

MICHIGAN MANUFACTURING TECHNOLOGY CENTER

The Michigan Manufacturing Technology Center (MMTC) offers direct technical assistance to small and medium-sized manufacturers and food processors 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 product and process innovation, lean manufacturing and continuous improvement, quality systems, ISO 14001, costing systems, management training, matchmaking and business development services. In July 2012, MMTC was accredited as an authorized provider by the International Association for Continuing Education and Training (IACET). MMTC programs that are currently eligible for IACET CEUs are marked with an asterisk (*).

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. For more information, visit the MMTC website at www.the-center.org or contact the Michigan Economic Development Corporation customer contact center at 517.373.9808.

REGIONAL AFFILIATE

MMTC—Northeast

Saginaw Valley State University
Center for Manufacturing Improvement
7400 Bay Road
University Center, MI 48710
www.svsu.edu/cbed/mmtcne
tel 989.694.7015
fax 989.964.2656

MMTC—Northern Lower NMC—Training and research

1701 East Front Street
Traverse City, MI 49686
www.nmc.edu/training
tel 231.995.2218
fax 231.995.2022

MMTC—Southeast and headquarters

47911 Halyard Drive
Plymouth, MI 48170
www.mmtc.org
tel 888.414.6682
fax 734.451.4201

MMTC—Upper Peninsula

Northern Initiatives
P.O. Box 7009
Marquette, MI 49855
www.niupnorth.org
tel 906.226.1673
fax 906.228.5572

MMTC—West

The Right Place Inc.
161 Ottawa Avenue NW, Suite 400
Grand Rapids, MI 49503
www.rightplace.org
tel 616.771.0557
fax 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.the-center.org for a menu of services offered through each of the regional offices.

LEAN BUSINESS SOLUTIONS

- Continuous improvement peer learning
- Kaizen workshops
- Cellular manufacturing
- Set-up time reduction
- Plant layout
- Value-stream mapping
- A3 Problem Solving
- Production Preparation Process (3P) for product launch
- Lean manufacturing champion*
- Lean Six Sigma Green Belt certification
- 5S workplace organization
- Lean office champion*

QUALITY SYSTEMS

- ISO 9000*, AS9100*, TL9000, ISO13485, ISO/TS 16949*
- Pre-certification implementation, training and audits
- Internal auditing and training
- Gap analysis
- OHSAS 18001
- Root cause analysis
- HACCP training and certification
- Core tools: FMEA, MSA, SPC, APQP, PPAP
- Staff internal auditor services
- Problem solving methods
- Scrap Cost Reduction & Prevention (SCRAP) program

TECHNICAL SKILLS

- Blueprint reading
- Geometric Dimensioning & Tolerance (GD&T)
- Statistical Process Control (SPC)
- Metrology
- Design of Experiments (DOE)

ASSESSMENT & TOOLS

- Focused assessments for lean manufacturing, lean office and quality systems
- No-fee waste walks
- Environmental audits
- Matchmaking
- Best practice tours
- Metrics to drive your business

COSTING SYSTEMS

- Activity-based costing and quoting
- Value stream mapping
- Financial analysis–Profit Mastery®

SUSTAINABILITY

- ISO 14000/14001 environmental management system planning
- Environmental audits and assessments
- ISO 50001 implementation and internal auditor
- Waste minimization
- Sustainable business peer learning

BUSINESS DEVELOPMENT SERVICES

- Marketing skills
- Solution Selling®
- Idea testing
- Website effectiveness analysis
- Innovation marketplace

MANAGEMENT SKILLS

- Leadership training and assessments
- Team building
- Succession planning
- Leadership In Action Innovative Strategic Planning
- Corporate climate/culture

HR/ORGANIZATIONAL DEVELOPMENT SERVICES

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

SIX SIGMA PROGRAMS

- Introduction to design experiments
- Minitab training workshop
- Six Sigma Green Belt training and certification*

E-COMMERCE/IT CONSULTING SERVICES

- Web development
- Software evaluation, implementation and training
- Application development
- Search engine optimization
- e-commerce

INITIAL EVALUATION

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

INTERPERSONAL AND COMMUNICATION SKILLS

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