

IEEE CONTINUING EDUCATION ON DEMAND

2003 - 2004 REGISTRATION FORM



**IEEE
Houston
Section**

2003 - 2004

**Continuing
Education
On Demand**

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Mail a copy of your completed registration form along with your check payable to **IEEE CED SEMINARS** at the following address:

IEEE CED SEMINARS
PAT ROGERS
SOUTHWEST POWER
425 BLUEBERRY STREET
HOUSTON, TX 77018
progers@swpower.com

Registration receipts will be available upon request **at the seminars.**

For a cancellation refund, telephone Pat Rogers by the Friday before the seminar at:

Phone: 713.696.9922
Fax: 713.696.9983
Email: progers@swpower.com

IEEE Continuing Education on Demand Completion Certificate with Continuing Education Units (CEUs) is provided after receipt of both nightly questionnaires and seminar evaluation sheets.

Please direct seminar questions to Paul Barrett at 713.598.0790

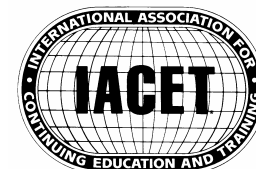
Please check the IEEE Houston Section website for the latest schedule and course information.

<http://www.ieee-houston.org>

Seminar Title	Code	Date	Amount
Acceptance and Power Factor Testing	902	Oct. 7/8	\$
Lightning and Surge Protection	320	Oct. 21/22	\$
Medium Voltage VFD's	505	Nov. 4/ 5	\$
Residual Bus Auto Transfer System	111	Nov. 18/19	\$
Synchronous Motors	610	Feb. 3/4	\$
Synchronous Generators	609	Feb. 17/18	\$
Isolated Generator Systems	611	Mar.	\$
System Protection	304	Mar. 16/17	\$
Low and Medium Voltage Cable	113	Mar. 30/31	\$
Communication System Integration	112	Apr. 13/14	\$
Low and Medium Voltage Switchgear	207	Apr. 27/28	\$
Total Paid:			\$

Enter amount for each seminar:

IEEE member registration: \$120.00
IEEE member early signup: \$ 60.00
Non-member registration: \$200.00



IEEE CONTINUING EDUCATION ON DEMAND

The purpose of IEEE Houston Section Continuing Education on Demand is to provide modern practical industrial power application topics that supplement the daily work activities of the practicing graduate electrical engineer.

The seminars are intended to stimulate further study and discussion for learning continuance throughout the working career. Topics apply to heavy industries: oil and gas, petro-chem, cogen, pulp and paper, etc.

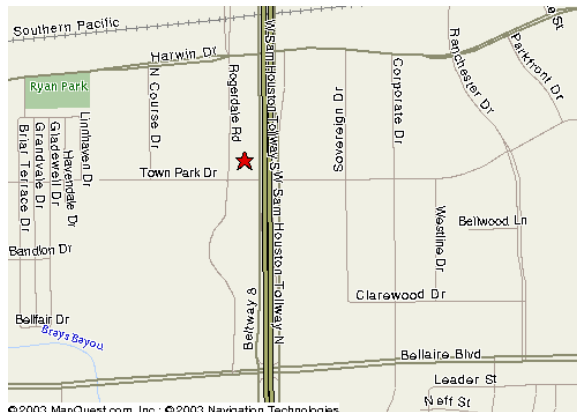
Instructors are application engineers, manufacturing specialists and expert consultants who provide a blend of diverse engineering perspectives.

The cost of each seminar is \$120.00 for IEEE members. "Early Signup" is \$60.00 and the **check must be received the Friday before** the seminar start date. The cost for non-IEEE members is \$200.00, which includes the annual fee for IEEE Membership. Signing up the week of the seminar does not guarantee seminar presentation documents or meals.

The following 2003-2004 seminar schedule defines the topics, dates and times. A course syllabus is available on request. Minimum class size is twenty for each seminar. Seating is limited and filled on an as received basis. Presentation documents are provided. A buffet is served from 5:00PM-6:00PM.

Seminar location:

Jacobs Engineering
5995 Rogerdale Road
Houston, TX. 77072



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Fall of 2003 IEEE Seminar Schedule

Acceptance and Power Factor Testing (902)

Randall Baker, Dashiell Corporation and Keith Hill, Doble Engineering Company

Oct. 7/8, 2003 6:00-8:50PM

Phasors, instrument transformer testing and load testing of relays/meters are performed. Additional testing topics include Sweep Frequency Response Analysis and power factor testing. [0.5 CEU]

Lightning and Surge Protection (320)

William Nichols, Siemens Westinghouse Technical Services

Oct. 21/22, 2003 6:00-8:50PM

Reviews theory and application of surge protection. Capacitor selection and application is examined. [0.5 CEU]

Medium Voltage Variable Frequency Drives (505)

Richard Osman, Robicon Corporation

Nov. 4/5, 2003 6:00-8:50PM

Theory and application of medium voltage variable frequency drives is reviewed. [0.5 CEU]

Residual Bus Auto Transfer System (111)

James Bowen, Powell Elect. Mfg. Co. and Roy Cossé, PowITech, a part of Powell Elect. Mfg. Co.

Nov. 18/19, 2003 6:00-8:50PM

Reviews fundamentals of a traditional transfer scheme. A modern transfer approach provides guidance for enhanced residual transfer scheme applications. [0.5 CEU]

Spring of 2004 IEEE Seminar Schedule

Synchronous Motors (610)

Chris Schartner, GE Canada and Michael Costello, Chevron Texaco Corporation

Feb. 3/4, 2004 6:00-8:50PM

Practical applications are examined. [0.5 CEU]

Synchronous Generators (609)

Derek King, Brush Electrical Machines Ltd.

Feb. 17/18, 2004 6:00-8:50PM

Generator theory, physical construction, and application are reviewed and discussed. [0.5 CEU]

Isolated Generator Systems (611)

Peter Evjen, Mustang Engineering, L.P.

Mar. 2/3, 2004 6:00-8:50PM

Isolated generator system applications are investigated. [0.5 CEU]

System Protection (304)

Roy Cossé, PowITech, a part of Powell Elect. Mfg. Co.

Mar. 16/17, 2004 6:00-8:50PM

Relaying overview of a complete power system including a brief discussion of primary and backup protection. [0.5 CEU]

Low and Medium Voltage Cable (113)

Donald Voltz, Mustang Engineering, L.P.

Mar. 30/31, 2004 6:00-8:50PM

Theory, applications, field and factory testing are discussed. [0.5 CEU]

Communication System Integration (112)

Alan Pilcher / Harrison Combs, PowITech, a part of Powell Elect. Mfg. Co.

Apr. 13/14, 2004 6:00-8:50PM

Reviews modern concepts for integrating meters and relays into one communicating system. [0.5 CEU]

Low and Medium Voltage Switchgear (207)

James Bowen, Powell Elect. Mfg. Co.

Apr. 27/28, 2004 6:00-8:50PM

Reviews theory and application design basics. [0.5 CEU]