

## **Armstrong University Classroom Details:**

Class Length: A two-day informative hands-on experience that begins at 8:00 a.m. on day 1 and concludes by 5:00 p.m. on day 2.

Tuition: The \$525 class fee includes: 1.8 CEU credits, all course materials and meals. Armstrong will arrange for your hotel stay, however each attendee is responsible for hotel room charges and transportation.

Note: Tuition is due prior to attending

### ***What are students saying about Armstrong University?***

**“I am impressed by the whole experience of Steam University. The speakers are fun & knowledgable, products are well designed and built. The whole company has good karma. You take pride in what you do and that really shows.”- Student from Engineering firm in Wisconsin**

**“Very nice and informative presentations. I feel I gained a lot of very valuable information. The company’s approach to operation and management is very enlightening!” - Student from Consulting Firm in Indiana**

**Armstrong International, Inc.**  
816 Maple St.

Three Rivers, MI 49093

(269) 273-1415

Ext. 3296 or 3301

Visit our Web:

[armstronginternational.com](http://armstronginternational.com)



Armstrong is pleased to share our knowledge because we are convinced this is the best way to solve problems, meet individual needs and maximize the return on your energy investment, not to mention we know how to have fun at work.

### **Knowledge Not Shared Is Energy Wasted!**

**Enroll By Fax:**

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Date of Seminar: \_\_\_\_\_

[lori@armstronginternational.com](mailto:lori@armstronginternational.com)

[dhc@armstronginternational.com](mailto:dhc@armstronginternational.com)

Fax To: (269) 273-9500

Attn: Lori Masnari or Dave Casterline



**Accredited by Michigan Technical Education Center Through  
Kalamazoo Valley Community College**

# **Armstrong University**



## **2012 Class Information**

## About Armstrong University . . .

Armstrong University (AU), founded in 1958, is designed to cover a variety of classroom framework that focuses on the overall benefits of steam utilization for industrial applications. In September 2004, AU training added CEU's (1.8 continuing education units) from an accredited institution of higher learning education. Come and experience our new renovation and added technology completed in July 2005.

AU's teaching professionals boast many years of experience and knowledge in the use of steam spanning a variety of applications. They have each tailored their lessons to address your needs in the field. Classes are designed to target both new and seasoned veterans of steam utilization. It is not at all uncommon for steam users to visit AU several times, understanding that they must stay current with changes in the industry.

### Learn about:

- Steam Fundamentals
- Steam Trap Operation
- Steam Trap Testing & Troubleshooting
- Trap Construction & Repair
- Trap Sizing
- Low Pressure Trapping
- Water Hammer
- Low Load Trapping
- Coil Trapping
- Piping for Drip & Tracer Systems
- Piping for Process Applications
- Fundamentals of Humidification
- Mechanical vs. Electric Condensate Return
- Pressure Reducing Valves
- Instantaneous & Gas Hot Water Heaters
- Hose Stations
- Temperature Control Valves... and more!

At Armstrong, you will learn how to cash in on long-term labor, material and energy savings. Starting with the basics of steam, typical installations, their operations & proper sizing, maintenance and safety. Sessions are informal with plenty of chances to participate in hands on situations and ask many ques-

### Who Attends AU?

Managers and engineers involved in key decision-making matters tied to the overall savings found in steam system utilization. In addition, pipe fitters, plumbers and maintenance personnel. Many firms are sending those key people that are directing preventative maintenance programs tied to energy savings. Quite frankly, anyone interested or involved in improving their overall knowledge of the following: steam; valving; fluid handling; humidification; water heaters; and safety issues including water hammer -- ultimately, all leading to energy savings.

The AU Campus provides great insight to the Armstrong culture and helpful information with hands-on learning in a unique environment.



## 2012 AU Schedule:

January 24-25  
February 28-29  
March 27-28  
April 24-25  
May 22-23  
June 26-27  
September 25-26  
October 23-24  
November 27-28

Call **Armstrong International, Inc.** to register for a class at AU:  
(269) 273-1415, ext. 3296 or 3301;  
fax (269) 273-9500; or e-mail  
[lori@armstronginternational.com](mailto:lori@armstronginternational.com) or  
[dhc@armstronginternational.com](mailto:dhc@armstronginternational.com) with  
your requested class training date.

