

Educational Opportunities for USSPACECOM members

Educational Funding Information:

Peterson SFB Education & Testing Services Center

Location: Bldg. 1141

Phone: 719-556-4996

DSN: 834-4996

Education Email: 21fss.fsde@us.af.mil

Tuition Assistance (TA) Briefing- Offered Tuesday at 2pm and Friday at 9am. Appointment required. Mandatory for all first-time TA users and any personnel who have not pursued their education in the last year as required by AFI 36-2670. To sign up, email 21fss.fsde@us.af.mil

Post 9/11 GI Bill- Learn more the Post-9/11 GI Bill. Topics covered include eligible criteria for the bill, the transfer to dependents option, payment amounts, comparison to the Montgomery GI Bill, and more. Only offered during DoD TAP education Track. To attend email 21fss.fsde@us.af.mil.

Schriever SFB education Center, call 719-567-2043/5779, DSN 312-560-2043/5779. Offers education/training and testing services. Our counselors assist and advise active duty on MiITA, CCAF, Dantes, VA education benefits, financial aid assistance and Skillbridge. On-base schools include Embry-Riddle Aeronautical University and University of Maryland Global Campus (UMGC). Our civilian training manager provides guidance on the civilian tuition assistance program (CTAP), developmental education programs and training resources. The test center offers WAPS, AFCT, AFOQT, CDCs and language testing (DLPT, DLAP, & OPI).

AEE Members:

University of Arizona

- Certificates:
 - o
- Undergraduate Programs:
 - o BS/BA in Aerospace Engineering: <https://www.arizona.edu/degree-search/majors/aerospace-engineering>
 - o BS/BA in Astronomy: <https://www.arizona.edu/degree-search/majors/astronomy>
 - o BS/BA in Cyber Operations (Cyber Engineering emphasis): <https://www.arizona.edu/degree-search/majors/cyber-operations-cyber-engineering-emphasis>
 - o BS/BA in Cyber Operations (Cyber Law & Policy emphasis): <https://www.arizona.edu/degree-search/majors/cyber-operations-cyber-law-and-policy-emphasis>

- BS/BA in Cyber Operations (Defense & Forensics emphasis): <https://www.arizona.edu/degree-search/majors/cyber-operations-defense-and-forensics-emphasis>
- Graduate Programs:
 - Graduate Astrobiology Minor: <https://grad.arizona.edu/catalog/programinfo/ASBMING>
 - Graduate Astronomy & Astrophysics Minor: <https://grad.arizona.edu/catalog/programinfo/ASAPMING>
 - Graduate Aerospace Engineering Minor: <https://grad.arizona.edu/catalog/programinfo/AEEMING>
 - Masters in Aerospace Engineering: <https://grad.arizona.edu/catalog/programinfo/AEEMS>
 - Accelerated Masters in Aerospace Engineering: <https://grad.arizona.edu/catalog/programinfo/AEEMSAEEMSAMP>
 - Masters in Astronomy & Astrophysics: <https://grad.arizona.edu/catalog/programinfo/ASAPMS>
 - Masters in Cybersecurity: <https://grad.arizona.edu/catalog/programinfo/CYBSECMS>
 - Masters in Robotics & Automation Engineering: <https://grad.arizona.edu/catalog/programinfo/ENGRMEROAU>
- Doctoral Programs:
 - PhD in Aerospace Engineering: <https://grad.arizona.edu/catalog/programinfo/AEPPHD>
 - PhD in Astronomy & Astrophysics: <https://grad.arizona.edu/catalog/programinfo/ASAPPHD>

Embry Riddle Aeronautical University

- Undergraduate Programs:
 - BS/BA in Aerospace & Occupational Safety: <https://erau.edu/degrees/bachelor/aerospace-occupational-safety>
 - BS/BA in Aerospace Engineering: <https://erau.edu/degrees/bachelor/aerospace-engineering>
 - BS/BA in Aerospace Physiology: <https://erau.edu/degrees/bachelor/aerospace-physiology>
 - BS/BA in Astronomy: <https://erau.edu/degrees/bachelor/astronomy>
 - BS/BA in Astronomy & Astrophysics: <https://erau.edu/degrees/bachelor/astronomy-astrophysics>
 - BS/BA in Cyber Intelligence & Security: <https://erau.edu/degrees/bachelor/cyber-intelligence-security>
 - BS/BA in Engineering Physics: <https://erau.edu/degrees/bachelor/engineering-physics>
 - BS/BA in Space Physics: <https://erau.edu/degrees/bachelor/space-physics>
 - BS/BA in Spaceflight Operations: <https://erau.edu/degrees/bachelor/spaceflight-operations>
- Graduate Programs:
 - Graduate Certificate in Space Operations: <https://erau.edu/degrees/certificate/space-operations>
 - Masters in Aerospace Business Analytics: <https://erau.edu/degrees/master/aerospace-business-analytics>
 - Masters in Aerospace Engineering: <https://erau.edu/degrees/master/aerospace-engineering>

- Masters in Aviation & Aerospace Sustainability: <https://erau.edu/degrees/master/aviation-aerospace-sustainability>
- Masters in Cyber Intelligence & Security: <https://erau.edu/degrees/master/cyber-intelligence-security>
- Masters in Cybersecurity Engineering: <https://erau.edu/degrees/master/cybersecurity-engineering>
- Masters in Engineering Physics: <https://erau.edu/degrees/master/engineering-physics>
- Masters in Space Operations: <https://erau.edu/degrees/master/space-operations>
- Doctoral Programs:
 - PhD in Aerospace Engineering: <https://erau.edu/degrees/doctoral/aerospace-engineering>
 - PhD in Engineering Physics: <https://erau.edu/degrees/doctoral/engineering-physics>
 - Professional Education Solutions: <https://proed.erau.edu/>

