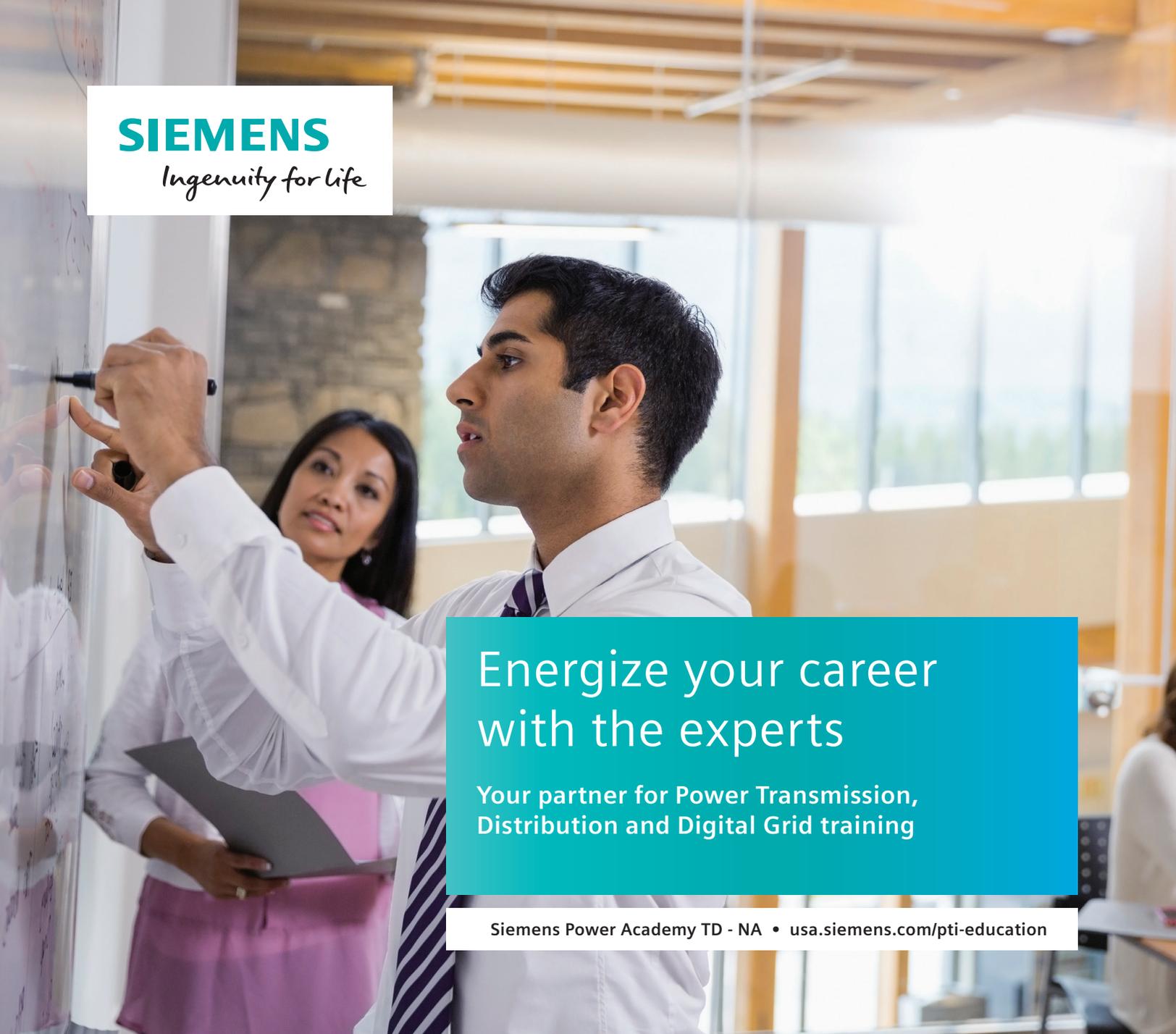




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Welcome to the academy of energy experts!

The ever-changing demands of a highly dynamic energy market and trends such as urbanization, the use of renewable energy, and the push to meet climate and environmental targets make it imperative that we keep our knowledge up to date. Having the right expertise is essential to ensuring that our energy grid is reliable and sustainable.

The experts at Siemens Power Academy TD - NA have the knowledge to prepare you for these challenges. As specialists in training and continuing education in the fields of energy transmission and distribution (T&D), the commercial use of electrical energy, and Digital Grid technology we can help you broaden your capabilities, expand your knowledge, and help you lay the foundation for your future success.

In addition to our standard training portfolio, we also offer customized training that supports your organization's need for competency development, as well as certification programs. By partnering with Siemens Power Academy TD, you can deepen your knowledge, improve productivity, and broaden your leadership potential. Take an active step in shaping your career today.

Enter the network of expertise.

