

# Power Systems & Energy Course – PSEC 2016

<b>1st Quarter</b>	<b>Power System Engineering</b>	<b>4 Weeks</b>	<b>\$9,000 USD</b>
August 8–9	Power System Fundamentals	2 days	\$1,800 USD
August 10–12	Power System Analysis & Symmetrical Components	3 days	\$2,200 USD
August 15–18	Transmission Planning and Analysis	4 days	\$2,500 USD
August 22–24 AM	Surge Analysis & Equipment Application	2.5 days	\$2,000 USD
August 24 PM–26	Reactive Power Compensation & Voltage Control	2.5 days	\$2,000 USD
August 29–Sep 1	Protective Relaying Fundamentals	4 days	\$2,500 USD
<b>2nd Quarter</b>	<b>Power System Planning and Advanced Applications</b>	<b>4 Weeks</b>	<b>\$9,000 USD</b>
September 6–9	Synchronous Machine Fundamentals	4 days	\$2,500 USD
September 12–15	Power System Dynamics	4 days	\$2,500 USD
September 19–22	Distribution Systems Planning and Engineering	4 days	\$2,500 USD
September 26–28	Smart Grid: Substation/Distribution Automation	3 days	\$2,200 USD
September 29–30	Power Electronic Applications in Transmission	2 days	\$1,800 USD
<b>3rd Quarter</b>	<b>The Power Market, Energy Economics and Strategic Planning</b>	<b>4 Weeks</b>	<b>\$9,000 USD</b>
October 3	Introduction to Global Industry	1 day	\$1,000 USD
October 4-6	Renewable Policy, Fuels, and the Environment	3 days	\$2,200 USD
October 10-13	Power Plant Project Development	4 days	\$2,500 USD
October 17-20	Strategic Generation & Transmission Planning	4 days	\$2,500 USD
October 24-26	Power Economics	3 days	\$2,200 USD
October 27-28 AM	Restructuring of Electric Power Industry	1.5 days	\$1,600 USD
<b>4th Quarter</b>	<b>Emerging Technologies</b>	<b>4 Weeks</b>	<b>\$9,000 USD</b>
October 31-Nov 3	Distributed Energy Resources, Microgrids and Grid Resiliency, Energy Storage, and Electric Vehicles	4 days	\$2,500 USD
November 7-8	Distributed Energy Resources: Planning for High Penetrations	2 days	\$1,800 USD
November 9-10	Project Management	2 days	\$1,800 USD
November 14-17	Smart Grid: Demand Response and Dynamic Pricing	4 days	\$2,500 USD
November 18	Advanced Metering Infrastructure Fundamentals	1 day	\$1,000 USD
Nov 29-Dec 2(T-F)	Fundamentals of Renewable Energy Systems	4 days	\$2,500 USD
<b>October 31–December 2</b>	<b>Four Quarters</b>	<b>4 months</b>	<b>\$29,000 USD</b>

(over)



# Get detailed course information and register online at [www.geenergyconsulting.com/psec-2016](http://www.geenergyconsulting.com/psec-2016)



## Entire Program:

The entire four-month program includes orientation and graduation ceremony. Full program tuition is \$29,000 USD.



## Focused Quarter:

Select a four-week quarter that includes classes related to a specific focus. Quarter tuition is \$9,000 USD.



## Individual Class:

Select one of our 23 exclusive courses for understanding a specific subject. Individual class tuition is \$1,600–\$2,500.



## Method of Payment:

To comply with GE integrity policies, we cannot accept Travelers Cheques, cash, money orders, or cashier checks for payment. Acceptable forms of payment are company checks, company purchase orders, credit cards, (VISA and MasterCard), and wire transfers from the customer's place of business.



## Logistics:

Class times are 8 AM–4 PM at the Energy Learning Center in Schenectady, NY, USA. Classes are subject to change.



## IEEE Member and Group Discount Offers:

- Current IEEE members are eligible for a 10% discount when registering for individual courses.
- Register four or more participants for the same class(es) and you are eligible for a 20% group discount.



## Additional Course:

Concorda\* Software Suite Products

Concorda Software products are internationally known and are widely used for planning and simulating electric power grids; assessing the economic performance of large electricity market segments; and evaluating generation reliability. For more information, please visit our website at <http://www.geenergyconsulting.com>

Note: Due to GE security procedures, please allow up to 5–10 business days for processing of your registration. Invoices are sent via registrant's email address.



## GE Employee Registration:

[www.ge.com/gelearning](http://www.ge.com/gelearning)