



The M-TEC Monitor

February 2005

Volume 3

Even if you're on the right track, you'll get run over if you just sit there."

- Will Rogers

M-TEC's New Screening Center Will Join Heavy-Hitters of Biotech Research

KVCC has been invited to join an alliance of prominent Michigan institutions involved in life-sciences research. Adding the new Michigan High Throughput Screening Center, a technology involved in early drug discovery, will make KVCC the first new institution, to join the [Core Technology Alliance \(CTA\)](#) since it received its initial funding from the Michigan Economic Development Corporation. The CTA is a coalition of major, life-science research initiatives based at the University of Michigan, Michigan State University, Wayne State University, and the Van Andel Research Institute in Grand Rapids. Its mission is to place the state of Michigan on the leading edge of medical, health-care and industrial breakthroughs via research into the life sciences.

KVCC's Michigan High Throughput Screening (HTS) Center is being installed in 5,000 square feet of space at the Michigan Technical Education Center (M-TEC) in The Groves. Upon completion in June 2005, the screening center will provide the computerized, high-speed and roboticized procedures that can potentially accelerate the drug-discovery process for small pharmaceutical companies, major research universities, and start-up enterprises that are probing the potential of the life sciences and biotechnology for medical and business-development innovations.

"When operational," said James DeHaven, the KVCC M-TEC's executive director, the screening center will be "a self-sustaining, not-for-profit, contract research organization. It will be in sync with and complementary to what the Southwest Michigan Innovation Center is trying to accomplish in biotechnology and the life sciences. The drug-discovery process is complex and costly," he said, "and this will be a tool for the early discovery of compounds that are starting points for the identification of those compounds that show promise in pharmaceutical research and development."

The Manufacturers' Breakfast Series Wraps Up 2004 and Plans an Exciting 2005

Area manufacturers held their fourth quarterly Manufacturers' Breakfast sponsored by National City Bank on December 10th. Over 45 people representing 25+ manufacturing companies discussed how to retain and attract a manufacturing workforce today, tomorrow and beyond. As a result of the Dec. 10th meeting, follow-up meetings were held in January with KRESA, SWMF, and manufacturing company representatives to discuss how to target students of today to be the manufacturing workforce of tomorrow. Another team of manufacturing companies is planning a series of leadership training sessions to help current employees become the company leaders of tomorrow.

The Manufacturers' Breakfast will kick off its first meeting of 2005 on Friday, February 25th from 7:30 - 9:00 a.m. The Breakfast's sponsor, National City Bank, will begin the meeting with a discussion of the area manufacturing economy. The meeting will continue with an outline of a program being planned with KRESA to help target students for future manufacturing jobs. A leadership training program targeting current manufacturing employees will also be discussed. Manufacturers will need to participate in both the student awareness program and the leadership training program to insure success.

Please plan on attending the Feb. 25 Manufacturers' Breakfast. All manufacturers are welcome. RSVP today. For more information, contact Pat Wallace at 269.353.1253 or pwallace@kvcc.edu.

"They say that time changes things, but you actually have to change them yourself"

- Andy Warhol

Notre Dame Certificate in Executive Management Course

The University of Notre Dame, Mendoza College of Business is pleased to announce that the Certificate in Executive Education Program is again available in Kalamazoo beginning March 7, 2005. The second year of partnership with the M-TEC in the Groves promises to be an exciting opportunity for learning, career enhancement and networking. This 20-week evening program is broken down into two semesters presented by Notre Dame faculty who combine theory with real-world experience and examples. Participants can apply what they learn in the evening to work the next morning. The objective is to provide the latest business information to meet the fast-paced challenges of today's competitive business environment. Participants in the Kalamazoo location will gather at M-TEC's state of the art facility and fully participate with the program taking place in South Bend by way of interactive video teleconferencing equipment.

