

**Put it all
together
with a career
in
WELDING**

**QUALIFY AS A WELDER
UNDER AWS OR ASME STANDARDS**



**DEAN
TECH**

**Dean Institute of Technology
1501 West Liberty Avenue
Pittsburgh, PA 15226-1197
Phone 412-531-4433**



What is Welding?

Welding is the term used to describe the many methods, techniques, and processes involved in joining metals. It also is the training for a "fitter."

Why is Welding for me?

Welding opens the door to many exciting careers. You have probably never realized how much your life is influenced by this skill. How many of the following things would you have without welding, brazing or soldering?

Automobiles
Railroads
Boats
Appliances

Aircraft
Radio-Television
Nuclear Energy
Guided Missiles
Structural Engineering

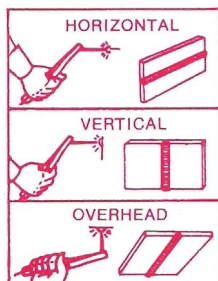
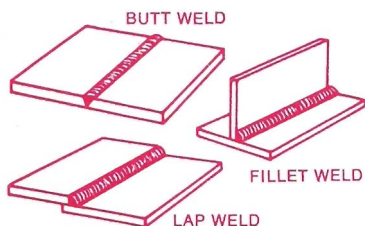
What does Welding offer?

The field of welding can offer you prestige and security. It can offer you a future of continuous employment with steady advancement. It can offer travel if that is what you want. It offers employment in practically any industry you may choose: shipbuilding, structural engineering, automotive, aircraft, guided missiles, nuclear energy, railroads, radio, television, and appliances, and the thousands of other manufacturing plants that use welding at some stage of their operations. The welder in some industries is called a "fitter."

Qualify for Certification in:

ARC WELDING

This is a method of joining two pieces of metal into one solid piece by applying the intense heat of an electric arc on the edges of the two pieces of metal to be joined.



OXYACETYLENE WELDING and PLASMA CUTTING

This process requires the use of oxygen and acetylene gases. It includes oxyacetylene welding, brazing, silver soldering, and torch cutting. The intensely hot flame of the gas-fed torch heats the metal until it melts and then fuses together.



WELDING



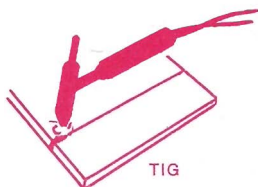
CUTTING

PIPE WELDING



TIG and MIG WELDING

This is an electric arc-welding method used for stainless steel and aluminum. It utilizes an atmosphere of inert gas to eliminate the need for a flux and to prevent chemical change or contamination.



TIG



MIG

Let Dean Tech start you on your way to a successful, rewarding career.

If you are thinking about a future in welding, Dean Tech is the place to go for an all round education—with a craft-oriented course taught by instructors who have had successful careers in industry.

For admission, call or write to Dean Tech's Admission Office. They will arrange an interview for you and a tour of the Institute facilities. This interview is particularly important. Dean Tech can evaluate you and tell you of your potential for this technical field. If you qualify, you register and file your registration fee.

Shortly, you are told when your class begins. In your first class you will get a complete review of all the things you are going to do and learn. You're working every minute you are in class. But Dean Tech students say it's not really work, it's learning things new and valuable, and finding out for yourself how much you can do when you put your mind to it.

Whether your course is taken in the Day or Evening you'll find every class challenging and interesting. More than that, time goes fast, and the investment you make of your time and effort will pay off every day for the rest of your life. You will be *somebody successful*. You and your family will be proud that you made it . . . earned the right to be a Dean Tech graduate.

Approvals: LICENSED by the Commonwealth of Pennsylvania, Department of Education, State Board of Private Licensed Schools. Dean Institute of Technology is approved for Veteran training, the Pennsylvania State Office of Rehabilitation, the Pennsylvania State Higher Education Assistance Agency for Loans, grants J.T.P.A. and T.R.A.

ACCSC

Accrediting Commission of Career Schools and Colleges

Member of AMERICAN WELDING SOCIETY

Financial opportunities.

You will derive financial satisfaction from a career in Welding as skilled welders draw high wages. There are many opportunities for financial advancement and you can go as far as your knowledge and ability will take you in the welding industry. **THE MORE YOU LEARN, THE MORE YOU EARN.**

Be in business for yourself.

Small welding job shops are springing up in every city, town, and village. Some grow into large businesses by taking on contract work and expanding to become a complete manufacturing plant. For the welder who wants to be in business for himself, the welding job shop is the answer. There is no limit to the size of such a business and only the ability of the owner will limit the income.

Dean Tech's New, Up-to-date Facilities.

We have our own new building, a completely modern, three-story, 32,000 square foot, integrated facility with up-to-date equipment. You will learn from instructors who are fully aware of what industry is looking for.

Because Dean Tech instructors are selected after successful experience in industry, what you learn really has practical application in the "real world."

Other courses available at DEAN TECH

- **ELECTRICAL** •
- **BUILDING MAINTENANCE**

It's YOUR future!

Too often, many high school students leave school unhappy with school and themselves. They feel, "I'm not smart enough," and their grades would seem to prove this.

But, often, this is not true. We all learn things that we enjoy, understand, and fit into our life style. Students who are "craft oriented" often get lost in the general academic courses.

Here at Dean Tech, these same students, put into craft oriented courses, often find themselves in a surprising new position as a "good student."

Where the studies are prime, focused interest improves. Each student can see the relationship of each particular course of study to his particular field of interest. The "reason why" of the learning is obvious and immediate.

Many students, "turned off" by conventional schooling, ceased the effort and have taken jobs in some unskilled field.

A good part of this "lost group" are craft-oriented. By dropping out, they throw away the opportunity to become Technicians with excellent future careers.

It is for these reasons that Dean Institute came into existence 48 years ago. The whole Institute was, and continues to be, structured to assure each student maximum opportunity to develop his special capability.

If you are a student about to take a "blind alley," look at the long term benefits before making your decision. The right one can add at least \$250,000 to your life income and affect your whole life style.

And if you are a parent, uncertain how to advise, and concerned by your son's or daughter's academic record, get an evaluation of the student's "craft potential" before you help make the final decision.

Dean Tech's courses are specialized, but we always have time for a frank evaluation of your son's or daughter's technical potential.

We welcome the opportunity to show off our facility and let you meet the instructors and students of our other courses — DRAFTING, ELECTRICAL TECHNOLOGY - BUILDING MAINTENANCE.

For further information — write or call:

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