

Bachelor of Science in Engineering Technology

Major in Mechanical Engineering Technology

| Semester 1 17 credits | Semester 2 17 Credits | Semester 3 16 Credits | Semester 4 17 Credits | Semester 5 17 Credits | Semester 6 16 Credits | Semester 7 17 Credits | Semester 8 15 Credits |
|--|--|--|--|--|---|--|---|
| SET 100 First-Year Seminar (0) | SET 100 First-Year Seminar (0) | SET 200 Prof Dev Seminar (0) | SET 200 Prof Dev Seminar (0) | ECT 110 Electrical Circuits I (3) | SET 400 Seminar (1) | ECT 408 Data Acquisition & Measure (2) | MCT 490 Senior Design Project (3) |
| EGR 100 Enrichment Workshop (0) | EGR 100 Enrichment Workshop (0) | MCT 111L Introduction to Design (2) | IET 316 Quantitative Analysis (3) | ECT 110L Electrical Circuits I Lab (1) | MCT 330 Design Machine Elements (3) | MCT 342 Thermodynamics (3) | TECH EL (3) |
| EGR 103 Engineering Innovation (2) | MCT 110L Tech Drawing & CAD (2) | MFG 208L Geometric Dim & Tolerance (1) | MCT 221 Strength of Materials (3) | MCT 336 Fluid Power (3) | MFG 431 Automation Controls (3) | TECH EL (3) | TECH EL (3) |
| MTH 137 Calculus I With Review 1 (4) | MTH 138 Calculus I With Review 2 (4) | MCT 220 Statics & Dynamics (3) | MCT 231 Fluid Mechanics (3) | MCT 336L Fluid Power Lab (1) | MFG 240 Mfg Product Design (3) | TECH EL (3) | Advanced PHL/REL (Ethics) (3) |
| MFG 108L Mfg Processes Lab (1) | MFG 204 Materials & Processes (3) | MTH 207 Introduction to Statistics (3) | MFG 206L Dimensional Metrology (1) | MCT 313 Industrial Mechanisms (3) | MCT 317 Machine Dynamics (3) | Advanced PHL/REL (3) | Advanced Historical Studies (3) |
| CHM 123 General Chemistry (3) | MFG 204L Materials & Proc Lab (1) | PHY 201 General Physics I (3) | PHY 202 General Physics II (3) | IET 323 Project Management (3) | IET 317 Industrial Economics (3) | SSC 200 (3) | |
| CHM 123L General Chem Lab (1) | SET 153L Technical Computation (1) | PHY 201L General Phys I Lab (1) | PHY 202L General Phys II Lab (1) | Art Study (3) | | | |
| ENG 100 Writing Seminar I (3) | PHL 103 Introduction to Philosophy (3) | ENG 200 Writing Seminar II (3) | CMM 100 Principles of Oral Comm. (3) | | | | |
| REL 103 Introduction to Religion (3) | HST 103 The West & The World (3) | | | | | | |

KEY

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|---------------|---------|--------------------|---|
| CAP Common | Math | Technical Elective | See reverse for course prerequisites. Consult academic advisor for selection of approved common academic program (CAP) and technical elective courses. |
| CAP Electives | Science | ET Core | |

----- Corequisite or concurrent

