

## Engineering Technology: Nuclear Power Engineering Technology

### Associate of Applied Science Degree

#### Program Overview:

This program prepares students with the knowledge to assist nuclear physicists, nuclear engineers, or other scientists in laboratory or production activities. May operate, maintain, or provide quality control for nuclear testing and research equipment. May monitor radiation.

#### How Much Can I Earn?

\$55,730 - \$96,480

\*wages and salary data provided by the Bureau of Labor Statistics, Tennessee Department of Labor

#### What Will I Do On The Job?

Nuclear Power Engineering Technicians operate nuclear test and research equipment, monitor radiation, and assist nuclear engineers and physicists in research. Some also operate remote-controlled equipment to manipulate radioactive materials or materials exposed to radioactivity. Conduct research on nuclear engineering projects or apply principles and theory of nuclear science to problems concerned with release, control, and use of nuclear energy and nuclear waste disposal.

#### What Skills Will I Use On The Job?

It helps to be an active listener, have strong analytical skills (Operational and systematic), reading comprehension and communication skills. Other skills you would need for this job are the ability to write effectively, solve complex problems, and think critically.

#### Possible Job Titles:

Engineer, Nuclear Engineer, Nuclear Reactor Engineer, Nuclear Licensing Engineer, Nuclear Design Engineer, System Engineer, Resident Inspector, Scientist, Criticality Safety Engineer, Generation Engineer

#### Who Will Hire Me?

Top industries for Nuclear Power Engineering Technology are Utilities and Professional, Scientific, and Technical Services

#### Need More Information?

[www.bls.gov](http://www.bls.gov) ▪ [tcids.tbr.edu/index.html](http://tcids.tbr.edu/index.html)

#### Career Services & Counseling Center

Student Center Room 137 ▪ 423-697-4421