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