PURDUE UNIVERSITY NORTHWEST

"Advancing Society with Computing"

Purdue University Northwest (PNW) is a student-centered university that values academic excellence, supports growth, and celebrates diversity. Located near Chicago in northwest Indiana, PNW fosters a vibrant academic community through high quality and engaging undergraduate and graduate education.

The PNW College of Technology partners with business, industry, and government to give students opportunities to solve real-world problems, leading to internships and jobs. The majority of our courses are application-oriented and include laboratories with state-of-the-art equipment. The CAE path, BS in Computer Information Technology (CIT) undergraduate program, is accredited by the Computing Accreditation Commission of ABET. The curriculum is designed to follow IEEE/ACM curriculum guidelines, and courses are implemented with extensive hands-on activities and lab practices. Students are prepared with knowledge, skills, and abilities that can be mapped to multiple NICE Work Role Categories (Protect and Defend, Analyze, Operating and Maintain, Secure Provision). The CIT program enrollment is over 220 undergraduate and 30 graduate students.

Additional workforce development is supported through a CyberCorps® Scholarship for Service program sponsored by NSF which prepares highly qualified cybersecurity professionals to be placed in government agencies. CIT faculty members and students are actively engaged in applied research and sponsored projects, including but not limited to cyber-physics system security, machine learning in cybersecurity, IoT system security and GenCyber.

DESIGNATIONS

• **CAE - Cyber Defense Education**

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Inspiring the Next Generation of Cyber Stars