AIA Continuing Education Provider

The American Institute of Architects (AIA)
Continuing Education System
TOTO Registered Provider Program Summary Handout

Provider: **TOTO**

AIA Course Number: **ITO22P**

Length: **1 Hour**

Credits: **1 AIA HSW CE Hour. 1 IDCEC HSW CEU. 1 ASPE CEH. 1 GBCI General, LEED Specific BD+C, O+M, and WELL Specific Hour**

Course Title: **Smart Restrooms For Smart Cities: How IoT Technology Can Improve Sustainability and Customer Experience**

Description

Megatrends, global threats, and the acceleration of technology have collided to present design professionals with serious challenges but also innovative solutions. The Internet of Things (IoT) is a cutting-edge technology that allows devices to create a global communication network by exchanging data through the internet and allowing design professionals to make better decisions. In this course, we discuss how the Internet of Things (IoT) works and how it can help design professionals create sustainable buildings and improve occupant experience. We describe how LEED and WELL project teams can benefit from Smart Restrooms and plan future design improvements to save money and precious resources.

Learning Objectives

By completing this course, the design professional will be able to:

1. Discuss the Internet of Things (IoT) in the built environment and how it can help design professionals create sustainable buildings and improve occupant experience.
2. Describe how the Internet of Things (IoT) can help design professionals working on LEED v4.1 and WELL v2 projects increase sustainability and enhance the comfort of occupants.
3. Explain how the Internet of Things (IoT) can help building occupants live better and work smarter by empowering building managers with right data to understand user patterns, to automate processes, enhance maintenance productivity, and make better decisions.
4. Examine how Smart Restrooms can help design professionals improve safety, hygiene, and plan future design considerations to save money and precious resources.
5. Review how megatrends and global threats like climate change and pandemics can be mitigated by Internet of Things (IoT) solutions for more adaptability in applications in Smart Cities.

Method of Delivery

The course is offered to design professionals in a lunch and learn classroom setting. The course is presented in PowerPoint.

Cost to Participants

The course is sponsored by the manufacturer and is therefore offered to designers at no cost.

For more information or to schedule, please contact

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