Columbia Southern University

University of Colorado-Colorado Springs

- Certificate Programs:
 - Graduate Certificate in Space Operations: [Engineering Online Space Operations Certificate | College of Engineering and Applied Science \(uccs.edu\)](#)
- Undergraduate Programs:
 - BA in Computer Science (Cybersecurity track): [CSBA 20-21.pdf \(menlosecurity.com\)](#)
 - Bachelor of Innovation in Computer Security: [Computer Security | Innovation Program \(uccs.edu\)](#)
 - BS/BA in Physics: [Undergraduate Degree Option | Department of Physics & Energy Science \(uccs.edu\)](#)
- Graduate Programs:
 - Aerospace Engineering Minor: [AERO-MN 21-22.pdf \(menlosecurity.com\)](#)
 - Masters of Engineering in Space Operations: [Space Operations Degree | College of Engineering and Applied Science \(uccs.edu\)](#)
 - Masters in Physics: [Master's Program | Department of Physics & Energy Science \(uccs.edu\)](#)
- Doctoral Programs
 - PhD in Mechanical & Aerospace Engineering: [PhD | College of Engineering and Applied Science \(uccs.edu\)](#)

University of Colorado-Boulder

- Certificate Programs:
 - Professional Cybersecurity Certificate: [Professional Cybersecurity Certificate | Computer Science | University of Colorado Boulder](#)
- Undergraduate Programs:
 - BS/BA in Aerospace Engineering: [Bachelor of Science in Aerospace Engineering | University of Colorado Boulder](#)

- BS/BA in Astronomy: [Bachelor of Arts in Astronomy | University of Colorado Boulder](#)
- Minor in Astronomy: [Astronomy - Minor < University of Colorado Boulder](#)
- Grand Challenge Space Minor: [Learn More | Grand Challenge Space Minor | University of Colorado Boulder](#)
- Graduate Programs:
 - MS/Professional MS/PhD in Aerospace Engineering Sciences: [Aerospace Engineering Sciences \(MS, PhD, Professional MS\) | University of Colorado Boulder](#)
 - Masters in Technology, Cybersecurity, & Technology: [Technology, Cybersecurity & Policy \(MS\) | University of Colorado Boulder](#)
- Doctoral Programs
 - PhD in Astrophysical & Planetary Sciences: [Astrophysical & Planetary Sciences \(PhD\) | University of Colorado Boulder](#)
 - Masters and PhD in Physics: [Physics \(MS, PhD\) | University of Colorado Boulder](#)
 - Research – Center for Astrophysics & Space Astronomy: [Home | Center for Astrophysics and Space Astronomy - CASA \(colorado.edu\)](#)
 - Research – Bioserve Space Technologies: [BioServe Space Technologies | University of Colorado Boulder](#)

University of New Mexico

- Certificate Programs
- Undergraduate Programs
 - BS, BA, and Minor in Physics and Astrophysics: [Physics & Astronomy :: Arts & Sciences Center for Academic Success \(ASCAS\) | The University of New Mexico \(unm.edu\)](#)
 - Dual degree (BS & BA) in Physics/Astrophysics and Electrical Engineering: [Physics & Astronomy :: Arts & Sciences Center for Academic Success \(ASCAS\) | The University of New Mexico \(unm.edu\)](#)
 - BS, BA, and Minor in Earth & Planetary Sciences: [Undergraduate Programs of Study :: Earth & Planetary Sciences | The University of New Mexico \(unm.edu\)](#)
 - BS in Nuclear Engineering: [Undergraduate Program & Curriculum :: Nuclear Engineering | The University of New Mexico \(unm.edu\)](#)
- Graduate Programs
 - Masters in Earth & Planetary Sciences: [M.S. Degree - Requirements and Procedures :: Earth & Planetary Sciences | The University of New Mexico \(unm.edu\)](#)
 - Masters in Physics with concentration in Astrophysics: [Graduate Program ~ MS/PhD in Physics With Astrophysics Concentration - Department of Physics and Astronomy | The University of New Mexico \(unm.edu\)](#)
 - Masters in Cybersecurity and Business Analytics: [Cybersecurity and Business Analytics \(MS-CBA\) :: UNM Online | The University of New Mexico](#)
 - Masters in Space Systems Engineering (BS – Electrical Engineering): [Space Systems Engineering \(MS Electrical Engineering\) :: UNM Online | The University of New Mexico](#)
 - Masters in Space Systems Engineering (BS – Mechanical Engineering): [Space Systems Engineering \(MS Mechanical Engineering\) :: UNM Online | The University of New Mexico](#)
- Doctoral Programs

- PhD in Earth & Planetary Sciences: [Ph.D. Program - Requirements and Procedures :: Earth & Planetary Sciences | The University of New Mexico \(unm.edu\)](#)
- PhD in Physics: [Graduate Program ~ PhD in Physics Requirements - Department of Physics and Astronomy | The University of New Mexico \(unm.edu\)](#)
- MS and PhD in Nuclear Engineering: [Graduate Program Overview :: Nuclear Engineering | The University of New Mexico \(unm.edu\)](#)

Norwich University

- Certificate Programs
- Undergraduate Programs
 - Minors in Computer Crime & Forensics and Information Assurance: [Senator Patrick Leahy School of Cybersecurity and Advanced Computing \(norwich.edu\)](#)
 - BS and Minor in Physics: [Physics Degree | Norwich University](#)
 - BS in National Security Studies: [Online Bachelor's in National Security | Norwich University](#)
 - BS in Strategic Studies and Defense Analysis: [Online Bachelor's in Strategic Studies | Norwich University](#)
 - BS in Computer Security & Information Assurance: [Cybersecurity Degree | Norwich University](#)
- Graduate Programs
 - Masters in Cybersecurity: [Online Master's Degree in Cybersecurity | Norwich University](#)
 - Masters in Defense Policy: [Master of Arts in Defense Policy | Norwich University Online](#)
 - Masters in Diplomacy: [Online Master's Degree in Diplomacy \(MDY\) | Norwich University](#)
 - Masters in Strategic Studies: [Online Master's Degree in Strategic Studies | Norwich University](#)
- Doctoral Programs

