# CONTREN
National Center for Construction Education and Research (NCCER)
(Updated October 2011)

## ALTERNATIVE ENERGY

## BOILERMAKING
Boilermaking: Level 1, Trainee Guide, 2/e
Boilermaking: Level 2, Trainee Guide, 2/e

## CARPENTRY
Cabinetmaking: Trainee Guide, 2/e
Carpentry Fundamentals: Level 1, Trainee Guide, 4/e
Carpentry Framing and Finishing: Level 2, Trainee Guide, 4/e
Carpentry Forms: Level 3, Trainee Guide, 4/e
Carpentry Advanced: Level 4, Trainee Guide, 4/e

## CONSTRUCTION CRAFT LABORER
Construction Craft Laborer: Level 1, Trainee Guide, 1/e
Construction Craft Laborer: Level 2, Trainee Guide, 1/e

## CORE CURRICULA

## CREW LEADER
Fundamentals of Crew Leadership: Participant Guide, 2/e

## DRYWALL
Drywall: Level 1, Trainee Guide, 1/e
Drywall: Level 2, Trainee Guide, 1/e

## ELECTRICAL
Electrical: Level 1, 2011 NEC® Revision, Trainee Guide, 7/e
Electrical: Level 2, 2011 NEC® Revision, Trainee Guide, 7/e
Electrical: Level 1, 2008 NEC® Revision, Trainee Guide, 1/e
Electrical: Level 2, 2008 NEC® Revision, Trainee Guide, 1/e
Electrical: Level 3, 2008 NEC® Revision, Trainee Guide, 1/e
Electrical: Level 4, 2008 NEC® Revision, Trainee Guide, 1/e
Managing Electrical Hazards: Trainee Guide, 1/e

## ELECTRONIC SYSTEMS TECHNICIAN
Electronic Systems Technician: Level 1, Trainee Guide, 3/e
Electronic Systems Technician: Level 4, Trainee Guide, 1/e

## HEAVY EQUIPMENT OPERATIONS
Heavy Equipment Operations: Level 1, Trainee Guide, 2/e
Heavy Equipment Operations: Level 2, Trainee Guide, 2/e
Heavy Equipment Operations: Level 3, Trainee Guide, 2/e
Highway/Heavy Construction Trainee Guide, 1/e

## HVAC
HVAC: Level 1, Trainee Guide, 3/e
HVAC: Level 2, Trainee Guide, 3/e
HVAC: Level 3, Trainee Guide, 3/e
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## INDUSTRIAL MAINTENANCE
Industrial Maintenance Electrical and Instrumentation Technician: Level 1, Trainee Guide, 3/e
Industrial Maintenance Electrical and Instrumentation Technician: Level 2, Trainee Guide, 3/e
Industrial Maintenance Electrical and Instrumentation Technician: Level 3, Trainee Guide, 3/e
Industrial Maintenance Electrical and Instrumentation Technician: Level 4, Trainee Guide, 3/e
Industrial Maintenance Mechanic: Level 1, Trainee Guide, 3/e
Industrial Maintenance Mechanic: Level 2, Trainee Guide, 3/e

**INSTRUMENTATION**
Instrumentation: Level 1, Trainee Guide, 2/e
Instrumentation: Level 2, Trainee Guide, 2/e
Instrumentation: Level 3, Trainee Guide, 2/e
Instrumentation: Level 4, Trainee Guide, 2/e

**IRONWORKING**
Ironworking: Level 1, Trainee Guide, 2/e
Ironworking: Level 2, Trainee Guide, 2/e

**MANAGEMENT**
Project Management: Participant Guide, 2/e
Project Supervision: Participant Guide, 1/e

**MASONRY**
Masonry: Level 1, Trainee Guide, 3/e
Masonry: Level 2, Trainee Guide, 3/e
Masonry: Level 3, Trainee Guide, 3/e

**MILLWRIGHT**
Millwright: Level 1, Trainee Guide, 3/e
Millwright: Level 2, Trainee Guide, 3/e
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**MOBILE CRANE OPERATIONS**
Mobile Crane Operations: Level 1, Trainee Guide, 2/e
Mobile Crane Operations: Level 2, Trainee Guide, 2/e
Mobile Crane Operations: Level 3, Trainee Guide, 2/e

**PIPEFITTING**
Pipefitting: Level 1, Trainee Guide, 3/e
Pipefitting: Level 2, Trainee Guide, 3/e

**PLUMBING**
Plumbing: Level 1, Trainee Guide, 3/e
Plumbing: Level 2, Trainee Guide, 3/e

**POWER GENERATION**
Introduction to the Power Industry: Trainee Guide, 1/e
Power Line Worker: Level 1, Trainee Guide, 1/e

**RIGGING/SIGNAL PERSON**
Advanced Rigger: Trainee Guide, 1/e
Basic Rigger: Trainee Guide, 2/e
Intermediate Rigger: Trainee Guide, 1/e
Signal Person Trainee Guide, 1/e

**SAFETY**
Field Safety: Participant Guide, 1/e
Safety Technology: Participant Guide, 1/e
SHEET METAL
Sheet Metal: Level 1, Trainee Guide, 3/e
Sheet Metal: Level 2, Trainee Guide, 3/e
Sheet Metal: Level 3, Trainee Guide, 3/e
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SITE LAYOUT
Site Layout: Level 1, Trainee Guide, 1/e
Site Layout: Level 2 Trainee Guide, 1/e

SOLAR POWER/PHOTOVOLTAICS
Introduction to Solar Photovoltaics: Trainee Guide, 1/e

SPRINKLER FITTER
Sprinkler Fitting: Level 1 Trainee Guide, 2010 NFPA Code Update, 2/e

SUSTAINABLE CONSTRUCTION
Sustainable Construction Supervisor: Trainee Guide, 1/e
Your Role in the Green Environment: Trainee Guide Update, 1/e

TOWER CRANE OPERATOR
Tower Crane Operator: Trainee Guide, 1/e

WEATHERIZATION
Building Auditor Level 2 Trainee Guide, 1/e
Introduction to Weatherization: Trainee Guide, 1/e
Weatherization Crew Chief: Level 2 Trainee Guide, 1/e
Weatherization Technician: Level 1, Trainee Guide, 1/e

WELDING
Advanced Topics in Welding – Aluminum: Trainee Guide, 4/e
Welding: Level 1, Trainee Guide, 4/e
Welding: Level 2, Trainee Guide, 4/e
Welding: Level 3, Trainee Guide, 4/e

WIND ENERGY
Intro to Wind Energy: Trainee Guide, 1/e
Wind Turbine Maintenance Technician: Level 1 Volume 1, Trainee Guide, 1/e