Discover

Customized Training and Education

At Macomb

Macomb Community College
Education • Enrichment • Economic Development

Strengthen Your Business and Improve Your Workforce

**Turn-Key Solutions**

Macomb Community College can assist your organization with its training needs from beginning to end, providing both standardized and customized training that can be delivered to your entire team, whether they work in Detroit, Boston or Beijing.

Each year, Macomb helps businesses from small startups to Fortune 500 companies improve their performance and profitability through workforce training and education solutions that encompass innovative industrial and technical training, health and safety training, and professional development.

Our consultants can help you determine your training needs and then, in collaboration with faculty—working pros who know their fields from the inside out—develop and deliver a training program that will strengthen your business by strengthening the skills of your workforce.

**More Strategies for Success**

Macomb also offers a variety of other strategies that can spell SUCCESS for your organization. Business consulting and grants management services are available to show your organization how to leverage new and emerging opportunities. There are also short-term career programs that can help with the transition into new fields such as renewable and alternative energy, and defense and aerospace. And there are professional development programs that cover such areas as customer service, leadership, project management, information technology and instructional design.
Discover the Difference

Services:
- Customized training
- Turn-key solutions—global footprints
- Needs and skills assessment
- Business consulting
- Short-term career programs
- Grants administration

**Engineering & Advanced Technology page 3**

**Defense and Aerospace**
- CATIA
- CNC
- Engineering technician
- Fighting vehicle design
- ITAR
- Pro/ENGINEER
- Project management
- Quality systems standards
- Quality technician
- Welding

**Advanced Automotive Technology**
- Certified production technician
- Electric vehicle controls
- Energy sources and conversions
- Hybrid electric vehicle
  - Battery applications
  - Fundamentals
  - Power management
  - Safety
- Introduction to electric vehicle propulsion systems
- Motors and controls for electric vehicles and industrial applications

**Advanced Manufacturing**
- CATIA, UGNX, Pro/ENGINEER, AutoCAD
- Certified production technician
- Climate control
- CNC
- Control robotics technician
- Engineering
- Fluid power technology
- HVAC
- Machining
- Multi-skilled technician
- NEC code update
- Plumbing code update
- Product design
- Programmable Logic Controls
- Welding

**Quality and Process Improvements**
- Core tools
- GD&T
- Internal auditors
- KAIZEN
- Lean manufacturing
- Lean office
- Metrology
- Problem solving
- Quality culture
- Quality standards and management systems
- Quality technician
- Six Sigma
- ISO/TS 16949 Standards
- Value stream mapping

**Instructional Design**
- Instructor certification
- Instructional designer certification
- Training manager certification

**Renewable and Alternative Energy**
- Battery applications
- Construction
- Fuel cell
- Geothermal installer
- Hybrid electric vehicles
- Solar installer
- Solar PV
- Sustainable landscape design
- Weatherization and green construction
- Wind energy

**Business & Information Technology page 6**

**Leadership**
- Situational leadership
- Influential leadership
- Coaching
- Conflict resolution
- Delegating effectively
- Leading change
- Succession planning

**Management**
- Communication strategies
- Speaking in public
- Project management
- Change management
- Building better teams
- Problem solving

**Professional Sales**
- Generating quality leads
- Making effective sales calls
- Selling without discounts
- Becoming a preferred partner
- Building business infrastructure

**Customer Service**
- Call center training
- Mastering customer service
- Effective telephone skills
- Consultative selling series

**Information Technology and Computer Software Training**
- Computer software
- Networking
- Web design
- Programming

**Employee Evaluation**
- Certification testing
- Job skill assessment
- Performance evaluation
- Individual work style appraisal

**Global Business**
- Global understanding
- Leading global teams
- Leading virtual teams
- Intercultural communications
- Foreign language

**Health Information & Safety Training page 10**

**IT for Health Care Employee**
- Configuring electronic health records
- Networking and health information exchange
- Professionalism/customer service in the health environment
- Vendor-specific systems

**Health and Safety Training**
- Hazardous materials
- Confined space
- Emergency medical training
- Industrial fire brigade

**MIOSHA Training Institute**
- Safety and health training
- Safety and health certification
Defense & Aerospace

Macomb Community College has many educational offerings to train individuals and leverage the skills of current workforce employees to transfer into defense and aerospace. Existing programs include electronics, mechatronics, robotics, advanced manufacturing/machining, welding and quality. We offer customized training programs, designed to keep employees on the leading edge of advanced technologies.

