

“Energy security is achieved by utilizing sustainable sources that meet tactical, expeditionary, and shore operational requirements and force sustainment functions, and having the ability to protect and deliver sufficient energy to meet operational needs.”

—DEPARTMENT OF THE NAVY’S ENERGY PROGRAM
FOR SECURITY AND INDEPENDENCE (2010)



Energy Security Courses Contact Information

Dr. Daniel Nussbaum
EAG Chair

Phone: 831-656-2387
Mobile: 831-324-3228
danussba@nps.edu

Alan Howard
EAG Deputy Chair

Phone: 831-656-3855
Mobile: 831-264-3731
arhoward@nps.edu



For more information about
the Energy Academic Group,
visit nps.edu/energy

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Naval Postgraduate School
Energy Academic Group

ENERGY SECURITY COURSES



ENERGY ACADEMIC GROUP
NAVAL POSTGRADUATE SCHOOL



ENERGY SECURITY COURSES

The Energy Academic Group (EAG) brings together an interdisciplinary group of Naval Postgraduate School (NPS) faculty along with subject matter experts from industry, academia, military, and government to create energy education courses tailor-made for U.S. and international military audiences. These courses are offered in residence at the NPS campus in Monterey, California and worldwide by mobile training teams. Courses range from one day to two weeks depending upon the desired learning objectives. EAG utilizes current instructional technologies to design and develop courses, certificates, degrees, and instructional environments that meet the needs of our sponsors.

Our Courses

EAG's energy security courses raise awareness of the criticality of energy's role in national security and the fragility and vulnerabilities of operational energy in military operations—operational energy being the energy required to train, move, and sustain military forces and weapons platforms for military operations.

Our courses educate leaders and planners on how to shape energy strategies, policies, and plans that incentivize energy effectiveness, increase operational reach and endurance, enhance mobility and freedom of action, and reduce operational risk.



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Course participants learn how to:

- Analyze energy as a strategic security issue
- Analyze links between energy/conflict, energy/security, and energy/geopolitics
- Analyze the strategic importance of energy security from a regional perspective
- Assess critical energy infrastructure vulnerabilities and the cross-cutting nature of hybrid threats such as cyber and terrorist attacks on energy infrastructure
- Evaluate energy supply as a challenge in military operations
- Evaluate new technological solutions and their role in enhancing energy efficiency in the military
- Understand the importance of energy as a key enabler of operational capability as well as its potential to be a critical weakness

Learn More

Visit the EAG website at nps.edu/energy or contact one of the EAG faculty members listed . A full list of EAG faculty can be found on our website.

Potential course topics include:

- Energy security strategic overview
- Energy security in the supply chain
- Geopolitical energy issues
- Critical energy infrastructure protection
- Energy diversification
- Energy awareness and behavior change
- Energy economics
- The nexus of energy security and cyber-security
- Renewable energy at military bases and for the warfighter
- Energy logistics in warfare operations
- Case studies analyses
- Table top exercises / wargaming

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danussba@nps.edu

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arhoward@nps.edu