

CLASS DESCRIPTIONS

Advanced Grade Checking | 80hr GRD.A

Civil plan reading, advanced grade computations, horizontal and vertical curves, super elevated curves, volume computations, and line and grade for pipe.

Prerequisites: Intermediate Grade Checking

Asbestos Abatement | 40hr ASB.W

In class and hands on training in the remediation techniques and safety used in abatement. *Training does not include license and fees. Students who successfully complete course purchase license.

Prerequisites: N/A

Renewal: 8 hr. Annual Renewal

Basic Grade Checking | 40hr GRD.B

General grade checking knowledge and is the first step for members interested in pursuing a career in the civil construction industry.

Prerequisites: Construction Math

CESCL | 16hr GEN.SWPPP

Erosion and sedimentation processes, the regulatory requirements, Storm Water Pollution Prevention Plans, Best Management Practices, inspection, record-keeping, and cold climate challenges.

Prerequisites: B.A. recommendation

Coating | 64hr COAT

Encompasses the utilization of the CCSI machine and other techniques to apply FBE coating and other paint applications.

Prerequisites: Hazardous paint certification, and medical questionnaire prior to enrollment

Adhesive Anchor Installer Certification | 40hr CONACIF

Principles and techniques of horizontal, vertical and overhead concrete anchoring using the latest industry standards pertaining to ACI (American Concrete Institute).

Prerequisites: Construction field experience, BA recommendation

Concrete / Sack-n-Patch | 40hr CONCR.PR

Principles of concrete placement and various products used for patching and beautifying concrete.

Prerequisites: N/A

Construction Math | 24hr CONMATH

Reading a tape measure, inches and engineers rule, basic arithmetic as well as fractions and decimals and how they apply to the construction industry for laborers.

Special Note: Required for all apprentices, Test out available

Intro to Drilling | 80hr DRLIN

A heavy emphasis on machine operation, site layout, and safety/hazard recognition.

Prerequisites: Current MSHA card, Construction Math, and Basic Grade

Fencing | 40hr FEN.C

Fencing techniques, guardrail, and safe equipment operation in line with the AFA (American Fence Association).

Prerequisites: N/A

First Aid / CPR | 8hr FIRST.C

Certify students in techniques used in First Aid/CPR as specified by NSC (National Safety Council).

Prerequisites: N/A

Renewal: Bi-annual Renewal

Flagging | 8hr FLAG

Basic legal background of traffic control, proper standardized techniques for flagging and current applications in the state of Alaska for ATSSA Flagger certification.

Prerequisites: N/A

Renewal: 8 hr. 3 year Renewal

Union Flagging | 24hr FLAG.UN

Training includes setting up traffic patterns, device management and interacting with the public Includes ATSSA Flagger Certification.

Prerequisites: N/A

Renewal: 8 hr. 3 year Renewal

Foreman Preparedness | 40hr FORE

Introduction to construction supervision, communication, problem solving and record keeping for construction supervisors.

Prerequisites: Construction field experience, BA recommendation

Form Building | 80hr FORM.W

Various types of forms and forming systems used in concrete placement as well as structural steel erection and wood working.

Prerequisites: Construction Math

Special Note: Required Apprentice Class

General Construction | 120hr GENCON

This course is designed to expose and assess students in various jobs that a Construction Craft Laborer will perform.

Prerequisites: Selected for Apprenticeship

GPS Surface Modeling | 40hr GPS.M

Instruction for Grade Checkers in the development of surface models using computer aided design software.

Prerequisites: GPS

GPS | 40hr GPS

Hands on course designed to familiarize Grade Checkers with GPS set up and field usage.

Prerequisites: Advanced Grade, BA recommendation

Hand Signal/Voice Command | 24hr SIGNAL.H

Industry standards in hand signaling, voice command, and basic rigging.

Prerequisites: N/A

Hazardous Paint Certification | 16hr PAINT.C

Safety and health orientation for application of hazardous paints.

Prerequisites: Willing to work in Hazardous paint/Coating

Renewal: 8 hr. 3 year Renewal

Hazardous Waste Worker | 40hr HAZW

Safety and health orientation for containment and cleanup of hazardous waste pertaining to CFR 1910.120.

Prerequisites: N/A

Renewal: 8 hr. annual Renewal

HDPE Pipe Fusion | 24hr HDPE.F

Safety operational procedures, component recognition, and maintenance of small and medium diameter pipe using McElroy Fusion Machines.

