

FORM FOR SCORING OF TRAINING RESOURCE TO FULFILL FEDERAL BUILDING PERSONNEL TRAINING ACT (FBPTA) CORE COMPETENCIES

The FBPTA requires Federal building personnel to demonstrate compliance with a set of Core Competencies. The General Services Administration (GSA) accepts submissions for courses, certificates, certifications, accreditations, registrations, licenses, and other qualifications that demonstrate alignment with the FBPTA Core Competencies. GSA will post resources that sufficiently map to FBPTA Core Competency requirements on the FMI webpage (www.fmi.gov) and may incorporate them into the Core Competency Web Tool. The Web Tool allows Federal buildings personnel to immediately claim credit for competencies met by completing approved training. FMI and the Core Competency Web Tool help Federal employees identify appropriate training, and allow Federal agencies to share information on training sources. To qualify for consideration, submitters complete this form describing how a specific training resource, certification / accreditation, license or other resource aligns with FBPTA core competencies through AskFMI@gsa.gov.

Initial Review Conducted By: **Maria Fara**

Initial Review Submission Completion Date: **August 30, 2013**

Technical Review Conducted By: **Angela Lewis**

Technical Review Submission Completion Date: **December 26, 2013**

Alignment of Competency with Functional Roles

	Often Aligned with Facility Management roles (24/43 Core Competencies)
	Often Aligned with Building Operations Professional roles (6/43 Core Competencies)
	Often Aligned with Energy Management Role (7/43 Core Competencies)
	Often Aligned with more than one role (6/43 Core Competencies)

1. Please complete the following for each training course submitted for consideration:

Training provider: **Department of Energy: Federal Energy Management Program (FEMP)**

Provider address information (primary physical location, including address, city, state, zip code): **Department of Energy, Federal Energy Management Program, 5E-089, Forestal Building, 1000 Independence Avenue, Washington, D.C. 20585**

Provider's primary point of contact for this learning resource (name, primary physical location (if different from provider address information), phone, and email): **Beverly Dyer 202-586-7241, beverly.dyer@ee.doe.gov.**

Title of this training resource: **FEMPFTS19: Implementing Deep Retrofits: A Whole Building Approach**

Type of training course: **seminar offered live via live streaming and satellite downlink broadcast and archived for 24/7 participation**

Does this course provide CEUs (Continuing Education Units) and if so, how many and for what occupation or field? **FEMP offers .20 CEUs for this course.**

Learning objective(s) associated with this training course:

- Select appropriate facilities for deep retrofits and set performance objectives
- Employ an integrated design process and end use technology applications for deep retrofits
- Determine how you will ensure optimal performance
- Identify DOE and industry resources to support decision making processes

Delivery method and learning methods (delivery methods may include online instruction, classroom instruction, or other means, and learning methods could include lecture, group work, essay work, quizzes, or other learning activities): **This is 90 minute seminar that includes a lecture by a nationally recognized expert(s), video presentations with FEMP experts, and a live question and answer session. Learners complete a quiz and an evaluation to receive CEUs.**

Length of training (in hours): **90 minutes plus the time to complete the quiz**

URL link to information about the training course, content, and/or syllabus: **<http://www.wbdg.org/education/femp19.php>**

2. Review the course objective(s) that have been submitted as being aligned with required FBPTA performance criteria. Review the learning methods in the course that will support that learning objective(s).

FBPTA Core Competency Area	FBPTA Core Competency	Required FBPTA performance criteria	Based on technical review of learning objectives and skills, does this resource map to the performance criteria?	Initial Review: Are all submission requirements included?	Initial Review: Are descriptions clear and logical?	Initial Review: Are all materials referenced included with the submission?	Technical Review: Learning Objectives Reviewed	Technical Review: Skills Reviewed	Technical Review: Are there any clarifications requested?	If clarification requested, note here	Clarification Response From Provider	Technical Review: Identify other materials submitted	Technical Review: Other Materials Reviewed
1. Management of Facilities O&M	1.1 Management of Building Systems	1.1.6. Demonstrate ability to monitor and evaluate how well building systems perform.	No, based on the review of the learning objectives and the skills/materials covered, this course does not address demonstrate ability to monitor and evaluate how well building systems perform.	Yes	Yes	Yes	Yes	Yes	Yes	It is not clear that the course addresses the performance criteria. A performance criterion 1.1.6 is focused on monitoring and evaluating the performance of building systems that are currently installed within a building. The information provided about the course is focused on retrofits, the replacement of building systems. Please review the performance criterion again to make sure the correct learning objectives, skills and materials covered have been submitted to review this performance criterion.		Course material provided in the link	Yes

4. Energy Management													
4. Energy Management	4.5. Planning, Project and Program Management	4.1. Systems and Demand Reduction	4.1.1. Demonstrate knowledge of building systems and how they affect energy use	No, based on the review of the learning objectives and the skills/materials covered, this course does not address demonstrate knowledge of building systems and how they affect energy use.	Yes	Yes	Yes	Yes	Yes	Yes	Performance criteria 4.1.1 requires that the course demonstrate knowledge of the following building systems HVAC, electrical, lighting, envelop, and fuel systems, as well as motors and drives. If the course indirectly covers knowledge of building systems, please provide further explanation and/or supporting materials to demonstrate how the course aligns with this performance criterion. For example, how do learners gain knowledge of building systems within discussions on any of the following topics energy conservation measures (ECMs), the integrated design process, decision making processes, create pathways towards net zero and/or establish performance accountability through measurement and verification?	Course material provided in the link	Yes
			4.5.9. Demonstrate knowledge and ability to monitor facility energy projects.	Partial, the course focuses on selecting appropriate facilities, as well as the process to complete a deep retrofit. By understanding the process to complete a deep retrofit, an energy manager will have gained the knowledge necessary to monitor a facility energy project. Only partial credit has been awarded because the course focuses on one, of multiple possible, types of facility energy projects. To receive full credit, the course must not be limited to one type of facility energy project.	Yes	Yes	Yes	Yes	Yes	No		Course material provided in the link	Yes
6. Design													
6. Design	6.1. Planning	6.1.4. Demonstrate understanding of the concept of "Deep Energy Retrofits" (DER) and how and when to initiate. http://apps1.eere.energy.gov/femp/training/course_detail_live.cfm/CourseDateId=387	Yes, based on the review of the learning objectives and the skills/materials covered, the topics listed should include demonstrate an understanding of the concepts of deep energy retrofits.	Yes	Yes	Yes	Yes	Yes	No			Course material provided in the link	Yes