Comprehensive Listing for Training Opportunities in the Precision Machining Industry

→ This database provides comprehensive resources for employers and prospective talent to identify training opportunities. Search by state to identify the best training opportunities for your needs.

Attention Employers – How to use this database:

- Lookup by state to establish relationships with schools that could provide the pipeline of talent to your business.
- Forward this file to local schools & guidance counselors, informing them of the need for skilled talent in your industry and where to find that training.
- Search for available training funds/assistance through your state's Manufacturers Extension Partnership.
- Connect with PMPA's Educational Foundation to help defray internal training costs.
- Recognize and promote the NIMS credentials & Right Skills Now initiative.

Attention Jobseekers – How to use this database:

- A study from The Manufacturing Institute reports that over 80% of manufacturers cannot find skilled talent to fill their production jobs. As a result, **there are over half a million manufacturing jobs open right now!**
- Search the training opportunities in your state to identify schools in your area. There are on-line schools listed, but we recommend you first search for a school that offers hands on training with the technology that you would work with in a shop.
- Note the "NIMS" and "Right Skills Now" identified schools. Manufacturers place a higher premium on schools with these credentials because they know that these schools are following a curriculum that will meet their needs.
- Connect with PMPA's Educational Foundation to help defray your educational costs.
- **Get the Facts** – Career Opportunities in Precision Machining - Fact Sheet

Resource/Financial Assistance:

Find your Manufacturing Extension Partnership (MEP) by Your State:	• The National Institute of Standards and Technology's Manufacturing Extension Partnership Program (MEP) is a national network with hundreds of specialists who understand the needs of America's small manufacturers and small businesses. • MEPs provide companies with services and access to public and private resources that enhance growth, improve productivity, reduce costs, and expand capacity.
PMPA Educational Foundation:	Mission is to promote and fund education, training and career opportunities in the Precision Machining Industry. **Objectives:** • Establish partnerships with high schools and technical colleges providing or developing metalworking training programs. • Collect, maintain and communicate information on training programs for the Industry provided by various vendors, including machine tool builders, schools and training program vendors. • Support the development of Industry-specific skills standards for new metalworking technologies and revision of existing standards to meet the current needs of the Precision Machined Products Industry.

Preferred Credentials

Right Skills Now	• Right Skills Now builds on the success of the NAM-Endorsed Manufacturing Skills Certification System, which includes nationally portable, industry-recognized certifications that are combined with for-credit education programs. • ACT's National Career Readiness Certificate is the foundational credential of this stackable program while the NIMS credentials certify critical in-demand machining and metalworking skills.
National Institute for Metalworking Skills	• NIMS sets the skills standards for the industry, certifies individual skills against the standards and accredits training programs that meet NIMS quality requirements. • NIMS is the only developer of American National Standards for the nation's metalworking industry accredited by the American National Standards Institute (ANSI). • The NIMS accredited schools listed below are for post-secondary training.

On-Line Training Options/School Locator:

CNC Concepts Inc.:	• CNC Concepts, Inc. provides a list of schools that have provided them a listing form. • Contact each school directly for more information about their CNC program. Contact information is included in each listing.
Degree Directory:	• On-line training site for CNC programming. A list of schools that make this training available can be found here.
Education Portal	• A "perfect school search" to locate the school that best fits your goals. • Students learn about codes and programs, programming and machine shop math, machine start-up, CNC panel interface, blueprint reading and CNC programming.
First Robotics Competition (FRC)	Dubbed a varsity Sport for the Mind, (FRC) combines the excitement of sport with the rigors of science and technology. Under strict rules, limited resources, and time limits, teams of 25 students or more are challenged to raise funds, design a team "brand," hone teamwork skills, and build and program a robot to perform prescribed tasks against a field of competitors. It's as close to "real world" engineering as a student can get. Professional Mentors volunteer their time and talents to guide each team. Students get to • Work alongside professional engineers. • Build and compete with a robot of their own design. • Develop design, project management, programming, teamwork, and strategic thinking skills. Learn and use sophisticated hardware & software. • Qualify for over $16 million in college scholarships. For more information, contact: **frcteams@usfirst.org**
Haas Technical Education Center	• All HTEC Members and Partners are listed in directories. • The listings are self-maintained, so dead-links are possible.
On-line CNC Training	• Search can be done by zip code.
ToolingU:	• These classes explain operations that are performed with the help of CNC. Content for people who need to understand what CNC is and how it works. • Content covers the basic machines as well as programming for the more experienced user. • ToolingU is a partner with PMPA.
Vocational School Database:	• This site provides a database of Private Postsecondary Vocational Schools in 50 states. It is organized first by state, then by Training Occupation. • Included are private schools that offer certificates, diplomas, associate (junior college) degrees, and bachelor (college) degrees in various business, trade and technical disciplines.