***We look forward to welcoming you
to our training network!***

2018 Course Schedule

Course Code	Power System SOFTWARE Courses	Tuition / Location / Date
PSSC_500	<p>Power Flow and Steady State Analysis Using PSS®E Version 34</p> <p>Get acquainted with PSS®E program functions in sufficient detail with our hands-on interactive course. This course is designed to familiarize new users with the Power Flow and Fault Analysis features of the PSS®E program. Then stay the week after to take the next sequential course!</p>	<p>\$3,020</p> <p>NY / Apr. 9-13 NY / Sept. 10-14 FL / Nov. 5-9</p>
PSSC_550	<p>Dynamic Simulation Using PSS®E Version 34</p> <p>This course was designed to familiarize new users with the Dynamic Simulation features of the PSS®E program. Upon completion of this course, you will be acquainted with the commonly used program functions that will allow you to start study work involving dynamic simulations.</p>	<p>\$3,020</p> <p>NY / Apr. 16-20 NY / Sept. 17-21 FL / Nov. 12-16</p>
PSSC_600	<p>PSS®E and Python® Integrating Workflow (Part 1 - Intro) Version 34</p> <p>PSS®E is your one stop shop for a basic understanding of the Python language and how to automate PSS®E using the Python API. Upon completion of this course users with little or no experience will have the tools they need to start writing Python programs and driving PSS®E from Python. Extend your stay for Part – 2.</p>	<p>\$2,520</p> <p>NY / Feb. 12-14</p>
PSSC_650	<p>PSS®E and Python® Integrating Workflow (Part 2 – Advanced) Version 34</p> <p>This course dives deep into the advanced capabilities of the Python language and the application process used to create powerful Python programs to automate PSS®E.</p>	<p>\$2,050</p> <p>NY / Feb. 15-16</p>
PSSC_700	<p>PSS®MUST – Using System Transmission Data for Decision Making Version 12</p> <p>This course will teach the many functionalities of the PSS®MUST software, such as: efficiently calculate the impact of power transfer on key network elements, identify the most limiting contingencies and constraints, calculate incremental transfer capability, and calculate the sensitivity of monitored elements or transfer capabilities to transactions, generation or load changes. Participants will know how to use the interactive functions in PSS®MUST to examine and understand network conditions.</p>	<p>\$2,520</p> <p>CO / May 8-10</p>
PSSC_710	<p>Advanced Power Flow Using PSS®E Version 34</p> <p>Increase your analytical skills in steady state applications! Utility engineers who conduct studies with PSS®E must understand the fundamental concepts of power system behavior as well as know how to execute the many advanced routines within the program. Program users will be able to perform advanced steady state analyses with ease upon completion of this course.</p>	<p>\$3,060</p> <p>NY / Apr. 23-27 NY / Sept. 24-28 FL / Dec. 3-7</p>
PSSC_715	<p>Advanced Dynamic Simulation for PSS®E Version 34</p> <p>Dynamic Simulation for PSS®E is a hands-on course designed for experienced engineers interested in learning advanced analysis of system stability and dynamics. Examples and exercises focus on dynamic modeling of components such as synchronous generators, excitation systems, prime movers, wind turbines, HVDC and FACTS devices, and loads. Upon completion of the course, participant will have the knowledge and the ability to incorporate the advanced dynamics simulation capabilities of PSS®E into the analysis of their power system.</p>	<p>\$3,060</p> <p>NY / Apr. 30 - May 4 NY / Oct. 1-5 FL / Dec. 10-14</p>

Course Code	Power System SOFTWARE Courses (cont'd.)	Tuition / Location / Date
PSSC_718	<p>PSS®E – Introduction to Model Writing</p> <p>Introduction to Modeling Writing provides participants with an understanding of the practical and theoretical aspects of dynamic modeling using PSS®E, a power simulation tool. A hands-on course, participants will have an opportunity to write several user-defined models. Upon completion of this course, participants will understand dynamic simulation objectives and requirements and will be able to use this knowledge to develop their own models in PSS®E.</p>	<p>\$2,555</p> <p>NY / Mar. 13-15</p>
PSSC_720	<p>PSS®E – Advanced Model Writing</p> <p>Advanced Model Writing builds off of our Introduction to Model Writing course. Participants will come away with a deeper understanding of connection routines CONEC and CONET, and explore the advanced uses of these subroutines. In addition, participants will write CCT type models (model types not requiring CONEC and CONET), as well as receive hands-on exercises of model writing examples for plant related models, wind related models and CCT type models.</p>	<p>\$3,060</p> <p>NY / Oct. 15-19</p>

Course Code	Power System ENGINEERING Courses	Tuition / Location / Date
PSEC_600	<p>Power System Dynamics – Introduction</p> <p>The Intro to Power System Dynamics explores both theory and practice for modeling major power system components including synchronous machines, excitation systems, governors and loads with examples from PSS®E. Upon completion of this course, participants will have an understanding of dynamic effects encountered in operation of the power system and expansion planning analysis.</p>	<p>\$3,020</p> <p>NY / Mar. 19-23</p>
PSEC_720	<p>Economic Transmission Planning</p> <p>The primary objective of this course is to teach fundamental and advanced economic concepts as an integral component of transmission planning and project evaluation. The objective is to instill in transmission planners the economic and transmission concepts that will allow for best in class project planning and analysis. Upon completion of this course participants will be able to apply these concepts for short, intermediate and long-term planning studies and to judge the relative merits of competing transmission projects.</p>	<p>\$2,750</p> <p>TX / Aug. 9-10</p>

Course Code	Power DISTRIBUTION Engineering Courses	Tuition / Location / Date
PDEC_630	<p>Low-Voltage Networks</p> <p>Low-Voltage Networks – Theory and Practical Applications course teaches the design, operation and protection practices used for both dedicated feeder grid and spot network systems, and for non-dedicated feeder spot network systems. Upon completion, participants will be able to better understand and apply these concepts when working with low-voltage networks systems.</p>	<p>\$2,520</p> <p>NY / May 15-17</p>

Contact us

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