Renewable & Alternative Energy

Macomb’s Renewable & Alternative Energy program teaches the knowledge and skills required for positions involving integration of renewable energy applications in a variety of business and industrial environments. Fuel sources such as solar, wind, geothermal energy, biomass technology, hydrogen fuel cell technology, and hybrid electric vehicles are the energy systems of today. As Green technologies continue to evolve, Macomb will continue to update and add to its educational offerings to ensure that our students are able to take advantage of the new opportunities that are created in these industries.
Advanced Automotive Technology

The Automotive Technology program provides students with the opportunity to develop the skills, knowledge and abilities required to properly diagnose, repair, and maintain the parts and systems comprising the modern automobile. At Macomb, we have a fleet of hybrid and electric vehicles for students to observe and test the latest advances in automotive technology. As a result of our partnership with the Center for Advanced Automotive Technology (CAAT), Michigan Academy for Green Mobility Association (MAGMA), and others, we are offering a broad range of courses and programs including the Electric Vehicle Certificate. Training in electric and hybrid vehicle technology is tailor-made by Macomb for service technicians, development technicians, engineers, managers, and even first responders to accident scenes.

Advanced Manufacturing

With new technologies being developed every day, it’s a challenge staying current while moving ahead to compete globally. Macomb Community College has many educational programs to train individuals for required skills to support the advanced manufacturing industry. These programs include: Product and Vehicle Design, Automotive Engineering Technology, Electronics, Mechatronics, Robotics, CNC and traditional Machining, Welding, and Quality.
Instructional Design

Our Instructional Design courses are specifically designed for your organization’s instructors, trainers, training developers, and training managers. Your staff will learn essential training standards and processes, enabling them to deliver successful training programs in your organization.

These courses will ensure that your internal training goals are accomplished by maximizing your employee’s skills while following international standards. Your organization will cut costs, increase effectiveness, and establish a holistic approach for training. Upon successful completion, participants will be certified by Macomb Community College.

Quality & Process Improvements

Our Quality and Process Improvement courses focus on problem-solving, quality improvement, waste reduction and other areas that assist employers in implementing process improvements in their organization. Obtain the tools you need to strengthen your technical knowledge base and gain a competitive edge. Courses are designed to assist employees at every organizational level.
Great leaders provide a shared vision that inspires others to action. In our Leadership Series, you will gain the skills necessary to lead successful teams. Discover your leadership style, strengths and opportunities for growth. Understand and learn to implement important concepts regarding personal behavioral styles and generational differences that affect team dynamics.

- Situational Leadership
- Influential Leadership
- Coaching
- Conflict Resolution
- Delegating Effectively
- Leading Change
- Succession Planning

Many managers today must influence others without formal authority. Our Management Series will assist you in acquiring the tools you need to communicate, collaborate and motivate others. Discover the tried and true methods for adapting to team members’ expectations and preferences.

- Communication Strategies
- Speaking in Public
- Project Management
- Change Management
- Building Better Teams
- Problem-Solving
Customer Service

In today’s competitive market, it is imperative that every employee understand their role as a customer service advocate. Customer service plays an important role in an organization’s ability to generate and keep customers, and increase revenue. Your customer’s perception of your business is based on their interaction with your employees. Make sure every customer contact is beneficial to you and your customer.

- Call Center Training
- Mastering Customer Service
- Effective Telephone Skills
- Consultative Selling Series

Professional Sales

Although the definition of a sale is simple enough, the process of turning someone into a “buyer” can be very complex. The vast majority of sales training programs actively tell you what to do. In contrast, our consultative sales methodologies teach you how to do it. These courses will take you from preparing for that initial phone call through closing the deal, following up and setting goals.

- Generating Quality Leads
- Making Effective Sales Calls
- Selling without Discounts
- Becoming a Preferred Partner
- Building Business Infrastructure
Information Technology & Computer Software Training

To enhance office skills and improve productivity, we offer a comprehensive selection of technology courses covering computer basics, networking, programming, and Microsoft Office applications. We also offer social media training and web design, to improve your company’s online marketing presence.

- Computer Software
- Networking
- Web Design
- Programming
Employee Evaluations

We offer a comprehensive library of more than 30 tools to support you, your team and your organization with recruitment, selection, performance, development, succession, and transition within an organization. Assessments can be used to develop a stronger organization by helping you select new team members who fit into your team or organization’s culture, manage team members by adapting to their preferred leadership and team interaction styles, and develop team members by identifying gaps in their abilities.

- Certification Testing
- Job Skill Assessment
- Performance Evaluation
- Individual Work Style Appraisal

Global Business

Today, having significant operations spread out over several continents is common. What is uncommon, however, are the skills needed to work and lead across several time zones, cultural awareness, appropriate communication skills and a focus on relationships. Learn the skills necessary to be successful in today’s global environment.