Georgia Institute of Technology (Georgia Tech)

- Certificate Programs
- Undergraduate Programs
 - BS in Aerospace Engineering: [Bachelor of Science in Aerospace Engineering < Georgia Tech \(gatech.edu\)](#)
 - Minor in Aerospace Engineering: [Minor in Aerospace Engineering < Georgia Tech \(gatech.edu\)](#)
 - BS in Nuclear & Radiological Engineering: [Bachelor of Science in Nuclear and Radiological Engineering < Georgia Tech \(gatech.edu\)](#)
 - Minor in Nuclear & Radiological Engineering: [Minor in Nuclear Radiological Engineering < Georgia Tech \(gatech.edu\)](#)
 - BS in Physics – Astrophysics: [Bachelor of Science in Physics - Astrophysics < Georgia Tech \(gatech.edu\)](#)
- Graduate Programs

- Masters in Aerospace Engineering: [Master of Science in Aerospace Engineering < Georgia Tech \(gatech.edu\)](#)
- Masters in Cybersecurity: [Master of Science in Cybersecurity < Georgia Tech \(gatech.edu\)](#)
- Masters in Nuclear Engineering: [Master of Science in Nuclear Engineering < Georgia Tech \(gatech.edu\)](#)
- Masters and PhD in Physics (numerous concentrations): [Graduate Program | School of Physics \(gatech.edu\)](#)
- Masters in Robotics: [Master of Science in Robotics < Georgia Tech \(gatech.edu\)](#)
- Doctoral Programs
 - PhD in Aerospace Engineering: [Doctor of Philosophy with a Major in Aerospace Engineering < Georgia Tech \(gatech.edu\)](#)
 - PhD in Nuclear Engineering: [Doctor of Philosophy with a Major in Nuclear Engineering < Georgia Tech \(gatech.edu\)](#)
 - PhD in Robotics: [Doctor of Philosophy with a Major in Robotics < Georgia Tech \(gatech.edu\)](#)

University of Texas at Austin

- Certificate Programs
- Undergraduate Programs
 - BS in Aerospace Engineering: [Aerospace Engineering \(utexas.edu\)](#)
 - BS, Masters, and PhD in Operations Research and Industrial Engineering: [Home \(utexas.edu\)](#)
 - BS & BA in Astronomy: [Majors \(utexas.edu\)](#)
 - BS & BA in Physics with a Space Science concentration: [Majors \(utexas.edu\)](#)
- Graduate Programs
 - Masters and PhD in Aerospace Engineering: [Aerospace Engineering \(utexas.edu\)](#)
 - Masters in Astronomy: [Graduate Program \(utexas.edu\)](#)
 - Masters in Computer Science, Artificial Intelligence, and Data Science: [Graduate Programs | Department of Computer Science \(utexas.edu\)](#)
 - Masters and PhD in Physics: [Explore Our Graduate Program \(utexas.edu\)](#)
- Doctoral Programs
 - PhD in Computer Science: [Degree Requirements | Department of Computer Science \(utexas.edu\)](#)

University of North Dakota

- Certificate Programs
- Undergraduate Programs
 - Minor in Astrophysics: [Astrophysics Minor | University of North Dakota \(und.edu\)](#)
 - BS in Cybersecurity: <https://und.edu/programs/cyber-security-bs/>
 - BS in Aerospace Engineering: [Aerospace Engineering Degree | University of North Dakota \(und.edu\)](#)
 - Minor in Cybersecurity: <https://und.edu/programs/cyber-security-minor/>
 - Minor in Space Studies: <https://und.edu/programs/space-studies-minor/>
 - BS and Minor in Physics/Astrophysics: [Physics Degree | University of North Dakota \(und.edu\)](#)
- Graduate Programs

- MS in Cybersecurity: https://onlinedegrees.und.edu/lpap-mscs/?Access_Code=UND-MSCS-SEO2&utm_campaign=UND-MSCS-SEO2
- Masters in Space Studies: <https://und.edu/programs/space-studies-ms/>
- Masters in Physics & Astrophysics: <https://und.edu/programs/physics-astrophysics-ms/>
- Doctoral Programs
 - PhD in Aerospace Sciences: [Aerospace Sciences Ph.D. | University of North Dakota \(und.edu\)](#)
 - PhD in Physics: [Ph.D. in Physics | University of North Dakota \(und.edu\)](#)

University of Buffalo (The State University of New York)

