Engineering

Dr. Patricia Mead, Department Head
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The Department of Engineering at Norfolk State University offers the following degree programs:

• B.S. Electrical and Electronics Engineering
• B.S. Optical Engineering
• M.S. Electronics Engineering

The Engineering Advisory Board
The Department’s Engineering Advisory Board is composed of national leaders from government, universities, and industry. The Advisory Board provides vision and insight for all departmental initiatives conducted by the faculty.

The Mission Statement
The mission of the Department of Engineering is to empower students with the knowledge, skills, and abilities needed for successful professional careers in engineering; to encourage innovation, creativity and an entrepreneurial spirit; to instill a sense of community responsibility; and to develop leaders for a technology-driven global society.

https://www.nsu.edu/cset/engineering/index

Accreditation
In order to provide the best possible undergraduate education, the Department embraces the standards established by ABET, the sole accrediting agency for engineering programs in the United States. The B.S. programs in Electrical and Electronics Engineering and Optical Engineering are accredited by the Engineering Accreditation Commission (EAC) of ABET

415 N. Charles Street
Baltimore, Maryland 21201
www.abet.org

Overview
The Department of Engineering offers its students curricula that focus on key concepts and latest developments in the Electronics and Optical engineering fields. In addition, the department offers interdisciplinary curricula for a minor in Bioengineering.

The Department’s teaching and research facilities include two cleanrooms and several research laboratories that are equipped with state-of-the-art infrastructure for:

• Atomic layer Deposition
• Pulsed Laser Deposition
• Chemical Vapor Deposition
• RF/DC Magnetron Sputtering
• Photoluminescence
• Electron Beam Lithography
• Micro-Raman Spectroscopy
• FE/SEM/EDAX/STEM Microscopy
• Atomic Force Microscopy
• Electrical/Optical Characterization
• Neural Signal Recording
• Functional Neuroimaging

Engineering Programs
• Electronics Engineering, M.S. (https://catalog.nsu.edu/graduate/science-engineering-technology/engineering/electronics-ms/)