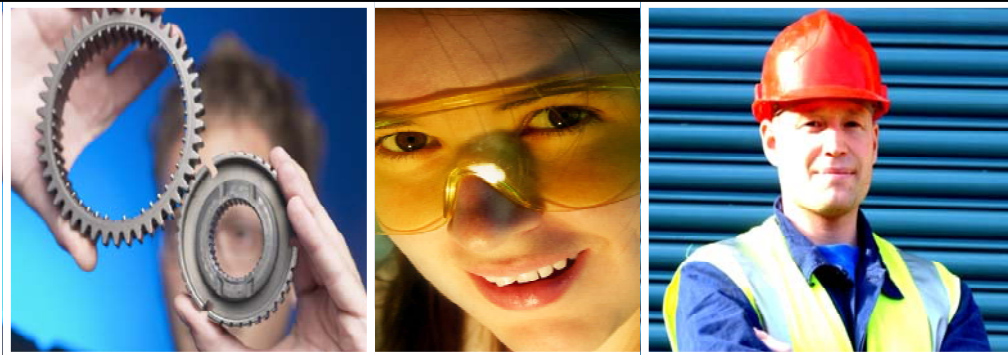


TOOLING



your SKILLS

Through the **Pittsburgh Chapter NTMA Apprenticeship Program**

Today's certified metalworking professional masters such skills as :

- Die Design
- Machining Technology
- Metrology
- CNC Programming & Interpretation
- Blueprint Reading
- Geometric Dimensioning and Tolerancing

If you do not have these skills now, the Pittsburgh Chapter NTMA Apprenticeship Program can help.

Our 4-year program delivers the instruction-related portion of your apprenticeship requirement. Classes meet one evening per week for 36 weeks each year of the program. Classes are held at convenient locations in Allegheny and Westmoreland county.

Benefits of completing the Pittsburgh Chapter NTMA Apprenticeship Program:

- Graduates from our program earn PA Journeyman Certification. (Must be registered with the state and complete concurrent On-the-Job Training hours.)
- Students in our program can also complete nationally recognized NIMS (National Institute for Metalworking Skills) credentials in specialized areas.
- Apprentices typically earn Pay-for-Skills Promotions during their apprenticeship program and upon program completion.
- Completing our program has helped our graduates bid for Supervisor / Managerial positions.
- The Pittsburgh Chapter NTMA Apprenticeship Program is recognized by the Westmoreland County Community College for up to 30 credits towards an Associate in Applied Science Degree in Machine Technology.

Who can apply for the program?

- Individuals with no metalworking experience who are interested in becoming a certified metalworking professional.
- Employed Machinists, Tool and Die Makers, CNC Operators, Grinders, Mold Makers, and other metalworking professionals who have not completed a metalworking apprenticeship program.
- Laid-off / Unemployed metalworking professionals.

How much does the program cost?

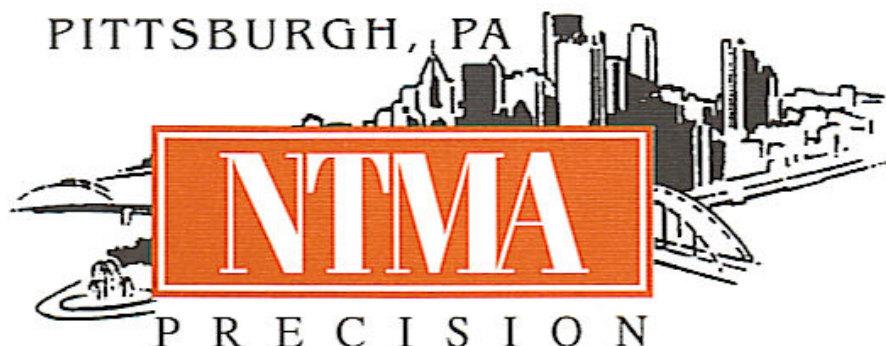
Tuition is less than \$1,000 per year. (Tuition includes the cost for NIMS registration and 2 test fees. Book costs are extra.)

Request an application form for current tuition pricing.

While many companies sponsor their employees in the program, special financing opportunities are available to individuals interested in completing the apprenticeship program, including individuals who have been laid-off by a local employer.

How do I Apply for the Apprenticeship Program?

- Request an application from your Human Resources Manager or call 1-866-326-6862.
- Submit the Application to the address listed below.
- Sign-Up for Advance Placement or TABE Testing, as needed.
- Receive Confirmation from the NTMA in the mail.
- Send Payment for Tuition and Books.



FOR MORE INFORMATION CONTACT US:

NTMA Pittsburgh— Apprenticeship Program
425 Sixth Ave., Suite 2610
Pittsburgh, PA 15219
1-866-326-6862
www.pghntma.org

INSTRUCTION



Apprentices in our program are part of a proven instructional process that provides the knowledge and skills sets needed to become certified metalworking professionals.

The Pittsburgh Chapter NTMA Apprenticeship is a 4-year program that teaches students professional standards for world-class tooling and machining.