Ontario, Canada

General Search:	Learn 4 Good - Career Training in Canada Machinists Programs at Ontario Colleges	
Ontario	Hamilton	Mohawk College
	Kitchener	Conestoga
	Mississauga	Institute of Machine Tool Technology
	Multiple Locations	Seneca College
	Multiple Locations	St. Clair College
	Multiple Locations	Stanford International College

Training Options by State:

State	Location	Training Opportunity	Credentials
Alabama	Anniston	Gadsden State - Ayers Campus	NIMS
	Decatur	Calhoun Community	NIMS
	Gadsden	Gadsden State - East Broad Campus	NIMS
	Hanceville	Wallace State - Hanceville	NIMS
	Monroeville	Alabama Southern Machine Technology	
Arizona	Phoenix	Gateway Community College	
Arkansas	Multiple	Synergy Tech	
California	Los Angeles	Los Angeles Trade Tech	
	San Bernardino	Technical Employment Training, Inc.	PMPA Member
	San Bernardino	San Bernardino Valley College	NIMS
	Southern Cal	Training Centers of Southern California	
Colorado	Denver	Community College of Denver	
	Pueblo	Pueblo Community College	
Connecticut	Enfield	Asnuntuck Community College	
	Waterbury	Waterbury Technical Training Center	
	Waterbury	Manufacturing Alliance Service Corp.	NIMS
	Winsted	Northwestern Connecticut Community College	
Delaware	Wilmington	CDM Institute	
Florida	Central Florida	Mid Florida Tech	
	Lake Worth	Palm Beach State College	NIMS
Georgia	Oakwood	Lanier Technical College - Machine Tool Technology	
	Warner Robins	Middle Georgia Technical College	
	Western Georgia	Western Georgia - Machine Tool Technologies	
Hawaii	Lihue	Kaua'i Community College	PMPA Member
Idaho	12 locations	College of Western Idaho	

State	Location	Training Opportunity	Credentials
Illinois	Addison/Skokie	Symbol Training Institute	PMPA Member NIMS, MSSC
	Chicago	BIR Training Center	
	Chicago	City Colleges of Chicago	
	Chicago	Wilbur Wright College - HPVEC	NIMS
	Danville	Danville Area Community College	NIMS
	Glen Ellyn	College of Dupage	
	Granite City	Southwestern Illinois College	NIMS
	Skokie	Oakton Community College	
	Park Ridge	CNC Programmer Training	
	Rockford	Rock Valley College / TechWorks - EIGERlab	NIMS
Indiana	30 locations	Ivy Tech Community College	NIMS
	Vincennes	Vincennes University HTEC Training	
Iowa	Cedar Rapids	Kirkwood Community College	
	Davenport	Eastern Iowa Community College	
	Waterloo	Hawkeye Community College	
Kansas	Wichita	Wichita Area Technical College	
Kentucky	Lexington	Bluegrass Community & Technical College	
	Louisville	Jefferson Community and Technical College	
Maine	Auburn	Central Maine Community College	NIMS
	Augusta	Capital Area Technical Center	
	Fairfield	Kennebec Valley Community College	NIMS
	Presque Isle	Northern Maine Community College	NIMS
	South Portland	Southern Maine Community College	NIMS
	Wells	York County Community College	
Massachusetts	Woburn	Center for Manufacturing Technology	
Michigan	Benton Harbor	Lake Michigan College	NIMS
	Big Rapids	Ferris State University	
	Detroit	Machining Training Institute	
	Detroit	Wayne County Community College	
	Dowagiac	Southwestern Michigan College	NIMS
	Grand Rapids	Grand Rapids Community College	
	University Center	Delta College	