A 10% discount is available for participants representing alumni firms or additional participants from the same organization. For more information, contact Patricia Wallace (pwallace@kvcc.edu) for information and a copy of the brochure or visit the Notre Dame website at <http://executive.nd.edu>.

SHRM Certification Prep Course

If you've been intending to earn your Professional Human Resources (PHR) or Senior Professional Human Resources (SPHR) designation, it may be time to enroll in our updated and expanded HRCI exam preparation course. The course begins February 14th and will meet for 11 weeks on Monday evenings. Participants will earn 3.5 continuing education units (CEUs) for completing this course. Click [here](#) for a course description.

Contact Judy Rose (jrose@kvcc.edu) for further information at 269.353.1253.

Innovation Management Workshop

M-TEC and Southwest Michigan First co-sponsored a workshop presented by BlueGranite to help business leaders learn how to manage innovation. The Innovation Management Workshop facilitated by Bill Guest was held on January 25, 2005 at M-TEC. The seminar presented a clear, straightforward method for participants to identify, prioritize, and track progress on their organization's most important innovation opportunities. The seminar was not on theory alone. The workshop taught business leaders how to apply theory and proven best practices to their business needs.

New ISM Satellite Seminar Series 2005 Available at M-TEC

Three four-hour sessions will be offered via satellite beginning February 10th. The February topic is "Finding and Keeping The Best Sources." Sessions in April and June will cover "Supply Chain Research Trends & Market Intelligence" and "Discovering Supply Management's Social Conscience." These seminars are sponsored by NAPM-Southwest Michigan, Inc. The cost of each session will be \$50 for ISM members and \$60 for non-members. Sign up for one or take all three. Visit our website at www.mteckvcc.com for further information.

M-TEC Staff Changes, Additions & Appointments

Lesia Ward has been promoted to Training Assistant, after holding the receptionist position for 3 1/2 years. Some of the training programs she coordinates include OSHA Health & Safety programs (in partnership with Eastern Michigan University), the Certified Purchasing Manager study group, and the Institute of Supply Management Satellite Seminar Series. For additional information on any of these programs, give Lesia a call at 269.353.1253.

The front desk/receptionist duties are now being handled by Shelby Wagonmaker (Monday and Tuesday) and Kim Campbell (Wednesday through Friday.) We are extremely pleased to welcome Shelby and Kim to our staff.

"Become the change you want to see - those are words I live by."

- Oprah Winfrey

Customer Spotlight (New Feature)

ServiceMaster of Kalamazoo has been serving the Kalamazoo area since 1953 in both the commercial and residential cleaning markets. They provide carpet cleaning for both homes and offices. Janitorial services are also provided, cleaning businesses on a regular basis from 1-7 times per week. In addition, they have crews on call 24/7 to respond to homes or businesses that have water, fire or smoke damage where emergency restoration services are provided.

ServiceMaster has held regular classes at the M-TEC covering such topics as assessment of water and fire damage. These classes are registered with the State of Michigan and provide insurance agents with Continuing Education (CE) credits. They are not only informative, but hands-on which makes them well received by participants.

"Holding these classes at M-TEC has been a great fit" says owner Tom Little. "M-TEC provides easy access from main roads, plenty of parking and state-of-the-art audio visual equipment with very functional rooms. The M-TEC staff is very knowledgeable, helpful and friendly." You can reach Tom Little of ServiceMaster of Kalamazoo at 269.344.3600.

VIDEO TELECONFERENCING– What is It and How Can it Help Your Company?

Video teleconferencing offers a unique advantage over old audio technology teleconferencing. With video teleconferencing, facial communication is not lost. You can witness the smile of approval or capture the grimace of confusion. In addition, you can maximize the effectiveness of meetings by including more participants in the decision-making process. Travel cost is no longer an issue.

With the emergence of new technologies, the world of business is becoming diverse. No longer are companies restricted to operating in areas where their customers and suppliers are located. Today, the most advanced companies can be found in remote areas and in a multitude of offices distributed across the globe.

