



Kent State University Campus Entrance View

Kent State University serves the Northeast Ohio region with its Cybersecurity programs in collaboration with the regional community colleges. The programs offer hands-on experiences in networking, cybersecurity operations, wireless networking, and computer hardware. In addition, the college offers opportunities for cybersecurity analysis projects for drone air traffic management, unmanned flight operations, mechatronics engineering concepts such as robotics and automation.

Our faculty activities include attendance of NCAE annual symposia and cybersecurity conferences. In addition, POC Dr. Gurkan is participating in the Cyber-Informed Engineering workgroup for Education to infuse the CIE principles into our programs. Furthermore, she is leading the college's faculty with diverse interests in air traffic control operations, model-based systems engineering, and

machine learning algorithm applications towards creating cybersecurity postures in engineering systems. Dr. Gurkan recently launched the student chapter of Women in Cybersecurity (WiCyS) in the college to attract and increase cybersecurity majors and to coordinate outreach efforts to the region's high schools.

The university has many other initiatives in cybersecurity: Criminology programs with cybersecurity concentration in global security, business computer information systems programs with cybersecurity emphasis, and emerging media and technology center that offers industry-academia partnerships in security software development principles in a hands-on setting. These initiatives are coordinated in collaboration with the university IT to create a holistic approach to cybersecurity education at the Kent State University.

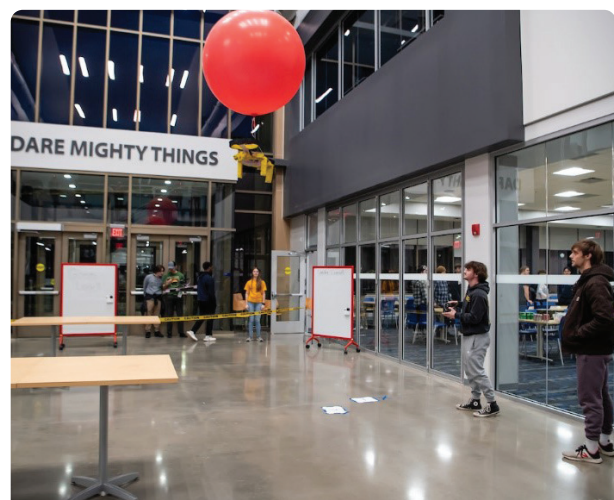
DESIGNATIONS

- CAE-Cyber Defense

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Drone flight demo night