

NON-DEGREE PROGRAMS

Additional OTJ training hours are also required for these non-degree programs.

Sign and Display Technician/Installer Program

Sign and Display craftspeople design, fabricate, construct, paint and install interior and exterior signage of all types. This includes lettering for windows and vehicles, plastic and neon signs, as well as for trade shows, office complexes, shopping plazas and other locations and for various purposes. Signs are crafted to meet the requirements of the customer using innovative and high-quality workmanship to create aesthetically pleasing signs made of materials such as metal, vinyl, glass, Plexiglas, wood, neon and plastic and learn to use state of the art equipment to perform such jobs as computerized letter fabrication, welding, neon bending, computer routed lettering, screen printing and more.

Sign and Display workers learning their trade through an apprenticeship program will receive relevant classroom training as well as on-the-job training and experience. The on-the-job training may include tasks such as cutting, painting, stenciling on various substrates as well as using tools and screen printing equipment, computer software, installation methods and other materials of the trade.

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Drywall Finisher – 2 year program

Drywall finishers (or tapers) prepare unfinished interior drywall panels for painting by taping and finishing joints and imperfections.

Drywall consists of a thin layer of gypsum between two layers of heavy paper; it is used on walls and ceilings in most buildings today because it is faster to apply than plaster and gives a professional finish when completed. Good math and communication skills are needed for these types of jobs.

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Certificate of Apprenticeship Programs

Recognized and Registered with the Department of Labor, students completing these programs will receive a Certificate of Apprenticeship in one of the following areas – Glazier, Glassworker, Coating Application Specialist, Drywall Finisher, or Commercial Painter.

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Coating Application Specialist-Certificate of Apprenticeship

Coating Application Specialists apply techniques to prepare substrates for coating and lining application. Techniques may include removal of rust, mill scale and previously applied hazardous coatings utilizing industry-specific tools and techniques. Industrial Specialists apply/install protective coatings and linings to steel and concrete on complex structures, such as bridges and towers; waterfront structures, such as locks and dam, metal and manufacturing facilities.

In today's environmentally-conscious culture, the Coating Application Specialist must also be careful to protect the environment surrounding the work site to ensure that hazardous debris such as lead-based paint and abrasive blasting media is properly contained and disposed of according to stringent federal, state and local regulations. This often requires the rigging of intricate containment systems and work platforms.

Students will learn to apply their theoretical knowledge and skills to the corrosion protection of steel and concrete on complex industrial structures through course work in Health and Safety Awareness for Application Specialists, surface preparation and coating materials properties, and application. Specialty application course work in plural component and thermal spray will further assist students in expanding their skills. Students will have their capabilities verified thru the IUPAT/FTI Industrial Coating and Lining Application Specialist Certification Program.

| Course Number | Course Name | Instructional Hours | Credits |
|----------------------|--|----------------------------|----------------|
| SFT110 | Safety in the Trades | 60 | 4 |
| CON100 | Intro to the trades | 30 | 2 |
| SFT210 | Health and Safety Awareness for the Industrial Applicator | 30 | 2 |
| CAS100 | Intro to Industrial Coatings | 15 | 1 |
| CAS141 | Corrosive Theory and Control | 40 | 3 |
| CAS142 | Surface Preparation I | 30 | 2 |
| CAS143 | Surface Preparation II | 45 | 3 |
| CAS241 | Spray Applications | 15 | 1 |
| CAS242 | Airless Spray Applications | 30 | 2 |
| CAS243 | Composition and Types | 15 | 1 |
| CAS245 | Quality Control and Assurance I | 45 | 3 |
| CAS290 | Special Topics in Industrial Coatings | 20 | 2 |
| CAS295 | Quality Control and Assurance II | 30 | 2 |
| CON120 | Internship 1 | 2000 | 5 |
| CON130 | Internship 2 | 2000 | 5 |
| CON140 | Internship 3 | 2000 | 5 |
| TOTAL | | 6405 | 43 |