Technology Engineering - Bachelor of Science (B.S.)

Engineering the Next Generation of Tech

The innovative program at MSU brings together engineering and technology (computer science) curricula to prepare students for modern engineering challenges in the multidisciplinary, interconnected world.

Principles and Technologies

• Sensors and Signal Processing
• Circuits
• Computer Aided Design (mechanical and electrical)
• Prototyping
• Quality Assurance (QA)
• Project Management
• Programming including Python, C++, MatLab
• Embedded Systems, Internet of Things (IoT)
• Cybersecurity
• Data Science

Concentrations:
Mechatronics and Embedded Cybersecurity

Careers

• Mechatronics Engineer
• Software Integration Engineer
• Embedded System Engineer
• Robotics or Automation Engineer
• Data Engineer
• Test Engineer
• Manufacturing Engineer
• Engineering Project Manager
• QA Engineer (software, hardware, manufacturing)
• Design Engineer

Program Overview

• Four-Year Bachelor of Science Program (in the curricular approval process)
• Total 128 credits
• Projected launch Fall 2024 for Freshmen, Sophomores, and Juniors (by credits earned), available for internships
• First graduates projected Fall 2026

Contact

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