

Macomb Community College: July 13-15, 2010

Hotel availability: A list of hotels within a few miles of the college is provided on the [Conference web page](#). Prices range from inexpensive to high-end (Sterling Inn). Feel free to choose from the list or one of your own. Special rates are noted. If special rates are not available, business is slow in July, so you may still find very cheap pricing.

Event Location: Macomb Community College South Campus,
John Lewis Center, Building K
14500 East 12 Mile Road
Warren, Michigan 48088

Campus map:

<http://www.macomb.edu/About+Macomb/Maps+and+Locations/South+Campus.htm>

Area map:

<http://www.macomb.edu/NR/rdonlyres/F6755B8E-5039-4D09-AB61-98F1F3C02AC2/0/AreaMap.pdf>

Meals: One dinner, 3 continental breakfasts, & 3 lunches provided.
Keynote Speaker: Dr. Jim Jacobs, President Macomb Community College
Guest Speakers: Jeff Metts, President Dowding Machining
Radio interviews: <http://www.dowdingmachining.com/>

Detroit Princess Dinner Cruise: <http://www.detroitprincess.com/>

Date: July 13, 2010; 7-10 PM

Departure: Macomb Community College, K Building parking lot
Begin boarding buses at 5:30 pm.
We will break early to allow you to return to the hotel to change.

Dress: Business Casual

Tickets: We will assume all registrants will attend the dinner cruise.
If you cannot attend, please notify us as tickets cost \$55.
All tickets will be issued Tuesday at the event after lunch.
Notify [Sharon Simas](#) 30 days in advance otherwise.
586-445-7465 simass@macomb.edu

Spouses: Spouses are welcome for an additional \$55, payable during registration. Last minute additions may be difficult.

Local Attractions:

A list of local attractions is available on the [Conference web page](#). This will provide visitors with a list of activities to consider before or after the event. We hope you can spend the week in Michigan with us and explore our beautiful state!

Meanwhile, please visit <http://www.michigan.org/default.aspx> for a taste of Michigan.

FIELD TRIPS:

General Motors Technical Center: July 14, 2010

See how cars are made, from concept through reality. The tour will include the Virtual Reality Center, the new battery lab, the wind tunnel, and the CNC lab where they machine full size car bodies. Finally, we will end the day at the Heritage Center—a private collection of historical concept cars—not open to the public.

Even more—learn about the technologies used in the Chevy Volt—and take it for a test ride! We plan to have one on display at the college for the event. The Volt is planned for release in the Fall of 2010.

<http://michiganmodern.org/buildings/gmtechcenter/>

http://www.pbworld.com/projects/featured/gm_technical_center_53321.asp

http://en.wikipedia.org/wiki/General_Motors_Technical_Center

http://www.chevrolet.com/pages/open/default/future/volt.do?seo=goo_|_2009_Chevy_Awareness_|_IMG_Chevy_Volt_Phase_2_Branded_|_Chevy_Volt_|_chevy_volt

US Army Tank-Automotive Research, Development, & Engineering Center: July 15, 2010

TARDEC's mission is to develop, integrate and sustain the right technology solutions for all manned and unmanned DOD ground systems and combat support systems to improve Current Force effectiveness and provide superior capabilities for the future.

Designed with the capability to test military vehicles of all sizes and purposes, the Department of Defense's Ground Systems Power and Energy Laboratory (GSPEL) is unlike anything else in the world. The 8-labs-in-1 complex has one-of-a-kind research and testing capabilities.

The capabilities combined in these world class labs will advance power and energy for ground vehicles, further research into alternative fuels and propulsion systems and focus efforts to address critical combat vehicle fuel efficiencies. These labs test under extreme environmental conditions.

<http://tardec.army.mil/>

We'll begin in the Auditorium for an overview. Then we'll divide into groups of 25 and tour the following departments. Time permitting, we'll gather in the auditorium to wrap up before boarding the buses to return to the college.

- 1) Modeling and Simulation , Testing, & Validation (MSTV): Vehicle & Soldier
- 2) Force Projection Technology (ground fuels, water quality, counter IED)
- 3) Power & Energy (Heat Lab & Engine Dyno)
- 4) Robotic Systems (unmanned vehicles capable of engaging & destroying threats)
- 5) Prototype Integration Facility (Haas CNC Lab)

NOTES:

- **The TARDEC tour is limited to U.S. citizens.** Therefore, we will provide an additional activity for non US citizens. We apologize in advance but we must respectfully follow the rules set out by our Department of Defense.

- **TARDEC Security Check:**
 - Each visitor must present a valid U.S. driver license before entering the bus.
 - We will arrive at TARDEC in buses and may again be checked before entering the base.
 - Do not bring anything extra to leave on the bus.
 - The tour will end at approximately 4 pm (4:30 at the latest). We'll board buses and return to the college by 5 pm. **ONCE YOU'RE ON BASE YOU CANNOT LEAVE ON YOUR OWN.** Therefore, please plan your flight departures accordingly. While the Detroit Metro airport (DTW) is only ½ hour away, allow adequate time to arrive at the airport and get checked in. I would suggest allowing at least two hours.

- **COMFORT & SAFETY:**
 - We will provide water during the tour and will have a break during the tour.
 - Dress attire should be business casual. No shorts. Wear closed toe shoes. For the women - it has been recommended not to wear high heels. Dress shop safe. Wear comfortable walking shoes as we will be walking a lot throughout the facility from lab to lab.
 - We will provide safety glasses. If you prefer your own, that's fine.