

Fall Online Learning Course



IHEA's Fundamentals of Industrial Process Heating online learning course is scheduled to begin on Oct. 30.

This course is ideal for students who wish to take the course at home or work in a flexible web-based distance-learning format. It's an affordable alternative to campus-based classes and allows students to go at their own pace. The program offers a vital tool to industrial process-heating operators and users of all types of industrial heating equipment. In the instructor-led, interactive online course, students learn safe, efficient operation of industrial heating equipment, how to reduce energy consumption and ways to improve a company's bottom-line.

This class provides an overview of the fundamentals of heat transfer, fuels and combustion, energy use, furnace design, refractories, automatic control, and atmospheres as applied to industrial process heating. Students will gain a basic understanding of heat-transfer principles, fuels and combustion equipment, electric heating, and instrumentation and control for efficient operation of furnaces and ovens in process heating. Students will also earn PDHs for passing the course.



Industry expert Jack Marino will lead students in this six-week online course. Marino is a registered professional engineer with over 40 years of experience in the heat-processing industry. He has a bachelor's degree in aeronautical engineering from Pennsylvania State University and a master's degree in engineering science from Penn State University. Marino holds six patents in combustion technology and is the author of numerous technical papers. His knowledge and experience offer invaluable resources that online students can access throughout the course.

The course is a terrific value for IHEA members and non-members considering there are no travel expenses and meal costs involved. Learn at your own pace and take advantage of the online tools provided. The registration fee includes course instruction, live interaction with the instructor, class forums to interact with other students and an electronic copy of IHEA's *Fundamentals of Process Heating Course Handbook*.

For a complete listing of course topics, visit www.ihea.org, click the "Training & Events" tab and scroll to "Online Course." Registration is open through Oct. 29.

Cost for IHEA members is \$700 and non-members is \$875, which includes online access to materials, quizzes, projects, as well as the opportunity to contact the instructor. Printed materials are available for an additional fee.

Fall Seminars: Combustion, Safety and Induction

IHEA's popular fall seminars will be held Sept. 19-20 at the Westin Poinsett in Greenville, S.C. These three seminars – Combustion Seminar, Safety Seminar and an updated, half-day Induction Seminar – provide a great opportunity for training and education in the heat-processing industry. Keeping with tradition, there will be a joint tabletop exhibition and reception on Tuesday, Sept. 19, that will include companies from every technology featured throughout the seminars.

Visit www.ihea.org for program updates and registration information.