The technology of multimedia communication is being applied in the world of education as well as the business world. Because of this technology, a host of medical students can witness a new surgical procedure without stepping foot into the operating room, and a sole professor can address assemblies of students in classrooms throughout the world simultaneously. The Notre Dame Certificate in Executive Management is but one example of linking professors from Notre Dame with remote sites in Cincinnati, Indianapolis and now at the M-TEC in Kalamazoo, Michigan. Think of the possibilities for your company!

Contact Judy Rose (jrose@kvcc.edu) for further information and prices at 269.353.1253.

New 2005 Flowserve Classes - Check It Out

Read about the newly added Flowserve classes offered at M-TEC. For more information, contact Kris Bazali (kbazali@kvcc.edu) or call 269.353.1253.

Certified Mixer Repair Technician - if you repair mixing equipment, this is the program for you. The class starts with technology and moves into hands-on repair of several different pieces of equipment. Drives and mechanical seals, single dry running, dual liquid and dry gas types are included. Designed for individuals currently working with, or aspiring to work in, the repair of mixing equipment.

Mixing Equipment Technology - if you are involved with this equipment in any way other than repairing them, you need to attend this one day program to learn what they do, how they do it, and how best to seal the shaft

"The empires of the future are the empires of the mind."

- Sir Winston Churchill

Mechanical Seal Specialist - a full range of seal types are included as are the newest support systems. The class will discuss selection and application of single and dual seals, both liquid and gas barrier designs. You will gain knowledge of the when and why of each type and design. Through the use of operating pumps and specifically designed learning aids, you will learn what to look for to measure performance and eliminate failures.

Root Cause Pump and Seal Failure Analysis-the part that failed is seldom the root cause of the failure; until you correct the root cause...failures will continue.

Essential Metrics Seminar and Workshop

M-TEC will co-sponsor a workshop with BlueGranite on March 24, 2005 to help business leaders identify and implement the optimal top-level balanced performance metrics to drive their firm's performance improvements. The Essential Metrics Seminar and Workshop, facilitated by Bill Guest, will look deeply into the "core" business processes of 1) Operations, 2) Sales, and 3) Innovation to learn how to develop a set of metrics that is balanced across the four Balanced Scorecard perspectives (Financial, Customer, Internal and Employee) and across the three core business processes. For more information call Sarah Papke of BlueGranite at 269.353.7512 x27 or e-mail at spapke@blue-granite.com.

Upcoming Training Events

Employers have long recognized the development of workplace skills as essential for creating and maintaining a competitive advantage. Jobs become increasingly more complex, making training and retraining even more important. Following are some of the offerings currently provided at M-TEC. For a complete class description or to register for any of these classes, please visit our website at www.mteckvcc.com.

[SHRM Certification Preparation Course](#)

[University of Notre Dame's Certificate in Executive Management](#)

[Certified Quality Engineer Preparation Course](#)

[Builders Law Licensing Review](#)

[Shop Floor Management](#)

[Machine Alignment Training](#)

The new three-month Course Offering flyer can be downloaded from our website (you can also click [here](#) for a printable copy.) Please note these courses are changing weekly so keep updated by visiting our website for the latest edition. You never know what you might find - there is even a **FREE Asbestos Awareness Training** by Eastern Michigan University at M-TEC offered twice on February 15th.

We hope you have enjoyed our newsletter. If you have comments about this issue or suggestions for future issues, [please let us know](#). We look forward to hearing from you! To unsubscribe please send an e-mail to mtec@kvcc.edu with the word UNSUBSCRIBE in the subject line and your email address in the body.

