Nuclear Engineering Minor

Program Description

The minor in Nuclear Engineering is designed to respond to the critical needs of the nuclear industry for a technical workforce. The Nuclear Engineering minor educates participating students in the Fundamentals of Nuclear Engineering, Nuclear Energy Conversion, Reactor Operation, and Radiation Detection and Protection. Graduates can seek career opportunities in the nuclear industry or pursue a graduate degree in Nuclear Engineering. The minor also provides a competitive edge for those who pursue opportunities outside the nuclear industry, because employers typically recognize the mission critical nature of the nuclear industry and value the discipline that accompanies this particular branch of engineering.

 This program is a part of the Southern Polytechnic College of Engineering and Engineering Technology.

Admission, Enrollment, and Graduation Policies

Admission Requirements

This program does not have specific admission requirements and only admission to Kennesaw State University is required. For more information, please visit the Admissions section of the catalog.

Graduation Requirements

Each student is expected to meet the requirements outlined in the Academic Policies: 5.0 PROGRAM REQUIREMENTS & GRADUATION.

Program Course Requirements

Required Course (3 Credit Hours)

- ENGR 3501: Fundamentals of Nuclear Engineering

Electives (12 Credit Hours)

Select four courses out of the following for 12 credit hours:

- ENGR 3502: Radiation Detection & Measurement
- ENGR 4501: Nuclear Power Generation
- ENGR 4502: Radiation Protection & Health Physics

- ENGR 4503: Nuclear Fuel Cycle
- ENGR 4504: Nuclear Reactor Simulation

Program Total (15 Credit Hours)