



# Naval Power Curriculum Development

Naval Postgraduate School – Energy Academic Group





# What is Naval Power Curriculum

- ONR sponsored effort lead by the Naval Postgraduate School's Energy Academic Group
- Goal: Develop open-source coursework designed to be used by any interested party (industry, academia, government, etc.) to improve workforce knowledge in shipboard power





# Why is a Naval Power Curriculum Needed?

- Shipboard power systems require unique knowledge and design considerations compared to terrestrial power systems
- Many of today's ship designs were completed by engineers who are retired – leaving a lessons-learned gap in today's workforce
- Universities may not have the student enrollment to justify power systems cohorts – much less shipboard specific cohorts





# Target Students

- Students for this curriculum should have a technical background – ideally a STEM undergraduate degree or equivalent.
- Shipbuilding industry and DOD employees who acquire, design, or oversee shipboard power system assets are ideal candidates
- Professional engineers continuing education





# Goal of the Naval Power Curriculum Development Team

- This team would like to lower the barrier of entry into shipboard power systems fields by creating a high quality readily available curriculum for those interested in pursuing careers in shipboard power systems.
- Develop small modules for professional education needs or compilation into larger content courses (flexibility is key).
- Develop a contact list of SME's and content creators who can assist in the curation of this professional education content.





We are available for further discussion for those interested!

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