- Certificate Programs
 - Cybersecurity Advanced Certificate: [Cybersecurity Advanced Certificate - The Graduate School at the University at Buffalo - University at Buffalo](#)
- Undergraduate Programs
 - BA in Physics: [Physics BA - 2022-23 University at Buffalo Undergraduate Degree & Course Catalog](#)
 - BS in Physics: [Physics BS - 2022-23 University at Buffalo Undergraduate Degree & Course Catalog](#)
 - Minor in Physics: [Physics Minor - 2022-23 University at Buffalo Undergraduate Degree & Course Catalog](#)
 - Minor in Cybersecurity: [Cybersecurity Minor - 2022-23 University at Buffalo Undergraduate Degree & Course Catalog](#)
 - BS in Computer Science: [Computer Science BS - 2022-23 University at Buffalo Undergraduate Degree & Course Catalog](#)
 - BS in Aerospace Engineering: [Aerospace Engineering BS - 2022-23 University at Buffalo Undergraduate Degree & Course Catalog](#)
 - Minor in Robotics: [Robotics Minor - 2022-23 University at Buffalo Undergraduate Degree & Course Catalog](#)
- Graduate Programs
 - Computer Science BS/Computer Science and Engineering MS: [Computer Science BS/Computer Science and Engineering MS - 2022-23 University at Buffalo Undergraduate Degree & Course Catalog](#)
 - Masters in Aerospace Engineering: [Aerospace Engineering MS - The Graduate School at the University at Buffalo - University at Buffalo](#)
 - Masters in Engineering Science (Artificial Intelligence): [Engineering Science \(Artificial Intelligence\) MS - The Graduate School at the University at Buffalo - University at Buffalo](#)
 - Masters in Engineering Science (Robotics): [Engineering Science \(Robotics\) MS - The Graduate School at the University at Buffalo - University at Buffalo](#)
 - Masters in Physics: [Physics MS - The Graduate School at the University at Buffalo - University at Buffalo](#)
- Doctoral Programs
 - PhD in Aerospace Engineering: [Aerospace Engineering PhD - The Graduate School at the University at Buffalo - University at Buffalo](#)
 - PhD in Physics: [Physics PhD - The Graduate School at the University at Buffalo - University at Buffalo](#)

University of Alabama – Huntsville

- Certificate Programs
 - o Rocket Propulsion Certificate: [UAH College of Professional Studies](#)
- Undergraduate Programs
 - o BS in Aerospace Engineering: [UAH - Engineering - Undergraduate](#)
 - o BS in Industrial & Systems Engineering: [UAH - Engineering - Undergraduate Program](#)
 - o BS in Atmospheric & Earth Science (Atmospheric Science & Meteorology Concentration): [UAH - College of Science - Undergraduate Programs](#)
 - o BS in Computer Science (with Cybersecurity electives): [UAH - College of Science - Undergraduate Programs](#)
 - o BS in Physics (Astronomy & Astrophysics concentration): [UAH - College of Science - Undergraduate Programs](#)
- Graduate Programs
 - o Masters and PhD in Aerospace Engineering: [UAH - Engineering - Graduate](#)
 - o Masters and PhD in Industrial & Systems Engineering: [UAH - Engineering - Graduate Programs](#)
 - o Masters and PhD in Atmospheric Science: [UAH - College of Science - Graduate Programs](#)
 - o Masters in Cybersecurity and PhD in Computer Science: [UAH - College of Science - Graduate Programs](#)
 - o Masters in Physics (Optics & Photonics Technology), PhD in Physics, and PhD in Optical Science & Engineering: [UAH - College of Science - Graduate Programs](#)
- Doctoral Programs
 - o Propulsion Research Center: [UAH - Propulsion Research Center](#)

Air Force Institute of Technology (AFIT)

- Certificate Programs
 - o Certificate in Hypersonic Flight: [AFIT / Department of Aeronautics & Astronautics](#)
 - o Certificate in Space Systems: [AFIT / Department of Aeronautics & Astronautics](#)
 - o Certificate in Space Vehicular Design: [AFIT / Department of Aeronautics & Astronautics](#)
 - o Certificate in Modeling, Simulations, & Analysis: [AFIT / Department of Operational Sciences](#)
 - o Certificate in Test and Evaluation: [AFIT / Department of Operational Sciences](#)
 - o Certificate in Systems Engineering: [AFIT / Department of Systems Engineering & Management](#)
- Undergraduate Programs
- Graduate Programs
 - o Masters in Astronautical Engineering: [AFIT / Department of Aeronautics & Astronautics](#)
 - o Masters in Materials Science (Structural): [AFIT / Department of Aeronautics & Astronautics](#)
 - o Masters in Space Systems: [AFIT / Department of Aeronautics & Astronautics](#)
 - o Masters in Atmospheric Science: [AFIT / Department of Engineering Physics](#)
 - o Masters in Materials Science (Electronic/Photonic): [AFIT / Department of Engineering Physics](#)
 - o Masters in Nuclear Engineering: [AFIT / Department of Engineering Physics](#)

- Masters in Optical Science & Engineering: [AFIT / Department of Engineering Physics](#)
- Masters in Operations Research: [AFIT / Department of Operational Sciences](#)
- Masters in Systems Engineering: [AFIT / Department of Systems Engineering & Management](#)
- Doctoral Programs
 - PhD in Astronautical Engineering: [AFIT / Department of Aeronautics & Astronautics](#)
 - PhD in Materials Science (Structural):
<https://www.afit.edu/ENY/programs.cfm?a=view&D=4>
 - PhD in Space Systems: [AFIT / Department of Aeronautics & Astronautics](#)
 - PhD in Materials Science (Electronic/Photonic): [AFIT / Department of Engineering Physics](#)
 - PhD in Nuclear Engineering: [AFIT / Department of Engineering Physics](#)
 - PhD in Optical Science & Engineering: [AFIT / Department of Engineering Physics](#)
 - PhD in Operations Research: [AFIT / Department of Operational Sciences](#)
 - PhD in Systems Engineering: [AFIT / Department of Systems Engineering & Management](#)
- Cyber PCE Schoolhouse: [AFIT / School of Strategic Force Studies](#)

