

WCC CYBERSECURITY

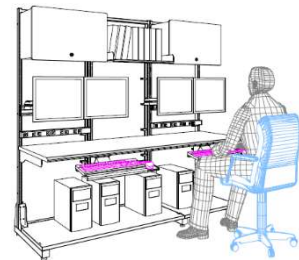
By Prof. John Watkins

About our program

At WCC, we have a very dynamic and technical program available for students:
AAS or Certificate in Cybersecurity

Under the direction of Prof. John Watkins – Curriculum Chair, we created a program student-centered where classes are not only dynamic but also relevant technically. We continuously meet with companies acquiring advise on what technologies we should incorporate in our classes.

We also partnered with Industry through Academic partnerships – providing, in many cases, free resources for students. A typical course in Cyber would involve lectures combined with a technical, applied implementation based on the knowledge that Companies are looking for in a new hire. Our courses are also parallel to Industry Certifications.



Our Lab environment not only includes a setup for teaching with dual projectors, dedicated workstations, and servers for each student but we also have and a Data Center managed by the Professors and students in the program.

Students graduate with the following:

- IT Certifications -Average of four It recognized Certifications
- The experience acquired via Internships – Internally or with Companies
- Competitions locally and nationally
- Mentoring and Career planning
- Attending/Presenting at Conferences
- Alumni networking



The State of our Program in 2019

We have consistently increased the number of students and graduates in the program. High School partnerships, presentations at conferences, recognition nationally, and student success are a significant reason for this success.

The new number of graduates for 2018-2019 is over 60 students!



In the past year and a half, I coordinated the initiative to map our program following the guidelines from NSA, DHS, and NICE. The effort consisted of 2 parts:

1. WCC participation from multiple Departments such as IT Dept, Workforce Dev., Advisory board, and other programs on campus.
2. The Redesigning of six courses mapping to the Government Knowledge Units.

The mapping also included student life and faculty outreach to the community. Because of the current success of the program, students winning competitions, faculty presentations about our success, and community outreach, our application received praise from mentor schools.

The result is that our application was accepted, and our program received the CAE2Y designation – we are a National Center of Academic Excellence in Cyber Defense Education.

Some of the benefits include:

- DHS/NSA Certificate after completing six of our courses
- National recognition and direct path to grants in Cybersecurity
- Competitions available only for CAE schools
- Access to resources in a closed community

Please visit our center web site: <https://www.wccybercenter.com>

National Center of Academic Excellence in Cyber Defense Education

