

# CONSTR/UTILITIES/ENERGY/ SAFETY (CUES)

## CUES C100C 2 Units (36 lecture hours)

### Introduction: Construction Industry

**Grading Mode:** Standard Letter, Pass/No Pass

**Transfer Credit:** CSU.

This course covers orientation and industry awareness, construction trade awareness, heritage of the American worker, diversity in the construction industry, and sexual harassment. This course highlights content aligned with industry and nationally recognized Multi-Craft Curriculum and Certificates. Graded or Pass/No Pass option.

## CUES C100U 2 Units (36 lecture hours)

### Introduction: Utilities Sector Infrastructure

**Grading Mode:** Standard Letter, Pass/No Pass

**Transfer Credit:** CSU.

This course is an introduction to the utilities sector infrastructure including water, gas and electric. This course highlights content aligned with industry and nationally recognized Multi-Craft Curriculum and Certificates. Graded or Pass/No Pass option.

## CUES C101C 2 Units (36 lecture hours)

### Basic Construction Math

**Grading Mode:** Standard Letter, Pass/No Pass

**Transfer Credit:** CSU.

This course covers basic math skills related to the construction trades and demonstrates how they apply to the trades. Covers multiple systems of measurement, decimals, fractions, and basic geometry and the opportunity to practice mathematical tasks related to construction activities. Graded or Pass/No Pass option.

## CUES C101U 2 Units (36 lecture hours)

### Introduction: Water Utility Sector

**Grading Mode:** Standard Letter, Pass/No Pass

**Transfer Credit:** CSU.

This course is an introduction to the water utility sector concerning, water science, hydraulics, hazards, quality, and distribution. Specific safety information related to Lock-Out/Tag-out, proper protective equipment, and biological and chemical safety issues. This course highlights content aligned with industry and nationally recognized Multi-Craft Curriculum and Certificates. Graded or Pass/No Pass option.

## CUES C102C 2 Units (36 lecture hours)

### Construction Safety Awareness

**Grading Mode:** Standard Letter, Pass/No Pass

**Transfer Credit:** CSU.

This course covers the safety and health hazards associated with confined space hazards, fall hazard awareness, lock out/tag out, and managing excavation standards in the construction industry. Graded or Pass/No Pass option.

## CUES C102U 2 Units (36 lecture hours)

### Introduction: Gas Utility Sector

**Grading Mode:** Standard Letter, Pass/No Pass

**Transfer Credit:** CSU.

This course is an introduction to the gas utility sector concerning gas principles, transmission, distribution, and meter service. Specific safety information related to confined-space and hazardous-safety issues. This course highlights content aligned with industry and nationally recognized Multi-Craft Curriculum and Certificates. Graded or Pass/No Pass option.

## CUES C103C 2 Units (36 lecture hours)

### Construction Health and Safety

**Grading Mode:** Standard Letter, Pass/No Pass

**Transfer Credit:** CSU.

This course covers general health and safety regulations, lead and asbestos awareness, heat illness prevention, and job readiness. This course highlights content aligned with industry and nationally recognized Multi-Craft Curriculum and Certificates. Graded or Pass/No Pass option.

## CUES C103U 2 Units (36 lecture hours)

### Introduction: Electric Utility Sector

**Grading Mode:** Standard Letter, Pass/No Pass

**Transfer Credit:** CSU.

This course is an introduction to the electric utility sector concerning power and energy, three-phase power, transmission, and distribution. Specific safety information related to lock-out/tag-out, proper protective equipment, and safety issues. This course highlights content aligned with industry and nationally recognized Multi-Craft Curriculum and Certificates. Graded or Pass/No Pass option.

## CUES C281 1 Unit (60-75 other hours)

### Work Based Learning

**Grading Mode:** Standard Letter, Pass/No Pass

**Transfer Credit:** CSU.

Work Based Learning enhances a participant's opportunity for success in the field of Construction, Utilities, Energy, and Safety bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal in Construction, Utilities, Energy, and Safety. Note: 75 hours of paid work or 60 hours of non-paid work in a field related to Construction, Utilities, Energy, and Safety for each one-semester credit is required. Student must be enrolled in a total of 7 units including Work Based Learning. Graded or Pass/No Pass option.

## CUES C282 2 Units (120-150 lecture hours)

### Work Based Learning

**Grading Mode:** Standard Letter, Pass/No Pass

**Transfer Credit:** CSU.

Work Based Learning enhances a participant's opportunity for success in the field of Construction, Utilities, Energy, and Safety bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal in Construction, Utilities, Energy, and Safety. Note: 75 hours of paid work or 60 hours of non-paid work in a field related to Construction, Utilities, Energy, and Safety for each one-semester credit is required. Student must be enrolled in a total of 7 units including Work Based Learning. Graded or Pass/No Pass option.

**CUES C283 3 Units (180-225 lecture hours)**

**Work Based Learning**

**Grading Mode:** Standard Letter, Pass/No Pass

**Transfer Credit:** CSU.

Work Based Learning enhances a participant's opportunity for success in the field of Construction, Utilities, Energy, and Safety bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal. Note: 75 hours of paid work or 60 hours of non-paid work in a field related to Construction, Utilities, Energy, and Safety for each one-semester credit is required. Student must be enrolled in a total of 7 units including Work Based Learning. Graded or Pass/No Pass option.

**CUES C284 4 Units (240-300 lecture hours)**

**Work Based Learning**

**Grading Mode:** Standard Letter, Pass/No Pass

**Transfer Credit:** CSU.

Work Based Learning enhances a participant's opportunity for success in the field of Construction, Utilities, Energy, and Safety bridging the gap between educational theory and on-the-job practices through individualized performance objectives related to the student's career or occupational goal. Note: 75 hours of paid work or 60 hours of non-paid work in a field related to Construction, Utilities, Energy, and Safety, for each one-semester credit is required. Student must be enrolled in a total of 7 units including Work Based Learning. Graded or Pass/No Pass option.