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East Greenwich, RI - Dr. Douglas H. Sherman, Senior Vice President and Provost at New England Institute of Technology (NEIT), announced that the university will offer two enhanced Bachelor of Science degree programs in Cybersecurity Engineering and Mechanical Engineering commencing with the Fall 2024 term. These programs strengthen NEIT's leadership in expanding the engineering and advanced manufacturing industries in Rhode Island and throughout New England.

Bachelor of Science Degree in Cybersecurity Engineering

With a focus on applied engineering design and robust workplace experience, NEIT's Cybersecurity Engineering program will prepare a new generation of cyber professionals to defend our existing industries, institutions, and government against AI-enabled cyber-attacks. NEIT has offered cybersecurity degree programs at both the undergraduate and graduate level for several years; however, the new program is differentiated by a heavy emphasis on the engineering design of cyber defense systems. Graduates will also be trained to assess the cyber vulnerabilities of existing digital information and control systems and design enhanced cyber defense measures to mitigate risk.

The Cybersecurity Engineering program intends to set a new standard in New England. The U.S. Department of Homeland Security and the National Security Agency have already designated New England Tech as a National Center of Academic Excellence in Cyber Defense Education (CAE-CDE). In addition to traditional engineering studies, students will apply their knowledge and skills on NEIT's new CyberBit range, a powerful cybersecurity training platform.

Bachelor of Science Degree in Mechanical Engineering

New England Tech has offered a Bachelor of Science degree program in Mechanical Engineering Technology for many years, but now, in addition to traditional coursework in engineering design, testing, and production, the more rigorous curriculum will be comprised of state-of-the-art courses in advanced manufacturing, artificial intelligence, digital instrumentation and measurement, and industrial control systems.

Students in both the Mechanical Engineering and Cybersecurity Engineering programs will participate in cooperative education programs in a professional workplace environment as part of their educational experience. The combination of learning environments will fully prepare students to be successful in their profession of choice.

Both the Mechanical Engineering and the Cybersecurity Engineering programs are being developed using the criteria of the Engineering Accreditation Commission (EAC) of the Accreditation Board for Engineering and Technology (ABET). New England Tech will seek ABET accreditation which ensures these programs meet or exceed the highest national standard of engineering education.

Applications are now being accepted for the Fall 2024 term.

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