



Nuclear Technology Quality Control

Associate of Applied Science Degree Option



This program was developed cooperatively by Linn State Technical College, the University of Missouri Research Reactor and Nuclear Industry Partners.

Courses of Study

General Education Requirements
(Minimum of 19 semester credit hours)

Core Requirements

Time Management (1)
Basic Nuclear Math and Theory (3)
Reactor Plant Components (2)
Basic Reactor Safety, Theory, and Operations (4)
Piping and Instrumentation Drawings (2)
Internship (4)
Introduction to Electricity (4)
Mechanical and Fluid Power Transmission (3)
Technical Writing (3)
Job Search Strategies (1)

Program Requirements

Machine Shop Fundamentals (4)
Blueprint Reading, Metrology and Calibration (2)
Codes, Standards and Regulations (2)
Preventive and Corrective Actions (2)
Advanced Measurement, Testing and Materials (4)
Quality Audits (2)

High Demand

Quality control technicians and non-destructive examination inspectors are in high demand and are vital to the nuclear safety performance of current and future commercial nuclear power plants. Other sectors of the nuclear industry that employ quality control technicians include national laboratories, academic institutions, and manufacturers.



A+ Eligible College
Linn • Jefferson City • Mexico

High Salary

The average annual starting salary of recent Linn State Technical College Nuclear Technology program graduates is \$48,544. According to 2007 occupational employment and wage estimates for the U.S. Department of Labor, Bureau of Labor Statistics, the mean annual salary for nuclear technicians in Missouri is \$64,880.

Curriculum

The Quality Control Option meets the stringent qualifications demanded by:

- The American Society of Mechanical Engineers (ASME)
- Boiler and Pressure Vessel (B&PV) codes
- The American National Standards Institute (ANSI) standards for construction and operation

Second year students participate in an eight-week internship at an approved industry site.

Linn State Technical College offers this program option through the Advanced Technology Center (ATC) in Mexico, Missouri. For more information contact an admissions representative today at 573.897.5000 or call the ATC at 573.582.0817.