State	Location	Training Opportunity	Credentials
Minnesota	Brooklyn Park	Hennepin Technical College	NIMS
	Faribault/N. Mankato	South Central College	Right Skills Now NIMS
	Minneapolis	Dunwoody College of Technology	Right Skills Now NIMS
	Minneapolis	Minneapolis Community and Technical College	
	Multiple locations	Southeast Technical	
	Multiple locations	Minnesota State Colleges & Universities	
	Saint Paul	Saint Paul College - A Community & Technical College	Right Skills Now NIMS
	Staples	Central Lakes College	
Mississippi	Ellisville	Jones County Junior College	NIMS
	Mayhew	Manufacturing Skills Certification	
Missouri	Linn	Linn State Technical College	NIMS
	Multiple locations	Metropolitan Training Alliance	
	St. Louis	Ranken Technical College	NIMS
	Union	East Central College	
Nebraska	Hastings	Central Community College	
	Milford	Southeast Community College	
New Hampshire	Clairmont	CNC Machinist Star Program	
New Jersey	Multiple locations	CDM Institute	
New York	Brentwood	Suffolk County Community College	
	Clifton Springs	Finger Lakes Community College	
	Corning	Corning Community College	
	Farmingdale	Farmingdale State College	
	5 locations	Erie Community College	
Nevada	Multiple Locations	Western Nevada College	Right Skills Now NIMS
	Reno	Truckee Meadows Community College	Right Skills Now NIMS
North Carolina	Asheboro	Randolph Community College	NIMS
	Jamestown	Guilford Technical Community College	NIMS
	Morganton	Barefoot CNC	
	Rocky Mount	Nash Community College	NIMS
	Winston-Salem	Forsyth Technical Community College	NIMS

State	Location	Training Opportunity	Credentials
Ohio	Akron	Akron CNC Training Center	
	Concord Twp.	Auburn Career Center	
	Cleveland	Cleveland Industrial Training Center	PMPA Member
	Cleveland	Cuyahoga Community College	PMPA Member Right Skills Now
	Cincinnati	Cincinnati State - Get Skills To Work for Veterans	Right Skills Now
	Dayton	Sinclair Community College	
	Elyria	Lorain County Community College	
	Lima	Rhodes State College Solutions, Etc.	PMPA Member
	Middleberg Heights	Polaris Career Center	
	Oberlin	Lorain County JVS Adult Career Center	NIMS
	Solon	CNC Training - RTSI	
Oklahoma	Norman / OKC	Moore Norman Technology Center	
	Oklahoma City	Francis Tuttle	
Oregon	4 locations	Linn Benton Community College	
	Oregon City	Clackamas Community College	
	Portland	Portland Community College	
Pennsylvania	Bethlehem	Bethlehem AVTS	
	Clarion	Clarion University	
	Easton	Career Institute of Technology	NIMS
	Erie	Erie Institute of Technology	
	Lancaster	Thaddeus Stevens College of Technology	
	Leesport	Berks Career & Technology Center	NIMS
	Meadville	Precision Manufacturing Institute	NIMS
	New Castle	New Castle School of Trades	
PA Continued…	Pleasant Gap	Central PA Institute of Science & Technology	NIMS
	Schnecksville	Lehigh Career & Technical Institute	Right Skills Now NIMS
	Williamsport	Pennsylvania College of Technology	NIMS
Rhode Island	Smithfield	TPC Learning	
South Carolina	Greenville	Greenville Technical College	
	Greenwood	Piedmont Technical College	
	Rock Hill	York Technical College	NIMS
	Spartanburg	Spartanburg Community College	NIMS
	Sumter	Central Carolina Technical College	NIMS
South Dakota	Sioux Falls	Southeast Technical Institute	NIMS
Tennessee	Multiple locations	Tennessee Technology Center	

State	Location	Training Opportunity	Credentials
Texas	Arlington	University of Texas - Arlington	
	Austin	CLC Inc. Training	
	Dallas	Richland College Machine Operator Program	
	Houston	Houston Community College	
	San Antonio	Mt. San Antonio College	
Utah	Ogden	Ogden-Weber Tech College	
Vermont	Clairmont (NH)	CNC Machinist Star Program	
Virginia	Abingdon	Washington County Skill Center	
	Chester	John Tyler Community College	NIMS
Washington	Bellingham	Bellingham Technical College	
	Kirkland	Lake Washington Institute of Technology - Machine Technology	
	Shoreline	Shoreline Community College	NIMS
West Virginia	Bridgeport	Robert C. Byrd Institute	NIMS
	Huntington		NIMS
	Rocket Center		NIMS
Wisconsin	Eau Claire	Chippewa Valley Technical College	
	Fond du Lac	Moraine Park Technical College	
	Multiple Locations	Gateway Technical College - CNC Boot Camp	
	Multiple Locations	Wisconsin Technical Colleges	
	Multiple Locations	Milwaukee Area Technical College	PMPA Member
Wyoming	Casper	Casper College	
	Multiple Locations	Northern Wyoming Community College	