M-TEC at KVCC
7107 Elm Valley
Drive
Kalamazoo MI
49009

Phone:269.353.1253

Fax: 269.353.1299

[Send Us An Email](#)

Course Offerings

First Quarter 2005



*Giving Business a
Competitive Edge*



M-TEC AT THE GROVES

COMPLETE COURSE INFORMATION &
REGISTRATION MATERIAL AVAILABLE ON
LINE AT WWW.MTECKVCC.COM

Michigan Technical
Education Center (M-TEC)
7107 Elm Valley Drive
PO Box 4070
Kalamazoo, MI 49003-
4070

Phone: 269-353-1253
Fax: 269-353-1299
E-mail: mtec@kvcc.edu
Website: mteckvcc.com



Dated: 02/03/05

February 2005

	<u>Date Offered</u>	<u>Price</u>
Programmable Controllers-SLC 500 Allen Bradley (Crown Training&Dev)	Feb 1-4	\$650
OSHA 521—Industrial Hygiene (Eastern Michigan Univ)	Feb 8-11	\$750
Gear Maintenance –Cone Drive (Textron Gear Institute)	Feb 9-10	\$350
Finding & Keeping the Best Sources (Institute of Supply Mgmt)	Feb 10	\$50/\$60
Hands-On Electrical Troubleshooting (Lewellyn Technology)	Feb 14-15	\$600
SHRM® Certification Preparation Course	Feb 14-Apr 25	\$935/895
Asbestos Awareness Training (Eastern Michigan Univ)	Feb 15	Free
Builder's Law Licensing Review	Feb 15-24	\$175
OSHA 2225—Respiratory Protection	Feb 16-18	\$675
Root Cause Pump & Seal Analysis (Flowserve)	Feb 17-18	\$795
Hands-On Electrical Troubleshooting (Lewellyn Technology)	Feb 21-22	\$600
Mechanical Seal Specialist (Flowserve)	Feb 21-23	\$1,195
Gear Maintenance—Cone Drive (Textron Gear Institute)	Feb 21-22	\$350
DSC-8500 Operation/Troubleshooting #340 (JCI)	Feb 28-Mar 4	\$1,570

March 2005

Gear Maintenance-Cone Drive (Textron Gear Institute)	Mar 1-2	\$350
OSHA 500—Construction Standards (Eastern Michigan Univ)	Mar 1-4	\$750
Machine Alignment (Crown Training & Development)	Mar 3-4	\$390
Certified Pump Repair Technician Level I (Flowserve)	Mar 7-10	\$1,295
Certificate in Executive Management (Univ of Notre Dame)	Mar 7-Nov 14	\$5,195
Machine Alignment (Crown Training & Development)	Mar 10-11	\$390
Shop Floor Management (SMConsulting)	Mar 10	\$275
DSC-8500 Operation/Troubleshooting #340 (JCI)	Mar 14-18	\$1,570
Siemens PLC and Wonderware Interface (Crown Training & Dev.)	Mar 15-19	\$800
OSHA 503—General Industry Update (Eastern Michigan Univ)	Mar 16-18	\$675
Certified Quality Engineer - Preparation Course for Exam	Mar 16-May 11	\$500
Siemens PLC and Wonderware Interface (Crown Training & Dev.)	Mar 21 – 25	\$800
Mechanical Seal Specialist (Flowserve)	Mar 21-23	\$1,195
Machine Alignment (Crown Training & Development)	Mar 21-22	\$390
Siemens PLC and Wonderware Interface (Crown Training & Dev.)	Mar 29 – Apr 2	\$800

April 2005

Root Cause Pump & Seal Analysis (Flowserve)	Apr 4-5	\$795
OSHA 510 Standard for Construction (Eastern Michigan Univ.)	Apr 5-8	\$750
Basic Instrumentation and Smart Transmitters: Pressure, Level, Flow and Temperature (Crown Training and Development)	Apr 12-16	Call
Basic Instrumentation and Smart Transmitters: Pressure, Level, Flow and Temperature (Crown Training and Development)	Apr 19-23	Call
Basic Instrumentation and Smart Transmitters: Pressure, Level, Flow and Temperature (Crown Training and Development)	Apr 26-30	Call