



IRONWORKER QUALIFIED INSTRUCTOR CERTIFICATE PROGRAM

INTRODUCTION

Each year the National Ironworkers and Employers Apprenticeship Training and Journeyman Upgrading Fund (NIEATJUF) conducts instructor training activities. The majority of these activities are carried out during the annual instructor training program. In addition, some train-the-trainer courses are offered at one of the Regional Training Centers. The primary goal of these courses is to develop qualified instructors capable of implementing effective Ironworker apprenticeship training and journeyman upgrading programs.

In an effort to recognize trained instructors, the NIEATJUF is implementing a **Qualified Ironworker Instructor Certificate** program. The objective of this program is to recognize those Ironworker instructors who have completed specific professional and technical courses as part of the annual instructor training program.

The Ironworkers have a strong education and training system throughout the United States and Canada. The output of this system is a highly trained Ironworker able to meet the needs of our contractors and employers. This instructor certificate program complements the **Ironworker Apprenticeship Certification Program** (IACP) in that both will help strengthen the quality of our apprenticeship programs.

An effective Ironworker instructor is one who has up-to-date technical knowledge and skills and who is able to competently conduct classroom and hands-on or shop training sessions. This certificate program recognizes this combination of technical expertise and professional training skills by requiring that the instructor complete a series of courses in each of these areas.

During each annual instructor training program the participant is able to complete at least 40 hours of training. With over 40 professional and technical courses offered each year, the instructor is able to select those courses that will help him or her become a better instructor. In addition, there are some technical and professional train-the-trainer courses offered at the Regional Training Centers (RTC). Beginning in January of 2007 those RTC train-the-trainer courses completed during 2007 (and in subsequent years) will be considered for meeting the requirements for this certificate.

REQUIRED COURSES

In order to receive this certificate, the instructor must have completed the following courses:

A) Professional Courses (100 hours):

1. Principles of Instruction (PDC1 – 10 hours)
2. Instructional Planning (PDC2 – 10 hours)
 - Or, Instructional Planning & Delivery (PDC1&2 – 20hours)
3. Testing and Evaluation Strategies for Apprentice Development (PDC3 – 10 hours)
4. Communications Skills and Motivation Techniques (PDC4 – 10 hours)
5. Facilitation Skills for Ironworker Instructors (PDC10 – 20 hours)
 - Alternatively, previous completion of both PDC5-10 hours, AND PDC9-10 hours are acceptable
6. Illustrated Lectures and Technical Demonstrations (PDC6 – 10 hours)
7. Working with Learners with Special Needs (PDC7 – 20 hours)
8. LMS (CTC8-10 hours)

B) Technical courses (100 hours): Each year there are numerous technical courses that may count towards the required hours. Courses that are less than 20 hours will be counted as a 10-hour course, while any course 20 hours and over will be counted as a 20-hour course. The **max hours** per class allotted for this certificate will be **20 hours**.

1. Structural
2. Welding
 - Including CWI/CWB courses, Proof of passing CWI/CWB Certification must be submitted such as CWI/CWB certificate from AWS/CWB. No Certified Associate Welding Inspector (CAWI) will be accepted.
3. Ornamental
4. Reinforcing
5. Post-tensioning
6. Pre-engineered Metal Buildings
7. Operating Layout Instruments
8. History (SDC2)
9. Apprentice Tracking System (CTC4 or CTC4a)
10. Rigging and Cranes - MTC1 (Not EPRI or IICB unless they took the Proctor training IRSEA/IRSO)
11. Computer Technology (any CTC courses)
12. Safety/Train the Trainer courses:
 - a. Confined Space - TTT
 - b. Hazardous Waste Worker, 40 hr – TTT
 - c. OSHA 500 – TTT
 - d. OSHA 501 – General Industry TTT

- e. IW Fall Protection TTT:
 - i. Competent Person
 - ii. EM 385
 - iii. Wind Turbine

- 13. Lead/Silica – TTT
- 14. Insulated Metal Panel (IMP) - TTT
- 15. Scaffold - TTT
- 16. Advanced Layout and Total Station (either IW or Impact course)

GUIDELINES

- In order to meet the requirements to receive the certificate, the instructor must complete at least 200 total hours of training.
- The professional courses (100 hours) **must** include those listed above.
- The technical courses (100 hours) should be from those areas the instructor is expected to teach at the local union or use in development of classroom instruction.
- No course may be used more than once in order to be eligible to receive the certificate (i.e., if an instructor repeats a course, the course may only be counted once towards the certificate).
- There is no time limit on completing the requirements for this certificate. So courses completed in the past will count toward meeting the requirements of this certificate.
- Beginning in 2022 only the Train-The-Trainer courses (listed above under Technical Courses -100 hours) sponsored by the National Training Fund will count towards meeting the requirements of this certificate.

APPLICATION PROCESS

- 1. Access and print a copy of your transcript from the IWATS
- 2. Complete the certificate application.
- 3. Email your application and transcript to the Apprenticeship and Training Department to apprdept@iwintl.org

CERTIFICATE DESCRIPTION

Upon receipt, review and approval of the application, the instructor will receive a notification that the certificate will be given at the next instructor training program or the certificate may be mailed to the local union for presentation to the instructor.

The certificate will include the instructor's name and will indicate completion of the necessary courses to be considered a Qualified Ironworker Instructor. The certificate will be signed by the General President and will be suitable for framing.