



## Siemens Power Academy – North America (NA) 2010 Schedule

Siemens Energy Inc., Siemens PTI and Siemens Power Academy TD – NA are pleased to share with you our 2010 course schedule. Learn and network with industry peers and enhance your professional development opportunities by joining the ranks of Siemens Power Academy TD – NA alumni.

See our 2010 Catalog for information on our **NEW** Siemens Certification Programs and Learning Management System (LMS). Register Online at <http://siemens.coursewebs.com>.

### COURSES FOR ENGINEERS AND TECHNICAL PROFESSIONALS

January 2010 – December 2010

Code	Course Name	Course Date	Location	Tuition	CEUs
<b>Power DISTRIBUTION Engineering Curriculum (PDEC)</b>					
PDEC 500	Introduction to Distribution Systems and Power Circuit Analysis	Feb. 15 - 19, 2010 May 10 - 14, 2010 Jul. 12 - 16, 2010 Oct. 04 - 08, 2010	Houston, TX Schenectady, NY Schenectady, NY Schenectady, NY	\$2695 \$2695 \$2695 \$2695	2.7
PDEC 540	Distribution Transformers, Grounding and Protection	Jul. 07 - 09, 2010 Nov. 10 - 12, 2010	Schenectady, NY Houston, TX	\$2365 \$2365	1.8
PDEC 563	Understanding System Losses	Jul. 19 - 21, 2010 Oct. 27 - 29, 2010	Schenectady, NY Houston, TX	\$2365 \$2365	1.8
PDEC 590	Substation Engineering and Design	Feb. 22 - 26, 2010 Jun. 07 - 11, 2010 Nov. 01 - 05, 2010	Houston, TX Schenectady, NY Houston, TX	\$2695 \$2695 \$2695	2.7
PDEC 600	Distribution Planning and Reliability Assessment	Jul. 22 - 23, 2010 Nov. 08 - 09, 2010	Schenectady, NY Houston, TX	\$1650 \$1650	1.2
PDEC 620	Distributed Generation and Energy Storage Applications on Power Systems <small>Presented by NOVA Energy Specialists</small>	Aug. 5 - 6, 2010 Oct. 11 - 12, 2010	Schenectady, NY Schenectady, NY	\$1650 \$1650	1.2
PDEC 630	Low-Voltage Secondary Networks	Aug. 02 - 04, 2010	Schenectady, NY	\$2365	1.8
PDEC 650	Power Distribution System Economics	Aug. 05 - 06, 2010 Nov. 15 - 16, 2010	Schenectady, NY Littleton, CO	\$1650 \$1650	1.2
<b>Power Systems ENGINEERING Curriculum (PSEC)</b>					
PSEC 500	Power Flow Analysis	Jan. 14 - 15, 2010 May 17 - 18, 2010	Mountain View, CA Schenectady, NY	\$1650 \$1650	1.2
PSEC 510	Analytical Methods for Voltage Control and Reactive Power Planning	Mar. 08 - 12, 2010 Sep. 13 - 17, 2010	Schenectady, NY Minnetonka, MN	\$2695 \$2695	2.7
PSEC 515	Introduction to Project Management for Power System Engineers	Apr. 26 - 28, 2010 Nov. 15 - 17, 2010	Mountain View, CA Schenectady, NY	\$2365 \$2365	1.8
Code	Course Name	Course Date	Location	Tuition	CEUs
<b>Power Systems ENGINEERING Curriculum (PSEC) (continued)</b>					
PSEC 520	Industrial Power System Applications	Aug. 09 - 13, 2010	Schenectady, NY	\$2695	2.7
PSEC 530	Modeling Wind Farms Using PSS®E	Feb. 01 - 02, 2010 Oct. 18 - 19, 2010	Mountain View, CA Houston, TX	\$1650 \$1650	1.2



