- |
| MET 31300 | MET 23000, MA 22400 | -- |
| MET 31500 | MET 21300, MET 21400 | -- |
| MET 32000 | MET 22000, MA 22300 | -- |
| MET 34400 | MET 14100, MET 21100, CHEM 11100 | -- |
| MET 38200 | MA 22300, CNIT 17500, PHYS 22100 | -- |
| MET 41100 | MET 21100, MET 21300, PHYS 22100, MA 22400 | -- |
| MET 45100 | STAT 30100 | -- |
| MET 49900 | MET Major | -- |
| MET 49900 | CNIT 17500, MET 32000, MET 21400 | -- |
| MET 49900 | MET 49900 | -- |

