

## 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 held at the University of San Diego. In addition, some train-the-trainer courses are offered at one or more of the three 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:

**Professional Courses (100 hours):** (Note that these courses are also required for the degree program with the National Labor College. As such, they are equivalent to a specific number of hours of college credit.)

- Principles of Instruction (PDC1 – 10 hours)
- Instructional Planning (PDC2 – 10 hours)
- Testing and Evaluation Strategies (PDC3 – 10 hours)
- Communications Skills and Motivation Techniques (PDC4 – 10 hours)
- Developing Instructional Media (PDC5 – 10 hours) (no longer offered) **OR**
- Facilitation Skills for Ironworker Instructors (PDC9 – 10 hours)
- Presenting Illustrated Lectures and Technical Demonstrations (PDC6 – 10 hours)
- Working with Learners with Special Needs (PDC7 – 20 hours)
- Teaching the History of the Ironworkers Union (SDC2 – 20 hours)

**Technical courses (100 hours):** Each year there are numerous technical courses that include but are not limited to the following:

- Structural
- Welding
- Ornamental
- Reinforcing
- Post-tensioning
- Pre-engineered metal buildings
- Safety
- Instruments
- Mine safety and health (MSHA)
- Rigging
- Computer applications
- History of the Ironworkers

## **GUIDELINES**

- In order to meet the requirements to receive the certificate, the instructor must complete at least 200 total hours of training. This will require approximately five years.

- 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.
- 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 2007, technical and professional train-the-trainer courses completed at the Regional Training Centers will count towards meeting the requirements of this certificate.

### **APPLICATION PROCESS**

1. Request a transcript of your courses from the Apprenticeship and Training Department.
2. Complete the certificate application.
3. Submit your application to the Apprenticeship and Training Department.

### **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 in San Diego 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.