PSEC 535	<b>NEW</b> Power System Studies for Wind Integration	Sep. 20 – 24, 2010 <i>Call for more dates</i>	Littleton, CO Call for details	\$2695	2.7
PSEC 600	Introduction to Power System Dynamics	Apr. 19 - 23, 2010 Aug. 30 - Sep. 3, 2010	Schenectady, NY Schenectady, NY	\$2695 \$2695	2.7
PSEC 635	Power System Scheduling and Operation	Jun. 07 - 09, 2010 Oct. 13 - 15, 2010	Schenectady, NY Schenectady, NY	\$2365 \$2365	1.8
PSEC 638	Power System Reliability	Jan. 25 - 26, 2010 Jun. 03 - 04, 2010 Aug. 26 - 27, 2010	Houston, TX Schenectady, NY Schenectady, NY	\$1650 \$1650 \$1650	1.2
PSEC 640	Fundamentals of Protective Relaying	Jan. 11 - 13, 2010 May 24 - 26, 2010 Dec. 01 - 03, 2010	Houston, TX Schenectady, NY Houston, TX	\$2365 \$2365 \$2365	1.8
PSEC 650	Power System Stability and Stabilizer Tuning	Nov. 08 - 11, 2010	Schenectady, NY	\$2495	2.1
PSEC 655	Power Electronics in Transmission Systems (HVDC, FACTS) and Wind Power	May 03 - 07, 2010 Nov. 15 - 19, 2010	Mountain View, CA Schenectady, NY	\$2695 \$2695	2.7
<b>Power Systems SOFTWARE Engineering Curriculum (PSSC)</b>					
PSSC 500 ***	<b>PSS®E - Introduction to Power Flow and Steady State Analysis</b>	Jan. 18 - 22, 2010 Mar. 08 - 12, 2010 Apr. 05 - 09, 2010 Jun. 07 - 11, 2010 Jul. 12 - 16, 2010 Sep. 13 - 17, 2010 Nov. 15 - 19, 2010	Houston, TX Mountain View, CA Schenectady, NY Littleton, CO Minnetonka, MN Schenectady, NY Houston, TX	\$2695 \$2695 \$2695 \$2695 \$2695 \$2695 \$2695	2.7
PSSC 550 ***	<b>PSS®E - Introduction to Dynamic Simulation</b>	Jan. 18 - 22, 2010 Mar. 08 - 12, 2010 Apr. 26 - 30, 2010 Jul. 19 - 23, 2010* Sep. 20 - 24, 2010	Mountain View, CA Houston, TX Schenectady, NY Minnetonka, MN Schenectady, NY	\$2695 \$2695 \$2695 \$2695 \$2695	2.7
PSSC 570 ***	<b>PSS®E – Optimal Power Flow</b>	Jan. 25 - 27, 2010	Houston, TX	\$2365	1.5
PSSC 600 ***	<b>Using Python to Integrate PSS®E Workflow</b>	Feb. 03 - 05, 2010 May 03 - 05, 2010 Sep. 29 - Oct. 01, 2010 Dec. 06 - 08, 2010	Mountain View, CA Schenectady, NY Minnetonka, MN Houston, TX	\$2365 \$2365 \$2365 \$2365	1.8


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<b>Power Systems SOFTWARE Engineering Curriculum (PSSC)</b>					
PSSC 675	Fundamentals of PSS®ODMS - Modeling and Analysis	Mar. 01, 2010 Oct. 12, 2010	Houston, TX Schenectady, NY	\$1198 \$1198	0.6
PSSC 700 ***	<b>PSS®MUST - Managing and Utilizing System Transmission</b>	Mar. 01 - 04, 2010* Jun. 07 - 10, 2010 Oct. 12 - 15, 2010 Dec. 07 - 10, 2010	Schenectady, NY Minnetonka, MN Houston, TX Littleton, CO	\$2495 \$2495 \$2495 \$2495	2.1
PSSC 708	PSS®E - Theory, Use and Interpretation of Small Signal Stability Analysis (NEVA)	Nov. 15 - 17, 2010	Mountain View, CA	\$3365	1.8



