Industry Applications Society

Baltimore IAS – Tutorial

Course Title: **Introductory Building Power Systems Design**

Place: Leach Wallace Associates, Inc.
6522 Meadowridge Road
Elkridge, MD 21075

Date: Tuesdays 1/29/2019, 2/5/2019, 2/12/2019, 2/26/2019
Time: **6:00 pm. To 9:00 pm. each night**

The course will be limited to the first 50 registrants.
Fees: $275.00 for IEEE members $300.00 for non-members

Description: IEEE Introductory Building Power System Design

This Course is intended for Electrical Designers, entry level graduate Electrical Engineers, and Electrical Contractors desiring a deeper understanding of the electrical design process. The course will take the student from a "blank sheet of paper" through the electrical design of a typical building in the 20,000 to 200,000 square foot range. The course will explain sizing of service entrance equipment, distribution equipment, emergency systems, branch circuits and panelboards. Topics such as voltage selection, grounding, short circuit calculations, coordination studies, power quality, surge protection devices, motor protection, and single line diagrams will be explained. Homework problems will be assigned.

Instructor: Jacek Grabowski, P.E.

Jacek is a consulting engineer in the Baltimore Area. He graduated from University of Maryland, College Park in 1998 with a BS in electrical engineering. He has been working at Leach Wallace since 1999 and received his professional license in 2003. Jacek has been in the electrical design field for 19 years, specialized in healthcare, institutional, and commercial buildings with experience in all aspects of power distribution up through 15kV systems.

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NAME:_____PHONE: _____

COMPANY NAME:_____

ADDRESS_____

CITY:_____STATE:_____ZIP: _____

IEEE MEMBERSHIP NO. :_____(IF MEMBER) $250.00 Member $275.00 Non-member

Make Checks payable to: IEEE/IAS LAST DATE TO REGISTER – 1/25/2019