

FEMP Core Course

Building Automation Systems for Existing Federal Facilities

0.40 FEMP CEUs

The U.S. Department of Energy (DOE) Federal Energy Management Program (FEMP) presents an eTraining Core Course:

[**Building Automation Systems for Existing Federal Facilities**](#)
available on the Whole Building Design Guide (WBDG) website.

FEMP Expert Brad Gustafson will offer training to explore how to use Building Automation Systems to integrate existing HVAC, lighting, and other systems using normalized data and open communications protocols.

By completing this course you will have a demonstrated knowledge of:

- Applying GSA Smart Building Standards for open, converged, and normalized building automation;
- Integrating existing systems through open communication protocols;
- Making decisions on critical BAS functionality as it applies to: efficiency/cost cutting, indoor environmental quality, operations and maintenance, and safety and security;
- Identifying results-oriented objectives in development of an RFP;
- Developing a design plan including sequences of operations, control strategies, schematics, and points lists;
- Federal and industry standards and guidance related to BAS;
- Developing RFPs for BAS design and installation;
- Considering financing mechanisms for the BAS; and
- Maximizing the installed BAS to improve overall efficiency.

After completing a course evaluation and multiple-choice assessment, participants will receive a certificate of completion and FEMP Continuing Education Units.

FEMP Core Courses are designed for Federal energy and facility managers, but are open to all individuals at femp.energy.gov/training. Hosted in partnership with the National Institute of Building Sciences Whole Building Design Guide at http://www.wbdg.org/education/femp_ce.php.

Requires Google Chrome, Firefox 4.0+, Internet Explorer 7.0+ or Safari, and the Adobe Flash 9+ plugin.

For more information, visit the [FEMP Training](#) website.

For other free, self-paced eTraining Core Courses offered by FEMP in association with the Whole Building Design Guide, visit <http://apps1.eere.energy.gov/femp/training/etraining.cfm>

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