

Curriculum - Nuclear Engineering, Certificate

Catalog Year: 2026 - 2027

College/School: [Ira A. Fulton Schools of Engineering](#)

Plan Code: ESNUENCERT

Requirement	Minimum grade	Credit hours
Students must complete 18 credit hours, including three credit hours of physics coursework and 15 additional credit hours of nuclear energy-related coursework. The required courses include a mentored capstone experience focused on nuclear power. A grade of "C" or better is required in all certificate courses.		
PHY 241 University Physics III or PHY 252 Physics III (SCIT)	C	3
EEE 460 Nuclear Power Engineering	C	3
EEE 462 Nuclear Proliferation, Security and Safeguards	C	3
EEE 463 Electrical Power Plants	C	3
EEE 488 Senior Design Laboratory I	C	3
EEE 489 Senior Design Laboratory II	C	3

Notes:

Prerequisite courses may be needed in order to complete the requirements of this certificate.

General Studies designations listed next to courses were valid for the 2026 - 2027 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.