

# Lean Manufacturing for Metalcasters

**Course Dates:** July 28-29, 2010

**Course Location:** Williamsport, PA

- Specific details regarding hotel room block and course meeting location will be provided in the confirmation letter emailed to you upon registration.

**Course Fees:** \$710/\$810 (Member/Nonmember)

**Instructor:** Frank Peters, Iowa State University

**Continuing Education:** 1.1 CEUs awarded

## Tentative Course Outline:

### Day 1

8:00 am – 5:00 pm, 6:00 pm – 8:30 pm (dinner)

Registration & Introductions

Recognizing Waste & Opportunities for Lean Manufacturing in Metalcasting Job Shops

Introduction to Projects

Process Flow and the Use of Value Stream Mapping

Workplace Organization- 5 S

Kaizen Process

Project Justification

Lunch

Travel to Metalcasting Facilities

Shop Tours & Work on Projects

Travel to Hotel

Tour Discussion, Begin Projects

Dinner, Work on Projects

### Day 2

7:30 am – 3:30 pm

Meet at Plants to Work on Projects

Travel to Hotel

Setup Reduction

Product & Process Variability: Pitfalls and Successes

Load Balancing, Inventory Reduction, Scheduling Strategies

Working Lunch

Negative Impacts of Lean Implementation

Project Presentations

Course Evaluation & Wrap-up

**Cancellations:** Cancellations and Substitutions Substitute students will be accepted anytime. However, cancellations of confirmed registrants with full refund of course fees cannot be accepted unless received one week prior to course date. After that time, a \$25 penalty will be assessed. *In the event a course is cancelled for any reason, CMI liability is limited to the return of the registration fee.*

**Tax Deduction:** An income tax deduction is allowed for expenses of education (including registration fee, travel, meals and lodging) undertaken to maintain and improve professional skills. (See U.S. Treas. Regulation 1.162.5.)



The Cast Metals Institute has been approved as an Authorized Provider by the International Association for Continuing Education and Training (IACET), 8405 Greensboro Dr. Suite 800, McLean, VA 22102.