Capitol Technology University

- Certificate Course:
 - Certificate in Computer and Cybersecurity: [Certificate in Computer and Cybersecurity | Capitol Technology University \(captechu.edu\)](#)
 - Certificate in Space Missions and Operations Specialist: [Certificate in Space Missions and Operations Specialist | Capitol Technology University \(captechu.edu\)](#)
- Associate Programs:
 - Computer and Cyber Operations Engineering (ASS): [Associate of Applied Science \(AAS\) in Computer and Cyber Operations Engineering | Capitol Technology University \(captechu.edu\)](#)
 - Engineering Fundamentals: [Associate of Applied Science \(AAS\) in Engineering Fundamentals | Capitol Technology University \(captechu.edu\)](#)
- Undergraduate Programs:
 - Astronautical Engineering: [Bachelor of Science \(BS\) in Astronautical Engineering | Capitol Technology University \(captechu.edu\)](#)
 - Cyber Analytics: [Bachelor of Science \(BS\) in Cyber Analytics | Capitol Technology University \(captechu.edu\)](#)
 - Cybersecurity: [Bachelor of Science \(BS\) in Cybersecurity | Capitol Technology University \(captechu.edu\)](#)
 - Astronautical Engineering: [Bachelor of Science \(BS\) in Astronautical Engineering | Capitol Technology University \(captechu.edu\)](#)
 - Computer Science: [Bachelor of Science \(BS\) in Computer Science | Capitol Technology University \(captechu.edu\)](#)
- Graduate Programs:
 - Master of Research (M.Res.) in Astronautical Engineering: [Astronautical Engineering \(M.Res.\) | Capitol Technology University | Capitol Technology University \(captechu.edu\)](#)
 - Master of Science (MS) in Cyber Analytics: [Bachelor of Science \(BS\) in Cybersecurity | Capitol Technology University \(captechu.edu\)](#)

- Mater of Science (MS) in cybersecurity: [Master of Science in Cybersecurity - Online | Capitol Technology University | Capitol Technology University \(captechu.edu\)](#)
- Doctorate Programs:
 - Doctor of Philosophy (PhD) in Astronautical Engineering: [Astronautical Engineering \(PhD\) | Capitol Technology University | Capitol Technology University \(captechu.edu\)](#)
 - Doctor of Philosophy (PhD) in Space Operations: [Space Operations \(PhD\) | Capitol Technology University | Capitol Technology University \(captechu.edu\)](#)
 - Doctor of Philosophy (PhD) in Aeronautical Science: [Aeronautical Science \(PhD\) | Capitol Technology University | Capitol Technology University \(captechu.edu\)](#)
 - Doctor of Philosophy (PhD) in Space Cybersecurity: [Doctor of Philosophy \(PhD\) in Space Cybersecurity | Capitol Technology University \(captechu.edu\)](#)
 - Doctor of Philosophy (PhD) in Offensive Cyber Engineering: [Offensive Cyber Engineering \(PhD\) | Capitol Technology University | Capitol Technology University \(captechu.edu\)](#)
 - Doctorate (DSc) in Cybersecurity: [Doctorate in Cybersecurity | Capitol Technology University | Capitol Technology University \(captechu.edu\)](#)

Purdue University

- Certificate Programs
- Undergraduate Program
 - BS in Aeronautical and Astronautical Engineering: [Program: Aeronautical and Astronautical Engineering, BSAAE - Purdue University - Acalog ACMS™](#)
 - BS in Cybersecurity: [Program: Cybersecurity, BS - Purdue University - Acalog ACMS™](#)
 - BS in Mechatronics Engineering Technology: [Program: Mechatronics Engineering Technology, BS - Purdue University - Acalog ACMS™](#)
 - BS in Planetary Sciences: [Program: Planetary Sciences, BS - Purdue University - Acalog ACMS™](#)
 - BS in Robotics Engineering Technology: [Program: Polytechnic Statewide Robotics Engineering Technology, BS - Purdue University - Acalog ACMS™](#)
- Graduate Programs
 - Masters and PhD in Aeronautics and Astronautics: [Gambaro Graduate Program of Aeronautics and Astronautics - School of Aeronautics and Astronautics - Purdue University](#)
 - Masters and PhD in Computer Science: [Graduate Admissions - Department of Computer Science - Purdue University](#)
 - Masters in Defense Engineering and Technology: [Graduate Degree Programs - The Graduate School - Purdue University](#)
 - Masters and PhD in Earth, Atmospheric, and Planetary Sciences: [Graduate Students - Department of Earth, Atmospheric, and Planetary Sciences - Purdue University](#)
 - Masters and PhD in Nuclear Engineering: [Graduate Program - Nuclear Engineering - Purdue University](#)
 - Masters and PhD in Physics: [Graduate Students: Department of Physics and Astronomy: Purdue University](#)
- Doctoral Programs

Other University Programs

Stanford

- Certificate Programs
 - o Guidance and Control Grad Cert Program: <https://online.stanford.edu/programs/guidance-and-control-graduate-program?method=load&certificateId=1211168>
 - o Robotics and Autonomous Systems Grad Cert Program: <https://online.stanford.edu/programs/robotics-and-autonomous-systems-graduate-program>
- Undergraduate Programs
 - o BS/BA in Aeronautics & Astronautics Engineering: <https://majors.stanford.edu/majors/aeronautics-and-astronautics>
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- Graduate Programs
 - o Master of Science in Aeronautics & Astronautics Engineering: <https://aa.stanford.edu/academics-admissions/graduate-programs/masters-program>
- Doctoral Programs
 - o PhD in Aeronautics & Astronautics Engineering: <https://aa.stanford.edu/academics-admissions/graduate-programs/doctoral-program>