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PSSC 710 ***	<b>PSS®E - Advanced Power Flow</b>	Feb. 01 - 05, 2010 Apr. 19 - 23, 2010 Oct. 18 - 22, 2010	Houston, TX Mountain View, CA Schenectady, NY	\$2695 \$2695 \$2695	2.7
PSSC 715 ***	<b>PSS®E - Advanced Dynamic Simulation</b>	Oct. 25 - 29, 2010	Schenectady, NY	\$2695	2.7
PSSC 720	PSS®E - Model Writing	Mar. 15 - 17, 2010	Schenectady, NY	\$2365	1.8
PSSC 730	PSS®SINCAL Basic	Feb. 08 - 09, 2010	Houston, TX	\$1650	1.2
PSSC 740	PSS®SINCAL Protection	Jan. 28, 2010	Houston, TX	\$2198	0.6
PSSC 750	PSS®SINCAL Reliability	Feb. 22 - 26, 2010	Houston, TX	\$3850	2.7
PSSC 760	PSS®SINCAL Dynamics	Feb. 10 - 12, 2010	Houston, TX	\$3365	1.8
PSSC 790	Reactive Power Planning using PSS®E	Mar. 15 - 17, 2010	Schenectady, NY	\$2695	1.8
<b>Power TRANSMISSION Engineering Curriculum (PTEC)</b>					
PTEC 410	Introduction to Fiber Optics Presented by FiberNext, LLC	Aug. 23 - 25, 2010	Schenectady, NY	\$2365	1.8
PTEC 411	Transformer Diagnostics	May 19 - 21, 2010	Schenectady, NY	\$2365	1.8
PTEC 500	Fundamentals of Overhead Transmission Line Design	Jun. 14 - 18, 2010 Oct. 18 - 22, 2010	Schenectady, NY Schenectady, NY	\$2695 \$2695	2.7
PTEC 510	Fundamentals of Power System Electromagnetic Compatibility (EMC)	Apr. 12 - 14, 2010 Jul. 19 - 21, 2010	Schenectady, NY Schenectady, NY	\$2365 \$2365	1.8
PTEC 520	Overhead Transmission Line Upgrading	Jun. 23 - 25, 2010	Schenectady, NY	\$2365	1.8
PTEC 535	Underground Cable Systems Presented by Power Delivery Consultants, Inc.	Aug. 16 - 20, 2010	Schenectady, NY	\$2695	2.7
PTEC 620	Advanced Transmission Planning with Modern Network Analysis Tools (PSS®E, PSS®MUST, and PSS®E OPF)	Oct. 04 - 08, 2010	Schenectady, NY	\$2695	2.7
PTEC 635	Transmission Reliability Study Using PSS®E	Dec. 06 - 08, 2010	Schenectady, NY	\$2365	1.8
PTEC 650	Overvoltages and Insulation Coordination	Nov. 01 - 05, 2010	Schenectady, NY	\$2695	2.7

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<b>Siemens Equipment-Based Training (SEBT)</b>					
SEBT ASM 210	SP/SPS/S2 Breaker Maintenance	May 04 - 05, 2010 Sept. 14 - 15, 2010	Jackson, MS Jackson, MS	\$ 715 \$ 715	1.1
SEBT ASM 212	BZO6/6C Breaker Maintenance	May 06 - 07, 2010 Sept. 16 - 17, 2010	Jackson, MS Jackson, MS	\$ 715 \$ 715	1.1
<b>Siemens System OPERATOR Training (SSOT) – Online</b>					
SSOT 310	Reliability Coordinator Operator	🔒	<b>Siemens Awarded NERC CE Provider Status</b>		
SSOT 320	Balancing, Interchange and Transmission Operator	🔒			
SSOT 330	Balancing and Interchange Operator	🔒			
SSOT 340	Transmission Operator	🔒			



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SSOT 400	Advanced System Operation Courseware	🔒			Siemens Power Academy TD - NA is recognized by the North American Electric Reliability Corporation as a continuing education provider that adheres to NERC Continuing Education Program Criteria.	
SSOT 500	Emergency Operations, Black Start, and System Restoration Training <i>Call for dates</i>	**				

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