

### General Welding **\$349**

**Course #:** 25007 **Date(s):** 9/29/09-11/24/09  
**Site:** Emmetsburg (2105) **Time:** 6:30-9:30pm (Tues.)

Topics include common welding and cutting processes, weldability of metals, identification of metals, welding terms and definitions. No welding experience required. Upon completion students have the option to take certification exams in one or more of the AWS, API or ASME codes for an additional fee of \$100 per exam. Instructor is a Certified Welding Educator and Certified Welding Inspector through the American Welding Society.

### Biodiesel Mechanics **\$15**

**Course #:** 25843 **Date(s):** 12/2/09  
**Site:** Emmetsburg (2104) **Time:** 5-8:30pm (Wed.)

Commonly, the biodiesel community hears anecdotes of diesel mechanics discouraging the use of biodiesel. A thirst for good information and education about renewable fuels exist. The intent of this course is to raise the level of knowledge of biodiesel and its performance in diesel engines. Supper is provided.

### Variable Frequency Drives **\$249**

**Course #:** 25319 **Date(s):** 10/27/09  
**Site:** Algona **Time:** 9am-4pm (Tues.)

This course introduces the student to the VFD and provides an understanding of its functions. The Allen-Bradley Powerflex 40 VFD will be used for this session. This class is approved for 6 electrical continuing education hours for Iowa. Please provide license or application number at time of registration.

## Customized Business Training

We can provide customized training and problem-solving expertise for your organizational challenges. All classes and courses listed in this edition of our catalog, in addition to a variety of other industrial and business-related topics, can be tailored to meet your needs and delivered at the location of your choice.

**For more information,  
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## Mark Your Calendar

### Managing Change

with Kathy Peterson is coming  
**March 31, 2010**

Watch for details in the spring catalog!

### 2008 NEC Update **\$249**

**Course #:** 25320 **Date(s):** 11/10/09  
**Site:** Algona **Time:** 9am-4pm (Tues.)

This presentation will cover areas in the 2008 code where changes to the code will have the biggest impact. Some prior knowledge of the previous 2005 code will be helpful in understanding how these changes will affect your installations. Bring your 2008 NEC book (required) for this session. This class is approved for 6 Iowa electrical continuing education hours. Please provide license or application number at time of registration.

### 2008 NEC Concepts & Calculations **\$249**

**Course #:** 25318 **Date(s):** 10/20/09  
**Site:** Algona **Time:** 9am-4pm (Tues.)

This seminar enhances the participant's working knowledge of the NEC, with the focus of the session covering chapters 1 thru 4, including tables found in chapter 9. Worksheets with example calculations such as box fill, voltage drop, conductor ampacity, conduit fill and motor branch and feeder circuits will be discussed during this session. Bring your 2008 NEC book and calculator (required) for this session. This class is approved for 6 electrical continuing education hours for Iowa. Please provide license or application number at time of registration.

## Professional Development

### Key Principles Every Leader Should Know **\$59**

**Course #:** 25317 **Date(s):** 10/23/09  
**Site:** Spencer **Time:** 8:30-11:30am (Fri.)

Whether you are new to a supervisory role or have been supervising for years, you will see how these principles apply directly to your work and leave this session armed with practical strategies that can be implemented to make you a more confident and effective leader.

**About the Instructor:** Brenda Clark Hamilton, MA Ed. is a dynamic trainer who provides fresh perspectives in leadership, communication skills and team-building. A Congressional Teaching Scholar, Brenda holds a Master's degree in English Education. Past program participants describe Brenda as a fun, engaging speaker who presents useful strategies that can be implemented in their daily lives right away.