

Professional & Workforce Training



EDUCATION • SKILLS • RESULTS

Manufacturing Technology & Industrial Engineering



ProWorkTraining.com
763-433-1200

Your Success **IS** Our Business

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Specializing in **business development and workforce training**, *Professional & Workforce Training* is your partner in economic success.

Why should your business or organization partner with *Professional & Workforce Training*?

- Education and **training solutions** designed to **meet your goals** and **increase productivity and profit**
- Cost-effective, results-oriented solutions designed to enable your company to **increase its competitive edge**
- **Pre- and post-training assessments** to ensure your employees learn the skills most important to your industry and customers
- **Industry experts** and **experienced instructors** who provide **proven, real-world results**
- Services, industry certifications and training conducted on **your schedule** and at **your location**
- **Cutting-edge training programs** on the forefront of new technologies/processes to **enhance your employees' skills**
- **Increase your bottom line** through waste reduction, streamlining processes, energy conservation and workforce training

Contact us **today!**

About *Professional & Workforce Training*

Through customized consultation, needs assessments, coaching, evaluation and training services, *Professional & Workforce Training* is committed to partnering with you to ensure your unique business goals are met.

Working together, we'll assess your organization's needs and develop specific solutions to help your employees and business.





New programs added based on industry demand.
Customized programs also available to meet your needs.

Manufacturing Technology & Industrial Engineering

Minnesota businesses and their success are dependent on a highly-skilled, educated and productive workforce. Regulations, customer demands, product quality requirements and global competition require all levels of the organization to perform at the top of their game. All businesses need to develop operational sophistication to predictably deliver quality products to customers – on time.

Professional & Workforce Training provides training and services specifically designed and developed to build employee knowledge, skills and abilities, improve business process, procedures and performance, and to meet or exceed regulatory compliance.

Biomedical Technology/Medical Device

The biomedical and medical device manufacturing industry demands employees with advanced skills and up-to-date training on the full spectrum of design, regulatory, manufacturing process and quality assurance issues. Highly-regulated industries must have a skilled workforce to meet the demands of regulations and the global marketplace.

Sample Programs & Courses

- Blueprint Reading
- Cardiovascular Physiologic & Related Medical Devices
- Creativity and Innovation for the Life Sciences/Medical Device Industry
- Essentials of Risk Management
- Fundamentals of Internal/ISO & FDA Audit Preparation
- Fundamentals of Medical Device Industry
- Principles of GMP for Biomedical Operations
- Process and Equipment Validation for the Medical Device Industry
- Risk Management & FMEA
- Six Sigma 101 for the Pharmaceutical & Medical Device Industry
- Six Sigma Black Belt Online Training
- Certificate in Six Sigma Green Belt Certificate
- Statistical Analysis/Minitab
- Technical Writing for Results in Biomedical
- Working in a Regulated Environment

Courses may be customized to meet your organization's specific needs. Training



Manufacturing/Trades

The “new” manufacturing environment requires highly-skilled employees at all levels of the organization. Improve your competitive edge and develop world-class employees who enable your company meet customer demands.

Advanced Technology Center - Sample Programs & Courses

- Statistical Analysis/Minitab
- SolidWorks® Intro
- SolidWorks® Advanced
- SolidWorks® - CSWA Exam Prep
- Certificate in Six Sigma Green Belt
- Applied Shop Math
- Blueprint Reading
- Dimensional Metrology
- Hand/Measuring Tools
- GD & T
- Statistical Process Control
- Strengths Finder 2.0
- Revit Architecture
- Welding/AWS
- Precision Sheet Metal
- Six Sigma
- Lean Manufacturing
- CNC Operations & Programming
- Value Stream Mapping
- Set-up Reduction
- Gage R&R
- Design for Experiments in Manufacturing
- Total Productive Maintenance
- Product – Process – Preparation (3P's)
- Mistake Proofing in Manufacturing
- 8D Problem Solving

Other Trades - Sample Programs & Courses

- Electrical Systems for Facilities Maintenance Personnel
- Forklift
- Gas Piping & Venting
- HVAC for Commercial & Residential Systems
- Special Engineer Boiler License Exam Prep
- ARC Flash
- NEC Code Update
- Power Limited
- RPZ/Cross Connection Control & Backflow Prevention
- LabView Core I & II
- Essentials of Plumbing for Commercial & Residential Systems
- Plumbing Code Update
- Online NEC Webinar Training & Exam Preparation

Renewable Energy/Energy Management

A combination of training, services and networking to teach Minnesota manufacturers how to improve their bottom lines by reducing the amount of energy required to produce products using renewable energy and conservation technologies/practices.

Sample Programs & Courses

- Biodiesel Fundamentals
- Biofuels Fundamentals
- Capturing & Using Heat Loss
- Compressed Air Systems
- Data Centers
- Energy Audits
- Fan Systems
- Lighting Use, Types & Control
- Mechanical Fundamentals for Biofuels
- Mechanical Fundamentals for Process Controls in Biodiesel Production
- Mechanical Insulation
- Motor Systems
- Process Heating Systems
- Pumping Systems
- Reducing Peak Energy Demand
- Renewable Energy Generation
- Steam Systems
- Variable Speed Motors



Results to expect

- Motivated and empowered employees
- Increased productivity and profitability
- Demonstrated improvement and streamlined processes
- Improved knowledge and skills for individual learners





Resources & Expertise to Meet Your Goals

In today's economic culture, your organization faces considerable challenges. Evolving technologies, global competition and economic pressure place new demands on business. Strategies and competencies will drive your business.

Professional & Workforce Training provides:

- Broad array of consulting, assessment, research, planning and organizational development services
- Development of training plans
- College credit for classes that can be applied towards an academic diploma or certificate
- Online training program design and development
- Certifications, licenses and continuing education units (CEUs) for a variety of industries and trades

Contact us **today!**



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