

# COURSES

## INDUSTRIAL SCIENCE

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### **ISC-112 Industrial Safety**

**Lec 2 Lab 0 Clinic 0 Credit 2**

This course introduces the principles of industrial safety. Emphasis is placed on industrial safety and OSHA regulations. Upon completion, students should be able to demonstrate knowledge of a safe working environment and OSHA compliance.

**Co-Requisites:** None

**Pre-Requisites:** None

**Competencies:** Describe and identify safety practices required to perform various job-related activities. Describe the application of OSHA procedures and requirements for compliance.

### **ISC-220 Lean Manufacturing**

**Lec 2 Lab 2 Clinic 0 Credit 3**

This course introduces students to the concept of lean manufacturing as a means of waste reduction. Topics include the examination of manufacturing operations and the incorporation of lean techniques to reduce waste, cost, time, and materials in manufacturing processes. Upon completion, students should be able to demonstrate an understanding of lean manufacturing systems and how they benefit the environment and business.

**Co-Requisites:** None

**Pre-Requisites:** None