

Department of Mechanical Engineering

The Master of Science in Applied Engineering (MSAE) degree program offered on the Statesboro Campus of Georgia Southern integrates state-of-the-art technology and interdisciplinary and conceptual science with hands-on, operational skills preparation. Graduates gain valuable knowledge and are placed in a unique position to make an immediate impact on their career and their employers. The Department of Mechanical Engineering offers concentrations in Energy Science, Engineering Management, and Mechatronics. Thesis or Non-thesis tracks are available within the program. Courses in the Mechanical Engineering concentrations include analytical math, renewable energy, combustion, engine development, quality control, leadership, environmental law, mechanical controls, system design and automation, modeling and simulation, fracture mechanics, robot dynamics, design and analysis, as well as experimental research. Thesis or independent study project research provides opportunity for individualized in-depth study within the concentration.

Programs

Master's

- Applied Engineering M.S.A.E. (Concentration in Energy Science) (Non-Thesis) (<http://catalog.georgiasouthern.edu/graduate/allen-paulson-engineering-computing/mechanical-engineering/applied-engineering-msae-energy-science-concentration-nt>)
- Applied Engineering M.S.A.E. (Concentration in Energy Science) (Thesis) (<http://catalog.georgiasouthern.edu/graduate/allen-paulson-engineering-computing/mechanical-engineering/applied-engineering-msae-energy-science-concentration>)
- Applied Engineering M.S.A.E. (Concentration in Engineering Management) (Non-Thesis) (<http://catalog.georgiasouthern.edu/graduate/allen-paulson-engineering-computing/mechanical-engineering/applied-engineering-msae-engineering-management-concentration-nt>)
- Applied Engineering M.S.A.E. (Concentration in Engineering Management) (Thesis) (<http://catalog.georgiasouthern.edu/graduate/allen-paulson-engineering-computing/mechanical-engineering/applied-engineering-msae-engineering-management-concentration>)
- Applied Engineering M.S.A.E. (Concentration in Mechanical Engineering) (Non-Thesis) (<http://catalog.georgiasouthern.edu/graduate/allen-paulson-engineering-computing/mechanical-engineering/applied-engineering-msae-mechanical-engineering-concentration-nt>)
- Applied Engineering M.S.A.E. (Concentration in Mechanical Engineering) (Thesis) (<http://catalog.georgiasouthern.edu/graduate/allen-paulson-engineering-computing/mechanical-engineering/applied-engineering-msae-mechanical-engineering-concentration>)
- Applied Engineering M.S.A.E. (Concentration in Mechatronics) (Non-Thesis) (<http://catalog.georgiasouthern.edu/graduate/allen-paulson-engineering-computing/mechanical-engineering/applied-engineering-msae-mechatronics-concentration-nt>)
- Applied Engineering M.S.A.E. (Concentration in Mechatronics) (Thesis) (<http://catalog.georgiasouthern.edu/graduate/allen-paulson-engineering-computing/mechanical-engineering/applied-engineering-msae-mechatronics-concentration>)
- Mechanical Engineering M.S.M.E. (Non-Thesis) (<http://catalog.georgiasouthern.edu/graduate/allen-paulson-engineering-computing/mechanical-engineering/mechanical-engineering-msme-non-thesis>)

- Mechanical Engineering M.S.M.E. (Thesis) (<http://catalog.georgiasouthern.edu/graduate/allen-paulson-engineering-computing/mechanical-engineering/mechanical-engineering-msme-thesis>)

Doctoral

No results were found.

Certificates

- Engineering and Manufacturing Management Certificate (<http://catalog.georgiasouthern.edu/graduate/allen-paulson-engineering-computing/mechanical-engineering/engineering-manufacturing-management-certificate>)
- Occupational Safety and Environmental Compliance Certificate (<http://catalog.georgiasouthern.edu/graduate/allen-paulson-engineering-computing/mechanical-engineering/occupational-safety-environmental-compliance-certificate>)

Endorsements

No results were found.