

WHAT IS THE INTECH CENTER?

The Industrial Technical Learning Center (InTech Center) is a 33,000 square foot facility with seven classrooms, a computer lab, pre-engineering lab, electrical lab, and mechanical lab. Located in the newly renovated center on the California Steel Industries campus in Fontana, the InTech Center is designed to provide hands-on training to individuals that employers are looking for in the rapidly growing manufacturing industry.

Full- and part-time programs, both during the day and at night, are offered to accommodate individuals. While training is currently provided at no cost, certification testing fees and book costs may apply.

ATTEND A PROGRAM ORIENTATION & BEGIN YOUR NEW CAREER!

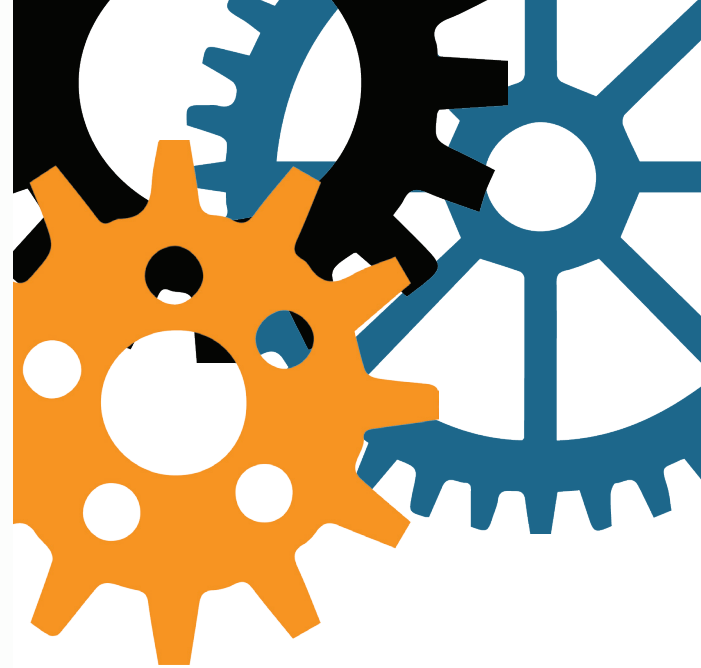
Register at www.intechcenter.org now!

First Thursday of the Month: 9 a.m.

Third Thursday of the Month: 3:30 p.m.

PLEASE BRING I-9 DOCUMENTATION TO ORIENTATION.

This project received \$6,632,881 (44% of total) from a grant awarded under the TAACCCT program as implemented by the U.S. Department of Labor. This project is an equal opportunity employer/program with auxiliary aids and services that are available upon request to individuals with disabilities.



GEARING TOWARDS A BRIGHTER FUTURE

INTECH
INDUSTRIAL TECHNICAL LEARNING CENTER

Chaffey  College

(909) 652-8488

www.intechcenter.org

9400 Cherry Avenue

Building A

Fontana, CA 92335

Located on the California Steel Industries property.

INTECH
INDUSTRIAL TECHNICAL LEARNING CENTER
**GEARING TOWARDS
A BRIGHTER FUTURE**

*Training Programs
2017*

Chaffey  College

PROGRAMS OFFERED

Tools for Success

Incorporated into the beginning of each program, Tools for Success allows individuals to receive vital soft skills that will help them succeed in their industry. Trainees will receive instruction on math, resume building, interview skills, basic communication skills, and basic employability skills.

AutoCAD

This program provides instruction to individuals about the computer-aided drafting program that will be used to create blueprints for industry-related products. AutoCAD works primarily for 2-D drafting and drawing. It will be offered as an Introduction and Intermediate class.

Automation & Process Control

This program prepares individuals to apply mathematical and scientific principles to the design, development, and operational evaluation of computer controlled electro-mechanical systems and products with embedded electronics, sensors, and actuators. This program includes, but is not limited to, automata, robots, and automation systems. It also includes instruction in mechanical engineering, electronic and electrical engineering, computer and software engineering, and control engineering. **This program is recognized by NCCER.**

Construction Generalist

This program prepares individuals to apply technical knowledge and skills to lay out, cut, fabricate, erect, install, and repair wooden structures and fixtures using hand and power tools. Individuals will be instructed in technical mathematics, framing, construction materials and selection, job estimating, blueprint reading, foundations and roughing-in, finish carpentry techniques, and applicable codes and standards.

