

# BOAMA

EDUCATION



CLASSES

## Boilers, Heating Systems and Applied Mathematics (SMT)

- Start Date: Wednesdays, January 15th (tentative) 6:00 PM – 9:00 PM
- Cost: \$887/member rate - \$987/non-member rate
- Location: Town Square Tower, 445 Minnesota Street, Conference Center off of Lobby Skyway

Boilers, Heating Systems, and Applied Mathematics provides information for you to learn about the critical factors involved in boilers and heating systems. It provides a thorough review of mathematical skills, thermodynamics, and energy sources. You will learn the skills necessary to identify, operate, and maintain boilers, boiler components and pumps, boiler controls, steam heating systems, hydronic heating systems, and warm air and radiant heating systems.

Upon successful completion of this course, learners will be able to:

- Understand the different boiler types, their components and control systems, and their operation and maintenance
- Recognize, set up, and maintain a reliable and effective heating system
- Calculate ratios, proportions, and percentages
- Convert units of measure

## Fundamentals of Facilities Management (FMA)

- Start Date: Monday, January 13th (tentative) 6:00 to 9:00PM
- Cost: \$1,004 members / \$1,104 non-members
- Location: Town Square Tower, 445 Minnesota Street, Conference Center off of Lobby Skyway

Fundamentals of Facilities Management includes a number of key concepts and applications that are designed to provide the base from which you can build a career in facilities management. Successful facility managers must have business savvy supported by a broad scope of technical knowledge. Therefore, you will gain an understanding of the importance of facilities management to business organizations and operations, while also learning strategies for internal marketing. You will learn how to structure and manage operations and maintenance programs, and how to manage personnel effectively to control workloads. You will likewise acquire project management and leadership skills crucial to your success.

Upon successful completion of this course, learners will be able to:

- Demonstrate the importance of facilities management to business organizations
- Structure and manage operations and maintenance programs
- Manage internal and outsourced personnel effectively to control workloads
- Align facilities operations with information management, cost controls, and investment and budgeting strategies
- Make effective decisions and apply insight into information analysis methods
- Manage a successful project, with you as a team leader



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