What is ACE?
Advanced Cyber Education (ACE) program is a four-week course that takes place during the undergraduate academic summer break at Wright-Patterson AFB in Dayton, Ohio. The objective of the ACE program is to develop the next generation of cybersecurity leaders through an intense program that immerses students in the cybersecurity discipline while educating them on becoming future military leaders.

Who Should Apply?
ACE is open to Academy and Reserve Officer Training Corps (ROTC) cadets between their junior and senior years in college. Students must carry at least a 2.75 GPA, be a U.S. citizen and be in good standing in their detachment.

What is the ACE Course Structure?
This program covers a wide variety of cybersecurity related disciplines to develop original thinkers and technical leaders who can solve real-world problems in the area of cybersecurity.

The program consists of an instructional component, hands-on technical labs, and leadership opportunities through team challenges related to the cyberspace domain.
ACE Prerequisites
• Contracted ROTC and military service academy cadets from any service
• Rising seniors or juniors including cadets that have completed AS400
• Students from all programs of study are encouraged to apply. Preference will be given to students majoring in computer engineering, computer science, electrical engineering, or any information technology related major.
• Cumulative GPA > 2.75
• Must be a U.S. Citizen
• Detachment Commander recommendation

How to Apply:
1. Visit the CCR/ACE website at www.afit.edu/ace
2. Click on the apply now button.
3. Follow the application instructions and submit.

ACE Subject Matter
1. Information Warfare
2. Computer Network Defense
3. Cyber Attack
4. Cryptography
5. Wireless Concepts
6. Digital Forensics
7. Software Reverse Engineering

Leadership
Given a problem, a leader must:
1. Formulate a clear statement
2. Establish assumptions
3. Apply proper techniques
4. Create a sound solution
5. Perform risk analysis
6. Deliver a solution on time

Hands-on Experience

Cyber Warfare
1. Problem Solving
2. Command Styles
3. Leadership Principles
4. Crisis Decision Making
5. Military Strategy