

North Carolina Agricultural and Technical State University



M.S. and Ph.D. in Mechanical Engineering



Research Areas

- Aerospace Engineering and CFD
- Thermal Systems, Energy & Sustainability
- Dynamic Systems and Controls
- Materials Engineering and Biomaterials
- Health Monitoring of Structures

A graduate degree in **Mechanical Engineering** prepares students for employment as faculty members in universities and researchers in public and private sector. Past graduates have been placed in a variety of high tech positions across the globe.

Research Centers and Laboratories

- NSF Engineering Research Center for Revolutionizing Metallic Biomaterials
- NASA Center for Aviation Safety
- Center for Composite Materials Research
- Center for Advanced Materials and Smart Structures
- A number of state-of-the-art research laboratories

Funding Opportunities

Faculty in Mechanical Engineering and a number of graduate research assistants work under research projects funded by *NSF, NASA, AFRL, Navy, and Army*. In addition, a number of students are supported by the Mechanical Engineering department as teaching assistants. A limited number of fellowships are also available. Financial aid is based on merit and availability of funds.

Employment Opportunities

Graduates of the program find employment as University faculty, researchers in NASA, DoD, and DOE research laboratories, as well as aerospace, automotive, manufacturing, and many service industries.

Admission

For Admission requirements, please visit the Graduate School web-

For More Information

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Program website

www.eng.ncat.edu



Graduate School website

www.ncat.edu/~grad