ACE CYBER SECURITY BOOT CAMP

About ACE

- Open to 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

AFRL THE AIR FORCE RESEARCH LABORATORY

For more information about AFRL Information Directorate:
http://www.wpafb.af.mil/afrl/ri/

Admission Requirements

- U.S. citizenship
- Qualify for a DoD Secret Clearance (must possess interim or better before start of ACE)
- Rising juniors or seniors in CE, CS, EE, Physics, Math or similar technical degree
- Strong background and skills in computer science or engineering
- Recommended cumulative GPA > 3.5

Weekly Team Building Runs

Application Process

Must submit applications on or before 18 January 2016 midnight EST
Candidates may apply by emailing a single PDF file with the following items to iast@us.af.mil:

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

NO EXCUSE - NO EXTENSION NO EXCEPTION

ACE

Advanced Course in Engineering

ROME, NY
25 MAY - 5 AUG 2016

ACE CYBER SECURITY BOOT CAMP

NO EXTENSION
INFORMATION ASSURANCE
ACE
ADVANCED COURSE IN ENGINEERING
NO EXCUSE
NO EXCEPTION

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
iast@us.af.mil
315-330-4370

ACE Director
Dr. Sarah Muccio
iast@us.af.mil
315-330-4016

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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

ACE Graduating Class

AETC-2014-0668