- Global Understanding
- Leading Global Teams
- Leading Virtual Teams
- Intercultural Communications
- Foreign Languages
IT for Health Care Employees

The national push for the electronic management of patient records has created unique challenges for hospitals, doctor’s offices and health care vendors. If your company is among those being called upon to digitize patient data, Macomb offers short-term training in Health Information Technology (HIT) that can bring your employees up to speed in all facets of IT systems related to electronic recordkeeping in the health care industry.

ICD-10 Medical Coding

The U.S. Department of Health and Human Services proposed a change to ICD-10 codes used by medical coders and billers to report health care diagnoses and procedures. Get ready for the massive changes to the existing coding system and sign up your health care employees in Macomb Community College’s ICD-10 Medical Coding Training Programs.

This program has been approved for continuing education units (CEUs). Granting of prior approval in no way constitutes endorsement by AAPC or AHIMA of the program content or the program sponsor.
Health & Safety

Health & Safety managers, from successful companies and dynamic municipalities, look to us for quality training at a reasonable cost. We offer an array of programs and instruction for companies and municipal agencies responsible for the safety functions related to industrial compliance and emergency response services.

Our programs and seminars are developed to meet the training requirements of OSHA, DOT, MIOSHA, NFPA, ISFSI, and other regulatory organizations.

MIOSHA Training Institute

The MIOSHA Training Institute (MTI) delivers affordable and informative seminars based on the most up-to-date industry standards in a hands-on, interactive environment.

Companies that develop a proactive safety and health system can achieve lower worker-comp costs, increased employee productivity, and lower absenteeism and turnover.

The MTI provides a wide range of seminars to improve and advance safety and health in the workplace.

Certification Program

The MIOSHA Training Institute offers General Safety and Health certification. This certification program recognizes your educational efforts and increased technical expertise.

www.michigan.gov/mioshatraining
Michigan Technical Education Center (M-TEC℠)

Macomb Community College’s M-TEC℠ is a 40,600 square-foot facility located on Van Dyke Ave., just north of I-696 in Warren.

The M-TEC houses classrooms and computer labs offering the most advanced training technologies. This dynamic learning environment also includes a large high-bay space that can be rapidly adapted to meet your training requirements.

Training and consulting programs can be held at our M-TEC facility or at your business location. All programs are scheduled at times and locations convenient to you and your employees.

The Center for Executive & Professional Development

Macomb’s Center for Executive & Professional Development is one of the most advanced professional development facilities in Southeast Michigan. It offers exceptional learning spaces for company training programs.

Finishing Your Degree is Closer Than You Think

Complete your bachelor’s, master’s, or doctoral degree from one of our partners right on Macomb’s Center Campus!

www.macomb.edu/UC
DISCOVER the Difference

When you select Macomb Community College for your workforce training and education needs, you are enlisting one of the nation’s leading community colleges. Known for a comprehensive curriculum complemented by a long-standing commitment to strengthening the region’s workforce, Macomb is the community’s unrivaled resource for education, enrichment and economic development.

With some 200 degree and certificate options from which to choose, and a tuition rate that is one-quarter the cost of a Michigan four-year university, nearly 48,000 students attend Macomb annually. The College ranks as the state’s largest grantor of associate degrees and is among the top 25 nationally. Its University Center on Center Campus has been a national model for educational partnerships.

At Macomb, you will find an early admit program for high school students, university transfer and career preparation programs, bachelor’s degree completion and graduate degree programs through partnerships with some of the state’s most prestigious colleges and universities. The College also provides a variety of enrichment programs, including those at the Lorenzo Cultural Center and the Macomb Center for the Performing Arts. And, to that impressive mix, add the customized training and education programs you have just read about.

Discover the difference our community college can make. Discover customized workforce training and education at Macomb Community College today.

For more information call:

Engineering & Advanced Technology  586.498.4100
Safety Training  586.498.4055
Health Information  586.498.4034
Business & Information Technology  586.498.4112

For general information about Macomb Community College, call 866.Macomb1 (866.622.6621) or email answer@macomb.edu
Locations

Workforce and Continuing Education training and consulting programs can be held at Macomb Community College locations or at your business location. All programs are scheduled at times and locations convenient to you and your employees.

Center Campus
44575 Garfield Road
Clinton Township, Michigan 48038-1139

South Campus
14500 E. 12 Mile Road
Warren, Michigan 48088-3896

East Campus
21901 Dunham Road
Clinton Township, Michigan 48036-1025

Michigan Technical Education Center (M-TEC™)
7900 Tank Avenue
Warren, Michigan 48092-3936

University Center, Center Campus
44575 Garfield Road
Clinton Township, Michigan 48038-1139

www.macomb.edu ■ 866.Macomb1 (866.622.6621)

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