Mechanical Engineering

Overview
Academics & Admissions
Programs
Courses
Faculty

Courses
- Engr 313: Introduction to Materials Science
- Engr 314: Materials Science Laboratory
- Engr 420: Engineering Analysis III
- ME 101: Introduction to Mechanical Engineering
- ME 201: Engineering Graphics Fundamentals
- ME 324: Introduction to Mechanical Design
- ME 325: Intermediate Dynamics
- ME 399: Thermodynamics II
- ME 401: Thermo-fluid Dynamics
- ME 402: Elements of Propulsion
- ME 404: Applied Fluid Mechanics
- ME 406: Alternative Energy Systems
- ME 416: Structures and Dynamics Laboratory
- ME 417: Projects
- ME 418: Projects
- ME 419: Energy and Fluids Laboratory
- ME 420: Experimental Mechanical Engineering II
- ME 421: Structural Analysis
- ME 422: Structural Design I
- ME 426: Kinematics: Analysis and Synthesis
- ME 427: Kinematic Analysis and Synthesis
- ME 428: Dynamics of Machinery
- ME 438: Mechanical Engineering Design
- ME 521: Projects
- ME 522: Projects
- ME 523: Special Topics in Mechanical Engineering
- ME 524: Special Topics in Mechanical Engineering
- ME 525: Advanced Dynamics
- ME 526: Experimental Methods
- ME 527: Materials Processing
- ME 528: Polymer Processing
- ME 529: Aerodynamics
- ME 530: Physical Metallurgy
- ME 531: Mechanical Behavior of Engr Materials
- ME 532: Glass and Ceramics
- ME 533: Electronic Properties of Materials
- ME 534: Properties and Selection of Materials
- ME 535: Experimental Stress Analysis
- ME 537: Mechatronic Systems Engineering
- ME 538: Exprl Character of Polymer Composites
- ME 540: Failure Analysis
- ME 541: Theory and Use of CAD and Solid Modeling
- ME 543: Linear Systems and Controls
- ME 555: Heating Ventilation and Air-Conditioning