AIR FORCE INSTITUTE OF TECHNOLOGY

AFIT Campus at Wright-Patterson AFB, Ohio

The **Air Force Institute of Technology (AFIT)** has a long and well-recognized history of providing cutting-edge, cyber-focused graduate education and research. Its education programs address both defensive and offensive operations, as well as acquisition and sustainment issues. AFIT awards an average of 32 cyber-related MS degrees and three PhD degrees annually; approximately half are MS of Cyber Operations and the remaining are Computer Science, Computer Engineering, and Electrical Engineering.

AFIT's Center for Cyberspace Research was established in March 2002 and conducts cyber operations research at the Master's and PhD levels. Research objectives are closely aligned with evolving and anticipated Department of the Air Force and Defense Department needs, with current lines of effort in human factors in cyber operations, multi-domain operations, software defined networking, physical layer security, cyber physical and embedded systems, and cyber resilience in weapon systems.

In 2008, AFIT was designated as the Air Force Cyberspace Technical Center of Excellence (AF CyTCoE). AF CyTCoE's goal is to enhance the USAF's ability to develop cyber warriors capable of delivering strategic, operational and tactical effects by leveraging the most cutting-edge technologies and tactics available.

AFIT collaborates actively with other DoD and Federal government organizations, civilian universities, and industry. AFIT is a co-founder of the Cincinnati-Dayton Cyber Corridor (Cin-Day Cyber), whose long-term goals include advancing cybersecurity education (to include growing the number of CAE schools), promoting research collaboration among higher education schools, establishing government and industry (employer) partnerships, and developing the regional workforce.

DESIGNATIONS

• CAE-Research

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AFIT's ROTC Cyber Ed Program