



***What is TIME: Technology Initiative in Manufacturing and Engineering project?***

Technology Initiative in Manufacturing and Engineering (TIME) is a collaborative effort of East Mississippi Community College (EMCC), Itawamba Community College (ICC), Mississippi State University's Center for Science, Mathematics, and Technology, and regional industries. TIME will develop a model that unites education and industry to train qualified technicians for the high-tech fields which are driving the economy.

**Funded by:**



**MISSISSIPPI STATE  
UNIVERSITY**



***TIME:  
TECHNOLOGY  
INITIATIVE IN  
MANUFACTURING  
AND  
ENGINEERING***

***A PROFESSIONAL  
DEVELOPMENT  
OPPORTUNITY FOR  
GRADES 7-12  
MATHEMATICS,  
SCIENCE AND  
TECHNOLOGY  
TEACHERS AND  
COUNSELORS***

***JUNE 7-18, 2010***



- backgrounds in science and mathematics that is aligned with MDE's *Redesigning* curriculum;
- Improve relationships among K-12 education, community colleges, universities, and industry designed to increase student interest in STEM careers to provide the foundation for a continuous focus on training technicians.

### ***Who can participate in TIME?***

- Grades 7-12 science, mathematics and/or technology teachers
- Middle/high school counselors

### ***Program Goals:***

- Increase opportunities for 7 – 12<sup>th</sup> grade teachers and school counselors to experience applications of science, technology, engineering, and mathematics in the modern technology-driven manufacturing world;
- Increase opportunities for 7 – 12<sup>th</sup> grade teachers and school counselors to experience community college courses/certifications that provide necessary skills sets for technology-driven jobs;
- Incorporate workplace experiences into the classroom lesson plans to enhance student development of basic workplace competencies, technical skills, and academic

### ***What is expected of TIME participants?***

- Score *Silver* level or higher on the Career Readiness Credentials test before being accepted
- Letter of support from school administrator
- Two-week summer workshop commitment
- Attendance at two follow-up meetings during the academic school year (October and February)
- Development of lesson and action plans incorporating workshop experiences into the classroom
- Provide professional development in your home school district
- Mentor teachers in your school

- One classroom observation by project staff

### ***Sample Workshop Sessions:***

- Blueprint Reading
- Computer - Learnmate
- Computer Numeric Control
- Electrical
- Fluid Power
- Programmable Logic Control
- Precision Measurement
- Quality Controls
- Hands-on Experiences with Industry Partners

### ***What Participants Receive:***

- Professional fee of \$100 per day (two-week workshop and two follow-up one-day workshops – total \$1,200)
- Travel reimbursement up to \$125
- Meal reimbursement up to \$15 per day
- Up to 8 CEUs

### ***How to Apply:***

Please apply on-line at <http://www.csmt.msstate.edu>. Up to thirty-two (32) participants will be selected (16 for each site – EMCC and ICC).

**Deadline for Applying: March 1, 2010**

***For Additional Information:***

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