MECHANICAL ENGINEERING | Spring 2015-16

229 Carrier Hall, University, MS 38677

http://www.olemiss.edu/depts/mechanical_eng/



MECHANICAL ENGINEERING

Overview

Academics & Admissions

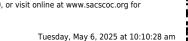
Programs

Courses

Faculty

Courses

- Engr 312: Mechanics of Materials
- Engr 313: Introduction to Materials Science
- **Engr 314: Materials Science Laboratory**
- Engr 323: Fluid Mechanics
- Engr 330: Engineering Systems Analysis and Design
- Engr 420: Engineering Analysis III
- Engr 553: Heat Transfer
- Engr 559: Elements of Robotics
- **Engr 523: Engineering Thermal Management**
- Engr 546: Micro/Nanoscale Fabrication
- **Engr 554: Computational Heat Transfer**
- M E 101: Introduction to Mechanical Engineering
- M E 201: Engineering Graphics Fundamentals
- M E 324: Introduction to Mechanical Design
- M E 325: Intermediate Dynamics
- M E 326: Machine Learning for Engineers
- M E 399: Thermodynamics II
- M E 401: Thermo-fluid Dynamics
- M E 402: Elements of Propulsion
- M E 404: Applied Fluid Mechanics
- M E 405: Modern Energy Conversion
- M E 406: Alternative Energy Systems
- M E 416: Structures and Dynamics Laboratory
- M E 417: Projects
- M E 418: Projects
- M E 419: Energy and Fluids Laboratory
- M E 420: Experimental Mechanical Engineering II
- M E 421: Structural Analysis
- M E 422: Structural Design I
- M E 426: Kinematics: Analysis and Synthesis
- M E 427: Kinematic Analysis and Synthesis
- M E 428: Dynamics of Machinery
- M E 437: Mechanical Engineering Design I
- M E 438: Mechanical Engineering Design
- M E 521: Projects
- M E 522: Projects •
- M E 523: Special Topics in Mechanical Engineering
- M E 524: Special Topics in Mechanical Engineering
- M E 525: Advanced Dynamics
- M E 526: Experimental Methods
- M E 527: Materials Processing
- M E 528: Polymer Processing
- M E 529: Aerodynamics
- M E 530: Physical Metallurgy
- M E 531: Mechanical Behavior of Engr Materials
- M E 532: Glass and Ceramics
- M E 533: Electronic Properties of Materials
- M E 534: Properties and Selection of Materials
- M E 535: Experimental Stress Analysis



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- M E 537: Mechatronic Systems Engineering
- M E 538: Exprl Character of Polymer Composites
- M E 540: Failure Analysis
- M E 541: Theory and Use of CAD and Solid Modeling
- M E 543: Linear Systems and Controls
- M E 555: Heating Ventilation and Air-Conditioning

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