Pathways to Success

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The Power Academy team is continually striving to deliver quality educational programs to our clients. Our programs provide students with educational components that are relevant, rich in content and enable the creation of strategic, incremental succession planning for their employers. The core elements of a successful succession learning plan include the following; location, instruction, environment and engagement.

The Siemens Power Academy Education and Training Course Catalog provides pre-designed and easily outlined linear learning pathways in the areas of Power Distribution Engineering, Power Systems Engineering, and PSS®E Network Planning and Analysis with courses in Power System Software, Power Transmission Engineering, Equipment Based Training, System Operator Training, and Protective Relay Training. We also offer two Professional Seminar Series targeting non-technical professionals who are either new to the energy industry and Smart Grids, or those who would benefit from a better understanding of power system fundamentals. Each area of concentration offers an array of educational content from basic introductory coursework to advanced, in-depth offerings that will challenge students and raise their competency levels. Many of the instructors for Siemens Power Academy classes are consultants with numerous years of experience in the industry who are excited to share their wealth of knowledge with the trainees and serve in a mentoring capacity to up-and-coming engineering professionals.

In addition to absorbing the instructor’s lessons, many of our students comment on the networking and knowledge sharing they experience with their peers while in class. Since we are a global training center, we host students from all across the globe; North America, Central and South America, Europe, Middle East, Africa, Asia, South Pacific, India and the Baltic States. Many are amazed at how much they learn both technically and culturally. In the fall of 2011, Siemens Power Academy hosted several engineers from Nigeria who shared many of their technical and cultural experiences with us during their five-week training program in Schenectady.
In addition to the learning aspect, each course is catered with meals featuring fresh, locally sourced products, and students are allowed full use of the Power Academy training space to unwind during breaks, check emails and messages, and meet with our consultants to address specific questions and concerns if so desired. Time permitting, the group heads out to one of many neighborhood dining establishments for a welcome reception and many travel to nearby attractions such as New York City, Boston, Montreal and Niagara Falls.

Such was the case at a course held in Colorado recently. More than 25 students from all across the United States gathered for a PSSC 500 course in PSS®E Power Flow and Steady State Analysis. This fast-paced, immersive offering allows minimal downtime, but the students and instructor, Siemens PTI network consultant Tom Imel, joined by principle consultant Bob Zeles (both located in the Siemens PTI office in Colorado), headed out for an evening of fun at a local Japanese steak house. It was an opportunity for all to network, enjoy some local culture and build relationships that will continue throughout their careers. All agreed it was time well spent.
Interested in enrolling in an upcoming Siemens course? To see our current offerings, read the course descriptions and sign up for one of our outstanding programs, please click here.

What students are saying:

**PSEC 505 - Introduction to Power Flow Analysis with Applications**

April 9 – 13, 2012, Schenectady, NY

“My training experience was great due to great depth of materials and also instructor’s knowledge of the course materials” - Justice Ansah Nyarko, ISO – NE

**Power Distribution Engineering**

April 16 – 18, 2012, Schenectady, NY

“My training experience was exceptional due to “good harmonizing of the various concepts into a single course with a focus on the interrelations, great presenters and courteous/friendly staff. Thanks!” - Kris MacPherson, Hydro Ottawa

This class met my expectations because: “I found new methods to solve problems in distribution networks about power quality and capacitor control” - Moises Muñoz, Siemens

My training experience was great due: “to the excellent instructors that conveyed engineering principles clearly” - Luis Huang, Siemens Energy

**PTEC 500 – Overhead Line Design**

“Jose Daconti [instructor] did a great job and was very knowledgeable and possessed a high level of technical expertise in transmission line engineering,” Michael Smith, PE, Lauren Engineers & Constructors