Technical Review Submission Completion Date: August 28, 2013

Technical Review Conducted By: Kathy Power

Provider's primary point of contact for this learning resource (name, primary physical location (if different from provider address information), phone, and email):

Ron Bishop, (410) 974-1410 x1259, rbishop@bomi.org

Provider address information (primary physical location, including address, city, state, zip code):

One Park Place Suite 475, Annapolis, MD 21401

Type of training course:

Title of this training resource:

Fundamentals of Facilities Management

Training provider:

BOMI International

URL link to information about the training course, content, and/or syllabus:

http://www.bomi.org/Courses/Fundamentals-of-Facilities-Management/

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):

Instructor Led Online, Self-Study, Live Classroom/Accelerated Review. Learning Methods, lecture, group work, essay work, quizzes, or other learning activities.

Learning objective(s) associated with this training course:

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

Does this training resource, certification / accreditation, license or other resource align with FBPTA Core Competencies through AskFMI@gsa.gov.

Does this resource map to the performance criteria?

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 in the FBPTA webpage (www.fmi.gov) and may incorporate them into the Core Competency Web Tool. The Web Tool allows Federal building personnel to immediately claim credit for competencies met by completing approved training. FBPTA and the Core Competency Web Tool help Federal employees identify appropriate training, and allow Federal agencies to share information on training resources. To qualify for consideration, submissions complete the form describing how a specific training resource, certification / accreditation, license or other resource aligns with FBPTA core competencies through AskFMI@gsa.gov.

Form for Scoring of Training Resource to Fulfill Federal Building Personnel Training Act (FBPTA) Core Competencies

<table>
<thead>
<tr>
<th>FBPTA Core Competency</th>
<th>Often Aligned with Facility Management roles (24/43 Core Competencies)</th>
<th>Often Aligned with Building Operations Professional roles (9/43 Core Competencies)</th>
<th>Often Aligned with Energy Management roles (1/4 Core Competencies)</th>
<th>Often Aligned with more than one role (6/43 Core Competencies)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Demonstrate ability to oversee the acquisition, installation, and operation of building systems.</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>2. Demonstrate ability to work with Facilities Team to establish practices and procedures.</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Original Initial Review: August 30, 2013

Technical Review: September 26, 2013

Technical Review Conducted By: Kathy Power

Technical Review Submission Completion Date: January 20, 2014

Initial Review:

Technical Review:

Technical Review submitted for consideration:

Fundamentals of Facilities Management

Submitted for consideration:

Area

Competency

FBPTA Core

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Technical Review: September 26, 2013

Technical Review Conducted By: Kathy Power

Technical Review Submission Completion Date: January 20, 2014

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Initial Review:

Technical Review:
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<tr>
<th>1.1.7 Demonstrate ability to manage corrective, preventive and predictive maintenance.</th>
<th>Yes</th>
<th>Yes</th>
<th>Yes</th>
<th>Yes</th>
<th>Yes</th>
<th>Yes</th>
<th>Request clarification: It does not appear that the course demonstrates ability to manage corrective, preventive and predictive maintenance.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.3.3 Demonstrate ability to evaluate the performance of grounds and exterior elements.</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>Yes, based on the learning objectives and skills listed, it appears that the course demonstrates ability to evaluate the performance of grounds and exterior elements.</td>
</tr>
<tr>
<td>1.3.5 Demonstrate ability to manage the maintenance and custodial needs of building exterior elements.</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>Yes, based on the learning objectives and skills listed, it appears that the course demonstrates ability to manage the maintenance and custodial needs of building exterior elements.</td>
</tr>
<tr>
<td>2.4.2 Demonstrate ability to work with Security Personnel as required.</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>Yes, based on the learning objectives and skills listed, it appears that the course demonstrates ability to work with Security Personnel as required.</td>
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<td>2.6 Demonstrate ability to work with Security Personnel as required.</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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Course description from: [provided link](#)
| 6.3.1 Administrative knowledge and ability to manage and coordinate project execution | 9.1.1 Demonstrate ability to work in integrated project teams to execute, small, medium, and large projects. | http://www.wbdg.org/project/pm.php#mr | No, based on the learning objectives, it appears that the course does not demonstrate knowledge of building systems and how they affect energy use. | 9.1.2 Demonstrate knowledge and ability to follow Project Management processes and procedures per your organization’s preferred methodology. | http://www.wbdg.org/project/deliveryteams.php | No, based on the learning objectives, it appears that the course does not cover knowledge of HVAC systems and how they affect energy use. The course describes various CAFM systems and how they affect energy use, but it does not cover the knowledge of the following building systems and how they affect energy use: Electrical Systems, Motors and drives, Lighting Systems, Building Envelope, and Fuel Systems - Fuel Selection. | 9.2.1 Demonstrate ability to manage and coordinate project execution. | No, based on the learning objectives, it appears that the course does not cover the knowledge of HVAC systems and how they affect energy use. The course describes various CAFM systems and how they affect energy use, but it does not cover the knowledge of the following building systems and how they affect energy use: Electrical Systems, Motors and drives, Lighting Systems, Building Envelope, and Fuel Systems - Fuel Selection. | 9.3.1 Demonstrate knowledge of and ability to perform project closeout functions. | No, based on the learning objectives, it appears that the course does not cover knowledge of HVAC systems and how they affect energy use. The course describes various CAFM systems and how they affect energy use, but it does not cover the knowledge of the following building systems and how they affect energy use: Electrical Systems, Motors and drives, Lighting Systems, Building Envelope, and Fuel Systems - Fuel Selection. | 9.4.1 Demonstrate knowledge of PM and scheduling software, where to find and calculate direct costs required for an LCCA. | http://www.wbdg.org/project/deliveryteams.php | No, based on the learning objectives, it appears that the course does not cover knowledge of HVAC systems and how they affect energy use. The course describes various CAFM systems and how they affect energy use, but it does not cover the knowledge of the following building systems and how they affect energy use: Electrical Systems, Motors and drives, Lighting Systems, Building Envelope, and Fuel Systems - Fuel Selection. |
Yes, based on the skills listed, it appears that the course will demonstrate knowledge of how to find and calculate the basic costs required for an LCCA.

Yes, based on the skills listed, it appears that the course will demonstrate knowledge of additional methods for calculating TCO and other economic analyses.

Yes, based on the skills listed, it appears that the course will demonstrate knowledge of and ability to effectively govern/oversee a contract to ensure compliance and full value of the service or product being provided.

No, based on the learning objectives and skills listed, it appears that the course will demonstrate ability to conduct periodic financial reviews and produce required reports.

No, based on the learning objectives and skills listed, it appears that the course will demonstrate ability to prioritize projects or programs based on funding levels.

No, based on the learning objectives and skills listed, it appears that the course will demonstrate ability to conduct periodic financial reviews and produce required reports.

Yes, based on the skills listed, it appears that the course will demonstrate ability to develop and manage a project or program budget.

No, based on the learning objectives and skills listed, it appears that the course will demonstrate knowledge of how to find and calculate the basic costs required for an LCCA.

Yes, based on the skills listed, it appears that the course will demonstrate ability to quantify potential for cost savings and cost avoidance.

Yes, based on the skills listed, it appears that the course will demonstrate knowledge of and ability to effectively govern/oversee a contract to ensure compliance and full value of the service or product being provided.

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<th>Course Description</th>
<th>Yes</th>
<th>No</th>
<th>Partial</th>
<th>Partial</th>
<th>Request clarification</th>
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<tr>
<td>1.1.2. Demonstrate ability to supervise personnel as required.</td>
<td>Yes</td>
<td>No</td>
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<td>Yes</td>
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<td>1.2. Demonstrate knowledge and ability to investigate ways to improve facility services.</td>
<td>Yes</td>
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<td>Yes</td>
<td>Yes</td>
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<td>1.3. Demonstrate knowledge and ability to assess risks and opportunities.</td>
<td>Yes</td>
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<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<td>Yes</td>
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<td>1.4. Demonstrate knowledge and ability to provide decision makers with better information about the total long-term costs and consequences of a particular course of action.</td>
<td>Yes</td>
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<td>Yes</td>
</tr>
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<td>2.1. Demonstrate knowledge of the differences between qualitative and quantitative data and how to gather / calculate each.</td>
<td>Yes</td>
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<td>Yes</td>
<td>Yes</td>
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