



Eastern Atlantic States

CARPENTERS TECHNICAL CENTERS

DEPARTMENT OF CONTINUING EDUCATION AND WEBSITE DEVELOPMENT

Specialty Programs Catalog

Philadelphia Training Center

10401 Decatur Road
Philadelphia, PA 19154

Allentown IRC

1818 Vultee Street
Allentown, PA 18013

New Castle IRC

620 Wilmington Road
New Castle, DE 19720

Georgetown IRC

21420 Vaughn Road
Georgetown, DE 19947

Edison Branch

75 Fieldcrest Ave
Edison, NJ 08837

Hammonton Branch

3300 South White Horse Pike
Hammonton, NJ 08037

**Carpenters Diver Training
Center (Dive School)**

1500 Liberty Place
Sicklerville, NJ 08081

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Continuing Education GWO Program

Working at Heights

Course Description: The aim of this module is to enable the participants, through theoretical and practical training, to use basic personal protective equipment, work safely at height and perform comprehensive basic rescue from height in a remote wind turbine environment. This course is not designed to test the participants' capability and aptitude for working at height, i.e. It is not a test for fear of heights. This class will always be taught the first 2 days of training.

16 hours

Class Min: 6 **Class Max:** 12

Class Prerequisites:

Expiration (years): 2 **Expiration Date Rules:** 2 years of the completion date

Course Code: WAH

Sea Survival

Course Description: This class is held at the dive center in Sicklerville, NJ. The aims of this module are, by theoretical and practical training, to give the participants the ability to act safely and responsibly and to take the correct preventive actions in all aspects of offshore operations from shore to installation vessel (or WTG) and vice versa. This is both during normal operations and in an offshore wind energy environment emergency. 8 hours

Class Min: 6 **Class Max:** 12

Class Prerequisites:

Expiration (years): 2 **Expiration Date Rules:** 2 years of the completion date

Course Code: SS

Fire Awareness

Course Description The aim of this module is to enable the participants to prevent fires, make appropriate judgements when evaluating a fire, manage evacuation of personnel and ensure all are safely accounted for in the event of an unmanageable fire. If the incident is judged to be safe, the participants should be able to efficiently extinguish an initial fire by using basic handheld firefighting equipment. 4 hours

Class Min: 6 **Class Max:** 12

Class Prerequisites:

Expiration (years): 2 **Expiration Date Rules:** 2 years of the completion date

Course Code: FAW

Manual Handling

Course Description: The aim of this module is to reduce the risk of musculoskeletal injuries for wind technicians in the wind industry and enable participants to perform their tasks and activities in the safest possible way when working in a wind turbine environment. **2.5 hours**

Class Min: 6 **Class Max:** 12

Class Prerequisites:

Expiration (years): 2 **Expiration Date Rules:** 2 years of the completion date

Course Code: MH

First Aid

Course Description: The aim of the BST First Aid Module is to enable participants, through theoretical and practical training, to recognize signs and symptoms of life threatening situations and administer safe and effective first aid in the wind turbine industry/WTG environment to save lives and prevent further injury, until the casualty can be handed over to the next level of care. **8 hours**

Class Min: 6 **Class Max:** 12

Class Prerequisites:

Expiration (years): 2 **Expiration Date Rules:** 2 years of the completion date

Course Code: FA

Continuing Education Eastern District Program

ED 101 Lagging and Drilling Tiebacks

Course Description: Participants learn standard industry procedures for drilling H-beams. The course includes hands-on skills-based training in the drilling of H-beams, proper installation of lagging, tie-backs and properly testing ties. Emphasis is on safe work practices with attention to industry recognized best practices and efficient work procedures. **8 hours**

Class Min: 7 **Class Max:** 16

Class Prerequisites:

Expiration (years): **Expiration Date Rules:**

ED 102 Drilled Shaft

Course Description: Participants learn to perform caisson drilling procedures. The course includes hands-on skills-based training in the installation of mini-pile, micro-pile and helical anchors. Emphasis is on safe work practices with attention to industry recognized best practices and efficient work procedures. **8 hours**

Class Min: 7 **Class Max:** 16

Class Prerequisites:

Expiration (years): **Expiration Date Rules:**

ED 103 Marine Construction

Course Description: Participants will be introduced to the tools and materials used in marine construction. This course will include hands on, skills-based training in the use of Vessels and floating platforms used in a marine construction environment as well as boater safety and engine maintenance. Emphasis is on safe work practices with attention to industry recognized best practices and efficient work procedures. **8 hours**

Class Min: 7 **Class Max:** 16

Class Prerequisites:

Expiration (years): **Expiration Date Rules:**

ED 104 Bridge Abutment Project

Course Description: Participants learn standard procedures for the execution of a bridge abutment project. The course includes hands-on skills-based training in the installation of sheet pile, pipe pile and introduces basic concrete formwork. Emphasis is on safe work practices with attention to industry recognized best practices and efficient work procedures. **8 hours**

Class Min: 7 **Class Max:** 16

Class Prerequisites:

Expiration (years): **Expiration Date Rules:**

ED 105 Heavy Highway Concrete

Course Description: Participants will learn installation and removal of concrete forms typically used in Heavy and Highway construction. This course includes hands on skills-based training in the construction of EFCO plate girder system and various column forms. Emphasis is on safe work practices with attention to industry recognized best practices and efficient work procedures. **8 hours**

Class Min: 7 **Class Max:** 16

Class Prerequisites:

Expiration (years): **Expiration Date Rules:**

ED 106 Cofferdam Construction

Course Description: Participants learn to interpret site plans and perform project layout using Transit Level and basic math. The course includes hands-on skills-based training in the installation and removal of cofferdams and falsework. Introduces driving sheet pile to close a coffer dam. Emphasis is on safe work practices with attention to industry recognized best practices and efficient work procedures. **8 hours**

Class Min: 7 **Class Max:** 16

Class Prerequisites:

Expiration (years): **Expiration Date Rules:**

ED 107 Advanced Pile Driving

Course Description: Participants learn standard industry procedures for driving pile. The course includes hands-on skills-based training in the driving of H-beams, Wood, Pipe and Sheeting. Introduces splice preparation and setting. Emphasis is on safe work practices with attention to industry recognized best practices and efficient work procedures. **8 hours**

Class Min: 7 **Class Max:** 16

Class Prerequisites:

Expiration (years): **Expiration Date Rules:**

ED 108 Vertical Concrete Construction

Course Description: Participants will be introduced to the tools and materials used in wall form systems. This course will include hands-on skills-based training in several types of wall and gang forms as well as transit level and an introduction to rigging. Emphasis is on safe work practices with attention to industry recognized best practices and efficient work procedures.

8 hours

Class Min: 7 **Class Max:** 16

Class Prerequisites:

Expiration (years): **Expiration Date Rules:**

ED 109 Elevated Concrete Decks

Course Description: Participants will learn the installation and removal of formwork systems used in the construction of Elevated concrete decks. This course includes hands-on, skills-based training in print reading, concrete forms as well as builders' level and basic rigging. Emphasis is on safe work practices with attention to industry recognized best practices and efficient work procedures. 8 hours

Class Min: 7 **Class Max:** 16

Class Prerequisites:

Expiration (years): **Expiration Date Rules:**