

**MSES(EE) DL Special Program
open to Graduates of the Bettis Reactor Engineering School
with Electric Ship Power Systems Focus**

This MSES(EE) Degree Program offered via DL was designed to provide graduates of the Bettis Reactor Engineering School a solid theoretical foundation in electrical power conversion and electromechanical power conversion at the advanced level, complemented with electives in signal processing and control areas.

Students enrolled in the program may also receive the Electric Ship Power Systems (ESPS) *Academic Certificate* after completing the following four courses: EC3130, EC4130, EC3150, and EC4150.

- Q1: EC3130 – Electrical Machinery Theory
- Q2: EC4130 – Advanced Electrical Machinery Systems
- Q3: EC3150 – Solid State Power Conversion
- Q4: EC4150 – Advanced Solid State Power Conversion
- Q5: EC3410 – Discrete Time Random Signals
- Q6: EC4440 – Statistical Digital Signal Processing
- Q7: EC3310 – Optimal Estimation: Sensor and Data Association