

## MICHIGAN MANUFACTURING TECHNOLOGY CENTER

The Michigan Manufacturing Technology Center (MMTC) offers direct technical assistance to small and medium-sized manufacturers to connect them to the best manufacturing practices and technologies available. State and federal funding in combination with links to national industry groups, major manufacturers, automation equipment vendors, universities and research laboratories make it possible for MMTC to offer services that would not otherwise be affordable.

Assistance is offered in areas including lean manufacturing and continuous improvement, quality systems, ISO 14001, costing systems, management and market diversification.

In addition, MMTC offers a unique performance benchmarking service comparing a company's performance to that of its peers and making recommendations for improvement.

MMTC services are delivered through the regional affiliates listed below. For more information, visit the MMTC website at [www.mmtc.org](http://www.mmtc.org) or contact the Michigan Economic Development Corporation Customer Assistance Center at 517.373.9808.

LOCATION	WEBSITE	TELEPHONE	FAX
MMTC—Northeast Saginaw Valley State University Center for Manufacturing Improvement 7400 Bay Road University Center, MI 48710	<a href="http://www.svsu.edu/cmi">www.svsu.edu/cmi</a>	989.694.7015	989.964.2656
MMTC—Northern Lower NMC—Training and Research 1701 East Front Street Traverse City, MI 49686	<a href="http://www.nmc.edu/trac">www.nmc.edu/trac</a>	231.995.2218	231.995.2022
MMTC—Southeast & Headquarters 47911 Halyard Plymouth, MI 48170	<a href="http://www.mmtc.org">www.mmtc.org</a>	888.414.6682	734.451.4201
MMTC—Upper Peninsula Northern Initiatives P.O. Box 7009 Marquette, MI 49855	<a href="http://www.niupnorth.org">www.niupnorth.org</a>	906.226.1673	906.228.5572
MMTC—West The Right Place, Inc. 161 Ottawa Avenue, NW, Suite 400 Grand Rapids, MI 49503	<a href="http://www.rightplace.org">www.rightplace.org</a>	616.771.0557	616.771.0555

MMTC offers a broad range of services. Listed below is a sampling of these services. Please visit MMTC's website

at [www.mmtc.org](http://www.mmtc.org) for a menu of services offered through each of the regional offices.

### INITIAL EVALUATION

- Performance benchmarking reports
- Transformation planner reports
- Business development audits
- Meeting to discuss opportunities

### ASSESSMENT

- Focused assessments for lean manufacturing, lean office and quality systems
- Waste walks
- Environmental audits

### LEAN BUSINESS SOLUTIONS

- Continuous improvement
- Kaizen workshops
- Cellular manufacturing
- Setup time reduction
- Plant layout
- Value-stream mapping
- Production Preparation Process (3P) for Product Launch
- Lean manufacturing simulation
- 5S workplace organization
- Lean office
- Best Practice Tours
- Total Productive Maintenance (TPM)

### QUALITY SYSTEMS

- ISO 9000, AS9100, TL9000, ISO13485, ISO/TS 16949 pre-certification implementation, training & audits
- Six sigma black and green belt training & certification
- Internal auditing & training
- Gap analysis
- OHSAS 18001
- Root cause analysis
- Monthly Management Mentoring Meetings (4-M)
- Core tools: FMEA, MSA, SPC, APQP, PPAP
- Staff Internal Auditor Services
- 10S 10-step problem solving method
- Scrap Cost Reduction & Prevention (SCRAP) Program

### GROWTH PLANNING

- Market diversification
- Marketing skills
- Solution Selling®
- Eureka! Winning Ways®

- Idea testing
- Website effectiveness analysis

### ISO 14001

- ISO 14000/14001 environmental management system planning
- Environmental audits & assessments
- Waste minimization

### COSTING SYSTEMS

- Activity-based costing & quoting
- Five-day on-site ABC Kaizen
- VSM
- Financial Analysis

### MANAGEMENT SKILLS

- Leadership training and assessments
- Team building
- Strategic planning
- Corporate climate/culture

### TECHNICAL SKILLS

- Math for manufacturing
- Blueprint reading
- Geometric Dimensioning & Tolerance (GD&T)
- Statistical Process Control (SPC)
- Metrology
- Metallurgy
- Coordinate Measuring Machines (CMM)
- Design of Experiments (DOE)

### INTERPERSONAL AND COMMUNICATION SKILLS

- Leadership & supervisory skills
- Conflict management & mediation
- Facilitation skills
- Feedback & coaching

### HR/ORGANIZATIONAL DEVELOPMENT SERVICES

- Recruitment/selection
- Development of performance management systems
- Employee satisfaction surveys
- Compensation surveys
- Policy/procedure development

### ECOMMERCE/IT CONSULTING SERVICES

- Web development
- Software evaluation, implementation and training
- Application development