George Washington University

- Certificate Programs
 - o Space Policy Institute International Science and Technology Policy Cert - <https://spi.elliott.gwu.edu/academics/masters-program/certificate-program/>
- Undergraduate Programs
 - o BS/BA in Astronomy & Astrophysics: <http://bulletin.gwu.edu/arts-sciences/physics/bs-astronomy-astrophysics/>
- Graduate Programs
 - o Dual Bachelor/Master of Science in the field of Cybersecurity in Computer Science: <http://bulletin.gwu.edu/engineering-applied-science/computer-science/combined-seas-bs-ms-cybersecurity/>
 - o Masters in Cybersecurity Analytics: <http://bulletin.gwu.edu/engineering-applied-science/cybersecurity-analytics-meng/>
 - o Masters in the Field of Cybersecurity in Computer Science: <http://bulletin.gwu.edu/engineering-applied-science/computer-science/ms-cybersecurity/>
 - o Masters in the Field of Cybersecurity in Policy and Compliance: <http://bulletin.gwu.edu/engineering-applied-science/engineering-management-systems-engineering/cybersecurity-policy-and-compliance-meng/>

- Doctoral Programs
 - o PhD of Engineering in the Field of Cybersecurity Analytics: <http://bulletin.gwu.edu/engineering-applied-science/cybersecurity-analytics-deng/>

Florida Tech

- Certificate Programs
 - o Commercial Space Studies Certificate - <https://www.fit.edu/programs/commercial-space-studies-certificate/>
 - o Information Assurance and Cybersecurity Grad Certificate - http://catalog.fit.edu/preview_program.php?catoid=14&poid=5418
 - o Flight Test Engineering Grad Certificate - https://catalog.fit.edu/preview_program.php?catoid=14&poid=5562
- Undergraduate Programs
 - o BS/BA in Astrobiology: <https://www.fit.edu/programs/astrobiology-bs/>
 - o BS/BA in Astronomy and Astrophysics: <https://www.fit.edu/programs/astronomy-and-astrophysics-bs/>
- Graduate Programs
 - o Masters in Space Systems: <https://www.fit.edu/programs/space-systems-ms/>
 - o Masters in Space Systems Management: <https://www.fit.edu/programs/space-systems-management-ms/>
 - o Masters in Space Sciences: <https://www.fit.edu/programs/space-sciences-ms/>
- Doctoral Programs
 - o PhD in Space Sciences: <https://www.fit.edu/programs/space-sciences-phd/>

Penn State

- Certificate Programs
 - o Justice, Ethics, Diversity in Space BS/BA Certificate: <https://bulletins.psu.edu/BS/BAuate/colleges/earth-mineral-sciences/justice-ethics-diversity-space-certificate/>
 - o Space Systems Engineering BS/BA Certificate: <https://bulletins.psu.edu/BS/BAuate/colleges/engineering/space-systems-engineering-certificate/>
- Undergraduate Programs
 - o BS/BA in Astronomy & Astrophysics: <https://bulletins.psu.edu/BS/BAuate/colleges/eberly-science/astronomy-astrophysics-bs/>
 - o BS/BA in Planetary Science & Astronomy: <https://bulletins.psu.edu/BS/BAuate/colleges/eberly-science/planetary-science-and-astronomy-bs/>
 - o BS/BA Minor in Astronomy & Astrophysics: <https://bulletins.psu.edu/BS/BAuate/colleges/eberly-science/astronomy-astrophysics-minor/>
- Graduate Programs

- Masters & PhD in Astronomy & Astrophysics: <https://bulletins.psu.edu/graduate/programs/majors/astronomy-astrophysics/>
- Doctoral Programs

Ohio State University

- Certificate Programs
- Undergraduate Programs
 - Planetary Science BS/BA Certificate - <https://earthsciences.osu.edu/majors/BS/BAuate-planetary-science-certificate>
 - BS/BA Major & Minor in Astronomy: <https://astronomy.osu.edu/BS/BAuates>
- Graduate Programs
 - Masters & PhD in Astronomy: <https://astronomy.osu.edu/grad>
- Doctoral Programs
- Center for Cosmology and Astroparticle Physics (Space Research): <https://ccapp.osu.edu/>

John Hopkins University

- Certificate Programs
 - Geographic Information Systems BS/BA Certificate: <https://e-catalogue.jhu.edu/arts-sciences/advanced-academic-programs/programs/geographic-information-systems-post-baccalaureate-certificate/>
 - Intelligence Graduate Certificate: <https://e-catalogue.jhu.edu/arts-sciences/advanced-academic-programs/programs/center-advanced-governmental-studies/intelligence-certificate/>
 - Cybersecurity Post-Masters Certificate: <https://e-catalogue.jhu.edu/engineering/engineering-professionals/cybersecurity/cybersecurity-post-masters-certificate/>
- Undergraduate Programs
 - BS/BA in Earth & Planetary Sciences: <https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/earth-planetary-science/earth-planetary-sciences-bachelor-arts/>
 - BS/BA Minor in Earth & Planetary Science: <https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/earth-planetary-science/earth-planetary-sciences-minor/>
 - BS/BA Minor in Space Systems Engineering: <https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/space-science-engineering/space-science-engineering-minor/>
- Graduate Programs
 - Masters in Cybersecurity: <https://e-catalogue.jhu.edu/engineering/engineering-professionals/cybersecurity/cybersecurity-master-science/>
 - Masters in Space Systems Engineering: <https://e-catalogue.jhu.edu/engineering/engineering-professionals/space-systems-engineering/space-systems-engineering-master-science/>
 - Masters in Strategy, Cybersecurity, and Intelligence: <https://e-catalogue.jhu.edu/advanced-international-studies/strategy-cybersecurity-intelligence/>
- Doctoral Programs

- PhD in Astronomy & Astrophysics: <https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/physics-astronomy/astronomy-astrophysics-phd/>

University of Central Florida (UCF)

