**CSCE 525 Research Paper Assignment (Fall 2018)**

Try to submit to European Conference on Cyber Warfare and Security

* Ireland
* AFCEA Rocky Mountain Cyber Symposium

ID a problem

Deconstruct problem

ID solutions and analyze

Pose a solution and support your conclusion with data/facts

Make something useful for AF senior leaders

Assert a position on a cyber topic and write a research paper supporting your claim.  Cite research from quality academic papers and consider using real-world data sets and subject matter expertise as supporting material.  Target a specific academic conference and format your paper according to their style guidelines.  Topics and conferences must be pre-approved in writing by your instructor.  Highly recommend submitting quality drafts for instructor feedback.  Successful submission to an academic conference may earn top grades.  400 points possible (40% of course grade).

General topics include, but not limited to, the following:

* Multi-domain Operations / C2
* Mission Assurance / Mapping the Mission
* Insider Threat Detection & Mitigation
* Cyber Workforce Development
* Cyber Risk Management
* Automated Cyber Defense Systems
* Managing Enterprise Maintenance
* Acquisition Reform in the Digital Age
* Cyber Weapon System Evaluation Criteria
* Cyber Theory (Strategic, Operational, Tactical)
* Community Specific Cyber Education (Air, Space, Nuke, Acquisition, Logistics, etc)
* Cyber Hygiene

Topic/Venue Due (25 pts):   10 Oct 18

Abstract & Outline Due (25 pts):  22 Oct 18

First Draft Due (50 pts):  29 Oct 18 (Last Name A-F)

31 Oct 18 (Last Name K-O)

5 Nov 18 (Last Name P-Z)

Second Draft Due (50 pts): 19 Nov 18 (Last Name A-F)

21 Nov 18 (Last Name K-O)

26 Nov 18 (Last Name P-Z)

Final Due (250 pts): 5 Dec 18 (Last Name A-O)

10 Dec 18 (Last Name P-Z)