INSTRUCTION FOCUS AREAS (Covered over 4 Years)

BASIC DIE DESIGN	MACHINING TECHNOLOGY
GEOMETRIC DIMENSIONING & TOLERANCING	MATHEMATICS (GENERAL MATH / ALGEBRA / TRIGONOMETRY)
CNC PROGRAMMING & INTERPRETATION	TECHNICAL DRAWING
BLUEPRINT READING	JIGS & FIXTURES

In addition to classroom instruction, apprentices are required to demonstrate the practical application of classroom theory by completing either NIMS credentials or NTMA hands-on projects.

Classes meet one evening per week for 36 weeks each year of the program. Additional time is required to complete all projects or NIMS credentials. Apprentices can request advanced placement testing to skip a particular course.

To meet the Pennsylvania State requirements for journeyman status, an apprentice must be registered with the state and attend 144 classroom hours concurrently with 2000 hours of practical on-the-job experience per year.



425 Sixth Ave. Suite 2610
Pittsburgh, PA 15213
www.pgntma.org

TOOLING



SKILLS

Are you a local metalworking manufacturer looking for ways to increase the skills of your workforce?

Are you an individual interested in gaining the skills needed to become a Journeyman machinist?

The Pittsburgh Chapter NTMA Apprenticeship Program is an effective and proven way to help you build the world-class tooling and machining skills you need to compete in the 21st century.

The NTMA Apprenticeship program provides employers and individuals with the best value in certifications and quality instruction:

- Proven apprenticeship program serving regional metalworking companies since 1976.
- Instructional Component of Journeyman Certification* and Nationwide NIMS Certification (*Requires on-the-job hours.)
- Minimum cost and time investment as compared to other training programs. No student loans to repay.

FIND OUT MORE INSIDE...





PROVEN



FIGURES



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FACTS

Since 1976, the Pittsburgh Chapter NTMA has provided regional manufacturers with a proven apprenticeship training program for individuals seeking metalworking educational opportunities with standards focused on world-class tooling and machining.

What are the Benefits?

- Apprentices typically earn pay-for-skills promotions during their apprenticeship training. Entry-level apprentices earn an average of \$20,000 in wages and benefits in their first year of training. Apprentices who have completed the program typically earn between \$30,000 and \$40,000 per year.
- Apprentices gain the theoretical training necessary to achieve Journeyman certification. Apprentices can also earn NIMS (National Institute for Metalworking Skills) credentials in specialty areas.
- The NTMA Apprenticeship program is an affordable solution for both employers and students. Companies can combine the NTMA Apprenticeship program with structured OJT hours and avoid the cost and time of managing self-run apprenticeship instruction courses.
- Many of our students are sponsored by their companies. Special financing opportunities are available for students paying for the apprenticeship program out of their own pocket, including those who have been laid-off.
- Classes are offered at convenient locations in Allegheny and Westmoreland county.

How do we help companies?

A major study by the National Association of Manufacturers in 2003 showed that even during the most recent recession, 80% of manufacturers had a moderate to serious shortage of production workers. This means that companies must invest more and more dollars in incumbent worker training to keep up with industry demands.

Our apprenticeship program helps companies move their low-skilled / entry-level workers to advanced skilled workers with a minimal financial investment of \$6 per hour per student.

We continually review our curriculum to ensure that apprentices are being taught the most current professional standards in precision manufacturing. By adding hands-on NTMA projects and NIMS credentials to our program, we also offer employers a well-rounded apprenticeship program that blends practical fundamental exercises with detailed classroom instruction.

We can even help with your apprentice recruitment efforts. The inside spread of this brochure is a poster that you can display in your work area. We also supply you with all the application forms you need.

Simply call 1-866-326-6862 today and request your NTMA Apprenticeship Program Recruitment package.

How do we help individuals?

We have helped over 500 individuals become certified metalworking professionals. Our graduates report being rewarded with advanced career opportunities and higher wage benefits.

The inside spread of this brochure contains more detailed information about how our program can help you. **If you are ready to get started, call us at 1-866-326-6862.**

What is the NTMA?

The National Tooling and Machining Association is a national trade association for owners and managers of small, medium and large metalworking businesses. The NTMA is organized to represent local businesses with government at the federal and state levels; educate members in management principles; aid in the marketing of products; publicize the services available from member companies; and develop training programs for all employees.

About the Pittsburgh Chapter

Incorporated in 1976 as the Pittsburgh Chapter National Tool, Die and Precision Machining Association, the Pittsburgh Chapter NTMA has grown in membership tripling in size over the years by serving the Southwestern Pennsylvania Metalworking Industry. As of 2000, the Pittsburgh Chapter consists of member companies, associate member companies, and area Vocational-Technical and Career & Technology schools.

What is NIMS?

The NTMA has assisted in the development and endorsement of the National Institute of Metalworking Skills (NIMS) credentialing program. This program certifies metalworking professionals based on practical skills and national standards.

The NTMA believes that NIMS compliments the current Journeyman certification system. It can assist employers in assessing potential employees, aid in hiring and placement, and validate skills for advancement and promotions of existing employees.

All NIMS credentials issued to an individual are recognized anywhere in the U.S.A.

1-866 326 6862
www.pghntma.org

