

Engineering Technology: Radiation Protection

Associate of Applied Science Degree

Program Overview:

The Radiation Protection Concentration offers students a unique opportunity to obtain high-tech and cutting-edge training that will prepare the graduate for any organization or business that handles radioactive substances to include advanced manufacturing, life sciences, research reactor, the nuclear power industry, hazardous waste removal companies, and government agencies. This concentration will also provide students a broad education in engineering technology fundamentals such as computer tools and applications, engineering drawings, and analysis of mechanical systems.

How Much Can I Earn?

National Annual Mean Wage: \$42,190
(Bureau of Labor Statistics, May 2007)
Tennessee Annual Mean Wage: \$51,300
(Bureau of Labor Statistics, May 2007)

What Will I Do On The Job?

Radiation protection technicians monitor radiation levels at nuclear power plants to protect personnel, facilities, and the surrounding environment from contamination. They use radiation detectors to measure levels in the environment and dosimeters to measure the levels present in people and objects. Radiation protection technicians also are responsible for setting up and testing instruments that monitor radiation levels remotely. They use the data collected by these instruments to map radiation levels throughout the plant and the surrounding environment. From their findings, they recommend radioactive decontamination plans and safety procedures for personnel.

Possible Job Titles:

Radiation Protection Technician, Health Physics Technician, Industrial Hygiene Technician and Nuclear Power Plant Operations

Who Will Hire Me?

Chattanooga State graduates work for such organizations as: Memorial Hospital, Parkridge Medical Center, North Park Hospital, Maxim Healthcare Services and Erlanger

Need More Information?

www.bls.gov ▪ tcids.tbr.edu/index.html

Career Services & Counseling Center

Student Center Room 137 ▪ 423-697-4421