- Certificate Programs
- Undergraduate Programs
 - BS/BA in Aerospace Engineering: [Aerospace Engineering \(BSAE\) Degree | UCF Orlando, FL](#)
 - BS/BA in Physics (Optics & Lasers): [Physics \(BS\) - Optics and Lasers Degree | UCF Orlando, FL](#)
 - BS/BA in Physics (Astronomy): [Physics \(BS\) - Astronomy Degree | UCF Orlando, FL](#)
- Graduate Programs
 - Masters in Aerospace Engineering (Space Systems Design): [Aerospace Engineering \(MSAE\) | Space Systems Design & Engineering \(ucf.edu\)](#)
 - Masters in Cybersecurity and Privacy: [Cyber Security and Privacy \(MS\) Degree | UCF Orlando, FL](#)
 - Masters in Physics (Planetary Sciences): [Physics \(MS\) - Planetary Sciences Degree | UCF Orlando, FL](#)
- Doctoral Programs
 - PhD in Aerospace Engineering: [Aerospace Engineering \(PhD\) Degree | UCF Orlando, FL](#)
 - PhD in Physics (Planetary Sciences): [Physics \(PhD\) - Planetary Sciences Degree | UCF Orlando, FL](#)

University of Washington

- Certificate Programs
 - BS/BA Certificate in Cybersecurity: https://www.pce.uw.edu/certificates/cybersecurity?_gl=1*1cad15b*_ga*MTc1MzkxNzUyNi4xNjc1MzY2OTM0*_ga_3T65WK0BM8*MTY3NTM2NjkzMy4xLjEuMTY3NTM2Nzg2OS4wLjAuMA..
- Undergraduate Programs
 - BS/BA in Astronomy: <https://astro.washington.edu/BS/BAuate-program>
 - BS/BA in Aeronautical & Astronautical Engineering: <https://www.aa.washington.edu/admissions/BS/BA>
- Graduate Programs
 - Masters and PhD in Astronomy: <https://astro.washington.edu/graduate-program>
 - Masters in Aeronautics & Astronautics: <https://www.aa.washington.edu/students/academics/msaa>
- Doctoral Programs
 - PhD in Aeronautics & Astronautics: <https://www.aa.washington.edu/admissions/grad/phd>
 - Grad Certificate & Dual Title PhD in Astrobiology: <https://depts.washington.edu/astrobio/wordpress/graduate-program/>
 - Space Systems Research: https://www.aa.washington.edu/research/spacesystems?_ga=2.186328233.1241368656.1675366934-1753917526.1675366934&_gl=1*gggxf1*_ga*MTc1MzkxNzUyNi4xNjc1MzY2OTM0*_ga_3T65WK0BM8*MTY3NTM2NjkzMy4xLjEuMTY3NTM2ODE4OS4wLjAuMA

University of Illinois

- Certificate Programs
 - o Grad Certificate in Hypersonics - <https://aerospace.illinois.edu/academics/graduate/certificates#hypersonics>
 - o Grad Certificate in Spaceflight Engineering - <https://aerospace.illinois.edu/academics/graduate/certificates#spaceflight>
- Undergraduate Programs
 - o BS/BA in Astronomy: <http://catalog.illinois.edu/BS/BAuate/las/astronomy-bslas/>
 - o BS/BA in Astronomy & Data Science: <http://catalog.illinois.edu/BS/BAuate/las/astronomy-data-science-bslas/>
 - o BS/BA in Astrophysics: <http://catalog.illinois.edu/BS/BAuate/las/astrophysics-bslas/>
 - o BS/BA in Geography & Geographical Information Science: <http://catalog.illinois.edu/BS/BAuate/las/geography-geographic-information-science-bslas/>
- Graduate Programs
- Doctoral Programs
 - o Research in Space Systems and Astrodynamics: <https://aerospace.illinois.edu/research/research-areas/space-systems>

University of Southern California

- Certificate Programs
 - o Grad Certificate in Astronautical Engineering: <https://online.usc.edu/programs/graduate-certificate-astronautical/>
 - o Grad Certificate in Geospatial Intelligence: <https://online.usc.edu/programs/graduate-certificate-in-geospatial-intelligence/>
 - o Grad Certificate in Remote Sensing for Earth Observation: <https://online.usc.edu/programs/graduate-certificate-in-remote-sensing-for-earth-observation/>
- Undergraduate Programs
 - o BS/BA in Astronomy: <https://dornsife.usc.edu/physics/BS/BAuate-astronomy/>
 - o BS/BA in Intelligence & Cyber Operations: https://catalogue.usc.edu/preview_program.php?catoid=11&poid=11370&hl=cyber+operations&returnto=search
 - o BS/BA in Astronautical engineering: <https://viterbi.usc.edu/news/news/2013/usc-astronautical-engineering.htm>
- Graduate Programs
 - o Masters in Quantum Information Science and PhD in Physics & Astronomy: <https://dornsife.usc.edu/physics/graduate/>
- Doctoral Programs

Texas A&M

- Certificate Programs
 - o Graduate Certificate in Space Life Sciences: <https://grad.tamu.edu/academics/program-directory/space-life-sciences>

- Undergraduate Programs
 - BS/BA in Aerospace Engineering: https://careercenter.tamu.edu/Resources/Exploring_Career_Paths/Careers-Salaries-and-Employers-by-Major/Aerospace-Engineering
 - BS/BA in Aerospace Engineering: <https://engineering.tamu.edu/aerospace/academics/degrees/BS/BAuate/minor.html>
 - BS/BA Minor in Astrophysics: <https://artsci.tamu.edu/physics-astronomy/academics/degrees/BS/BAuate/astrophysics-minor.html>
- Graduate Programs
 - Masters in Aerospace Engineering: <https://engineering.tamu.edu/aerospace/academics/degrees/graduate/meng.html>
 - Masters in Astronomy: <https://artsci.tamu.edu/physics-astronomy/academics/degrees/graduate/astronomy-ms.html>
- Doctoral Programs
 - PhD in Aerospace Engineering: <https://engineering.tamu.edu/aerospace/academics/degrees/graduate/phd.html>
 - PhD in Astronomy: <https://artsci.tamu.edu/physics-astronomy/academics/degrees/graduate/astronomy-phd.html>

