Why Choose AFIT?

The Air Force Institute of Technology (AFIT) is committed to providing defense-focused graduate and professional continuing education and research to sustain the technological supremacy of America’s air, space, and cyber forces. The Center for Cyberspace Research (CCR) conducts defense-focused cybersecurity research at the Master’s and PhD levels. The CCR is a national Center of Academic Excellence in Cyber Defense Research, as designated by the Department of Homeland Security and the National Security Agency.

AFIT Capabilities:

- Graduate Cyber Ops Education
- Cyber Workforce Development
- Government, Industry & Academic Partnerships
- Classified Research
- Consulting Services

Website
www.afit.edu/ccr

Social Media
www.youtube.com/AFITCCR
www.facebook.com/CCRnews

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Research Areas
Center for Cyberspace Research (CCR)
Center for Cyberspace Research

CCR Research Focus Areas

- **Human Factors in Cyber Weapons**
  Autonomy, Artificial Intelligence, Analytics, Insider Threat

- **Cyber in Multi-domain Operations**
  Command & Control, Mission Assurance, Teaching Methodologies

- **Advanced Networking & Security**
  Software Defined Networks, Cloud Computing, Performance, Optimization

- **Reverse Engineering & Cyber Defense**
  Malware Analysis, Incident Response & Digital Forensics

- **Cyber Physical & Embedded Systems**
  Industrial Control Systems, Vehicles, Avionics, Internet of Things

- **Radio Frequency (RF) / Physical Layer**
  Wireless, Cellular, RF Intelligence, Electronic Warfare

CCR Labs

- Cyber-Physical Lab (Cy-Phy Lab)
- Reverse Engineering Lab (REL)
- Graduate Education in Cyber Operations (GECo) Classroom Lab
- RF Signal Exploitation Lab (RFSEL)
- Human Systems Integration (HSI) Lab
- AR/VR Workspace Lab

AFIT Center for Cyberspace Research Partnerships