Prerequisites: Pipe Laying

Hoisting & Rigging 40hr HOIST.RIG

Rigging techniques, including safety, inspection, correct rigging selection, and weight calculations.

Prerequisites: Construction Math

Intermediate Grade Checking | 80hr GRD.I

Slope staking, jump stakes, calculating grades and offsets, material depths and culverts.

Prerequisites: Basic Grade Checking

Intro to Pipe | 40hr PIPE.INT

Introduction to water, sewer, and storm drain appurtenances and operations.

Prerequisites: N/A

Special Note: Apprentice Only

Mechanical Insulation | 120hr PIPE.I

Training includes shaping and molding of fiberglass insulation, use of metal fabrication tools and drafting techniques for various layouts.

Prerequisites: Construction Math

MSHA | 24hr MINE.S

Designed to allow members to perform work in the mining industry under subpart 48. Crusher and gravel pit safety procedures and First Aid/CPR is included in instruction.

Prerequisites: N/A

Renewal: 8 Hr. Annual Renewal

NSTC | 8hr PIPELIN

Introduction to safety procedures while working in the pipeline industry.

Prerequisites: N/A

Renewal: Varies

OSHA | 10hr OSHA10

Introduction to OSHA standards, safety procedures, and regulations in 29 cfr 1926.

Prerequisites: N/A

Pipe Laying | 80hr PIPE

Water, sewer and storm drain assembly and installation.

Prerequisites: Construction Math

Pipeline Construction | 120hr PIPECON

Provide students with skills necessary to work in the Trans-Alaska Pipeline industry.

Prerequisites: Apprentice

Pipeline Insulation | 80hr PIPE.IN

Focus on math and layout of Trans-Alaska Pipeline insulation, installation, and safe equipment operation.

Prerequisites: Construction Math

Rough Terrain Forklift | 16hr FORK

Safety, inspection, and operation of Rough Terrain Fork-lift.

Prerequisites: N/A

Renewal: 3 yr. Renewal

Intro to Scaffolding | 24hr SCAF.IN

Introduction to Frame, Tube & Clamp, Systems and safety regulations.

Prerequisites: N/A

Scaffolding | 40hr SCAF

Frame, Tube & Clamp, Systems and safety regulations.

Prerequisites: N/A

Site Building/Plan Reading | 24hr SITEREAD

Attain a working knowledge of structural, architectural, and civil drawings. An understanding of different types of views and line work used in plan sets and methods for finding details and entities as well as layout.

Prerequisites: Construction Math

SWPPP | 8hr SWPPP

Set up and maintenance of SWPPP devices and procedures.

Prerequisites: Construction Math

Traffic Control Technician (TCS) | 16hr HGHWZ.TCS

Review the basic and advanced methods of Temporary Traffic Control in work zones and provide certification through IMSA.

Prerequisites: Contractor letter and B.A. recommendation.

Renewal: 4 hr. 3 year Renewal

Special Note: IMSA Certificate name has been changed.

Computer Aided Traffic Control Design | 24hr TFC.GFX

Computer training program teaching the drawing of traffic control plans in electronic format; basic legal and liabilities background of traffic control, proper standardized typicals and applications in the state of Alaska.

Prerequisites: Traffic Control Technician

Classes for 2017

No, you're not missing a page of the schedule. To reduce schedule changes and unavoidable errors in the training schedule it has been decided to produce two training schedules. Our Spring 2017 training schedule will be issued in December of 2016. This helps us better schedule training in correspondence to what Alaska's job demand is. If any changes are made to the current schedule it will be listed on our website www.aklts.org and on our Facebook page.

Renewals of Industry Certifications

Check your certifications and know when they expire. There are many industry required certifications that are needed. Make sure you have all the certifications needed to go to work!

Asbestos Abatement 8 hour renewal annually
\$100/yr. State License required to work

Hazardous Waste 8 hour renewal annually

MSHA 8 hour renewal annually

First Aid / CPR 8 hour renewal every 2 years

Hazardous Paint 8 hour renewal every 3 years

Flagging 8 hour renewal every 3 years

Rough Terrain Forklift 8 hour renewal every 3 years

CESCL 8 hour renewal every 3 years

Traffic Control Tech 8 hour renewal every 3 years