Cornell University

- Certificate Programs
 - Spaceflight Mechanics Certificate Program: <https://news.cornell.edu/stories/2021/09/cornell-launches-spaceflight-mechanics-certificate-program>
 - Cybersecurity Security Program: <https://ecornell.cornell.edu/certificates/technology/cybersecurity/>
- Undergraduate Programs
 - BS/BA Minor in Aerospace Engineering: <https://www.mae.cornell.edu/mae/programs/BS/BAuate-programs/minors>
 - BS/BA in Astronomy: <https://astro.cornell.edu/BS/BAuate>
- Graduate Programs
 - Masters in Astronomy: <https://astro.cornell.edu/graduate-overview#graduate-handbook>
 - Masters in Aerospace Engineering: <https://gradschool.cornell.edu/academics/fields-of-study/field/aerospace-engineering/>
 - Masters in Physics: <https://gradschool.cornell.edu/academics/fields-of-study/field/physics/>
- Doctoral Programs

Naval Postgraduate School

- Certificate Programs
 - Graduate Certificate in Robotics Engineering: <https://nps.edu/web/mae/robotics>
 - DL Degrees and Certificate Options: <https://safe.menlosecurity.com/doc/docview/viewer/docN3F1B3FB420A4a392893fed49b9af41ce263a7567f12a38949cdf9319f0f2af225646b62c08af>
 - Masters & Certificates in Space Systems: <https://nps.edu/web/ssag/degrees-and-curriculum>

- Undergraduate Programs
- Graduate Programs
 - Masters in Astronautical Engineering: <https://nps.edu/web/mae/msae>
- Doctoral Programs
 - PhD in Space Systems Engineering: <https://nps.smartcatalogiq.com/en/current/academic-catalog/groups-and-committees/space-systems-academic-group/space-systems-engineering-phd-curriculum-597/>

University of Hawaii

- Certificate Programs
 - Earth and Planetary Exploration BS/BA Certificate - <https://www.higp.hawaii.edu/index.php/teaching/epet-certificate-program/>
- Undergraduate Programs
 - BS/BA in Astronomy: https://hilo.hawaii.edu/catalog/bs_astr
 - BS/BA in Cybersecurity: <https://westoahu.hawaii.edu/academics/degrees/cybersecurity/>
- Graduate Programs
 - Masters in Astronomy: https://www2.ifa.hawaii.edu/gradprog/ms_degree.shtml
 - Masters in Earth & Planetary Sciences: http://www.soest.hawaii.edu/GG/academics/gg_ms.html
- Doctoral Programs
 - PhD in Astronomy: https://www2.ifa.hawaii.edu/gradprog/phd_progress.shtml
 - PhD in Earth & Planetary Sciences: http://www.soest.hawaii.edu/GG/academics/gg_phd.html

Massachusetts Institute of Technology (MIT)

- Certificate Programs
 - Innovation & Technology Professional Certificate: <https://professional.mit.edu/programs/certificate-programs/professional-certificate-program-innovation-technology>
 - Graduate Certificate in Aerospace Innovations: <https://aeroastro.mit.edu/education/certificate-in-aerospace-innovation/>
 - Machine Learning & Artificial intelligence Professional Certificate: <https://professional.mit.edu/programs/certificate-programs/professional-certificate-program-machine-learning-artificial>
- Undergraduate Programs
 - BS/BA in Aerospace Engineering: <https://aeroastro.mit.edu/education/BS/BAuate-degrees-requirements/>
 - BS/BA in Earth, Atmospheric, & Planetary Sciences: <https://twelve.mit.edu/mitcourse12/major/>
- Graduate Programs
 - MBA that specializes in Aero/Astro Engineering: <https://lgo.mit.edu/engineering/aeronautics-and-astronautics/>
- Doctoral Programs
 - Masters and PhD in Aerospace Engineering: <https://aeroastro.mit.edu/education/graduate-degrees-requirements/>

- Masters and PhD in Earth, Atmospheric, and Planetary Sciences: <https://eapsweb.mit.edu/graduate-program/graduate-degree-programs>
- Interdisciplinary PhD in Aero/Astro and Statistics: <https://stat.mit.edu/academics/idps/idps-aeronautics-astronautics/>
- Cybersecurity Research at MIT Lincoln Labs: <https://www.ll.mit.edu/r-d/cyber-security-and-information-sciences>
- MIT Media Lab Space Exploration Initiative: <https://www.media.mit.edu/groups/space-exploration/overview/>
- MIT Space Propulsion Lab: <https://spacepropulsion.mit.edu/>

California Institute of Technology (Caltech)

- Certificate Programs
- Undergraduate Programs
 - BS/BA Minor in Aerospace: <https://galcit.caltech.edu/academics/ugrad>
 - BS/BA in Geological & Planetary Sciences: <https://www.gps.caltech.edu/academics/BS/BAuate-program/BS/BAuate-program-requirements/BS/BAuate-requirements-gps-major>
 - BS/BA in Astronomy: <https://www.astro.caltech.edu/academics/BS/BAuate-program>
- Graduate Programs
 - Masters & PhD in Space Engineering: https://galcit.caltech.edu/academics/grad_as
 - Masters in Geological & Planetary Sciences: <https://www.gps.caltech.edu/academics/graduate-program/masters-degree>
 - Graduate Planetary Science Research at JPL: <https://www.jpl.nasa.gov/>
 - Masters in Astronomy/Astrophysics: <https://www.astro.caltech.edu/academics/graduate-program>
- Doctoral Programs
 - PhD in Geological & Planetary Sciences: <https://www.gps.caltech.edu/academics/graduate-program/doctoral-degree>