Construction Helper - Limited English

This program is designed to be taught for those with limited English language abilities. Training generally prepares individuals to apply technical knowledge and skills in the building, inspecting, and maintaining of structures and related properties. Instruction will include masonry, carpentry, construction craft laborer skills, and concrete finishing skills. The trainer will be a bilingual journeyman to assist individuals in their success.

Forklift Training

This program provides trainees with skills required for entry into the successful operation of forklifts. Instruction will include basic safety training, OSHA for forklifts, pre-checks to operate a forklift, forklift simulation training, and hands-on forklift operation.

Heating, Ventilation and Air Conditioning

This program prepares individuals to apply technical knowledge and skills to repair, install, service, and maintain the operating condition of heating, air conditioning, and refrigeration systems. Individuals will receive instruction in diagnostic techniques, the use of testing equipment, and the principles of mechanics, electricity, and electronics.

This program receives NCCER certification.

Industrial Electrical

This program introduces trainees to the industrial electrical concepts and related topics commonly used in the industrial electrical and automation industry. Individuals will learn craft fundamentals, blueprint reading for industrial crafts, industrial controls, troubleshooting, and introduction to hydraulic, pneumatic controls, and PLCs. They will also receive Cal OSHA 10 certification.

This program receives NCCER certification.

Industrial Mechanical

This program introduces trainees to concepts and topics related to the industrial mechanical industry. Individuals will be instructed in craft fundamentals, industrial piping, valves, bearings, couplings, seals, drives, baseplates, the fundamentals of pressure, heating, and cooling systems, troubleshooting pumps and gearboxes, advanced blueprint reading, and advanced industrial mechanical topics. They will also receive Cal OSHA 10 certification.

This program receives NCCER certification.

Manufacturing Basic Electrician

This program is designed to meet the industry demand for entry-level and incumbent workers entering or working in manufacturing, distribution, and other industries using advanced technology in plant operations. Individuals will receive OSHA forklift certification and CPR, AED, First Aid certification, as well as instruction in industrial electrical and mechanical trades, math and blueprint reading, industrial controls and troubleshooting, advanced hydraulics, pneumatic controls, PLCs, and oxyfuel cutting.

This program receives NCCER certification.

Manufacturing Basic Machine Operator

This program prepares individuals to apply technical knowledge and skills to repair and maintain industrial machinery and equipment, such as cranes, pumps, engines and motors, pneumatic tools, conveyor systems, production machinery, marine deck machinery, steam propulsion, refinery, and pipeline distribution systems. Individuals will receive OSHA forklift certification and CPR, AED, and First Aid certification.

This program is recognized by NCCER.

MasterCam

This program prepares individuals to learn about MasterCam, a computer-aided manufacturing software program. Trainees will learn how to produce mechanical drawings of machine parts and create 3-dimensional wire frame models.

Prototyping

This program introduces individuals to the concepts, tools and utilization of 3D printing and CNC machining. Through instruction and hands-on interaction, trainees will learn the process for making a physical object from a three-dimensional digital model, as well as the process used in the manufacturing sector that involves the use of computers to control machine tools.

SolidWorks

This program introduces trainees to 3-D computer-aided engineering, and is a program that runs on Microsoft Windows. Individuals will learn about more advanced 3-D design and how to utilize it in their industry.

**SIGN UP FOR AN
INTECH CENTER
PROGRAM TODAY!**

**VISIT OUR WEBSITE
OR GIVE US A CALL:**

**WWW.INTECHCENTER.ORG
(909) 652-8488**

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“This workforce solution was funded by a grant awarded by the U.S. Department of Labor’s Employment and Training Administration. The solution was created by the grantee and does not necessarily reflect the official position of the U.S. Department of Labor. The Department of Labor makes no guarantees, warranties, or assurances of any kind, express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership.”

Support services for students with disabilities are provided through Chaffey College Disability Programs and Services. Anyone needing information about services for students with disabilities should contact the Disability Programs and Services, at 909/652-6393 or TDD/TTY 909/466-2829, email dps.staff@chaffey.edu. The toll free numbers for the California Relay Service are 1-800-735-2929 or 1-877-735-2929 for TDD/TTY users.



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