



Industry Applications Society

Baltimore IAS – Tutorial

Course Title: Advanced Building Power Systems Design

Place: WSP USA, Inc.
7067 Columbia Gateway Drive
Suite 250
Columbia, MD. 21046

Date: **Tuesdays: 1/24, 1/31,2/7, 2/16 (Thursday) and 2/21/2023**

Time: **6:00 pm. To 9:00 pm. each night**

Fees: \$250.00 for IEEE members \$275.00 for non-members

This course will be eligible for a maximum of 15 PDH units

Description: IEEE Advanced Building Power System Design

This Course is intended for Electrical Designers, Engineers, Project Engineers, Project Managers, and Electrical Contractors with several years or experience in designing power distribution systems in medium and large buildings. The course will build on the previous introductory class offered in the winter of 2022, which was based on the National Electrical Code. This advanced class will examine the more detailed aspects of power system design, including short circuit calculations, voltage drop analysis, overcurrent protection coordination studies, and more advanced power distribution systems. Homework problems will be assigned. Guest instructors may teach topics for which they have a particular expertise. Attendance will be taken and PDH units will be awarded on a pro rata basis.

Instructor: Derek Dudgeon, P.E.

Mr. Dudgeon has over 31 years' experience as a consulting engineer in the Baltimore Area. He graduated from Cornell University with a Bachelor of Science degree in Electrical Engineering. Mr. Dudgeon became a licensed professional engineer in 1995. Specializing in healthcare, institutional and commercial buildings, he has experience in all aspects of power distribution up through 69 kV Systems.

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Mail reservations to: IEEE/IAS - Leonard Bathgate
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IEEE MEMBERSHIP NO.: _____ **(IF MEMBER) \$250.00 Member \$275.00 Non-member**

Make Checks payable to: IEEE/IAS LAST DATE TO REGISTER – January 19th 2023