

ACE *CYBER SECURITY BOOT CAMP*

ABOUT ACE

- Open to undergraduate civilians and ROTC
- Learn about cyber security and mission assurance
- Hands-on training in cyber tradecraft
- Weekly leadership development
- Perform real-world research and development



SENIOR CYBER CADET WINGS

INTERNSHIP BENEFITS

- A full-time paid research internship
- Hone technical skills
- Work on exciting cutting edge research
- Gain valuable leadership skills
- Become part of a growing elite cadre
- Enhance presentation and writing skills
- Complete co-op internship requirements

ADMISSION REQUIREMENTS:

- U.S. citizenship
- DoD Secret Clearance eligible
- Rising juniors or seniors in CE, CS, EE, Physics, Math or similar technical degree
- Strong background skills in computer science or engineering
- Recommended cumulative GPA > 3.5



WEEKLY TEAM BUILDING RUNS

APPLICATION PROCESS:

- **Priority deadline:**
7 December 2018 midnight EST
- **Final Deadline:**
25 January 2019 midnight EST

To apply, email a single PDF file with the following items to afrl.ace@us.af.mil:

- Resume with two references
- Unofficial college transcripts (including transfer credits courses)
- A 100-word biography (include hobbies, interest, and goals) with a recent headshot photograph

**NO EXCUSE • NO EXTENSION
NO EXCEPTION**



**ADVANCED COURSE IN
ENGINEERING**

**ROME, NY
29 MAY – 08 AUG 2019**





ACE

CYBER SECURITY BOOT CAMP

MISSION

“To develop the next generation of competent cyber leaders of consequence through technical excellence, on time performance and effective communication.”



CYBER TRADecraft AND EXERCISES

ACE Program

AFRL/RI
525 Brooks Road
Rome, NY 13441
afri.ace@us.af.mil
315-330-2793

WEEKLY SCHEDULE

Monday

- Presentations
- Facilitated discussions
- Challenge problem assignment

Tuesday

- Internship research
- Mentorship

Wednesday

- ACE run
- Internship research
- Mentorship

Thursday

- Leadership
- Cyber tradecraft

Friday

- Internship research
- Mentorship

METHODOLOGY

Given a problem, interns must

1. Formulate a clear problem statement
2. Establish reasonable assumptions
3. Apply proper techniques and tools
4. Create a sound solution
5. Perform risk analysis, and
6. Deliver a report on time

LEADERSHIP DEVELOPMENT

- Problem solving
- Command styles
- Leadership principles
- Crisis decision making
- Staff rides and tours

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ACE GRADUATING CLASS