



Announcing Siemens Power Academy TD 2008 - 2009 Schedule

Siemens Power Technologies International (Siemens PTI), provider of network consulting, software and T&D training in the Siemens Energy Sector, welcomes you to the 40th year of world-class education and training in distribution, power systems, power simulation software, and transmission studies. Our courses are specifically designed for engineers in distribution, power systems, planning, operations, and transmission fields who want to learn theoretical and practical skills from our leading industry experts. PTI instructors and courses are recognized globally for being rich in content, delivered by industry experts, and for providing students with the theoretical knowledge needed to implement newly acquired skills.

PTI has several **NEW** programs to help students gain knowledge and develop professionally to meet the growing technological and planning challenges of the power industry. In addition to our newest training center headquartered in downtown Schenectady, New York, PTI is pleased to announce four NEW curriculum series to help you navigate our vast course offerings and effectively develop your competencies through a series of interrelated courses. Both in terms of schedule and location, these programs are packaged to maximize your training experience, minimize your time out of the office, and make the most of your training dollars. *Network with peers as you embark on the new PTI experience!*

Visit our website and register today www.usa.siemens.com/energy/pti-education.

Curriculum Series - Course Identifiers and Numbers

As part of our **NEW** curriculum programs, our courses are now grouped by course identifiers and leveling numbers allowing you to easily navigate specific subject areas and find courses that meet your experience level and training objectives. These curriculum programs will help you and your managers customize a progressive learning plan that best meet your needs. With this training roadmap your PTI Advance Certification in any, or all, of the four disciplines, can easily be attained:

- Power Distribution Engineering Curriculum (PDEC)
- Power Systems Engineering Curriculum (PSEC)
- Power System Software Engineering Curriculum (PSSC)
- Power Transmission Engineering Curriculum (PTEC)



COURSES FOR ENGINEERS AND TECHNICAL PROFESSIONALS

November 2008 – December 2009

Code	Course Name	Course Date	Location	Tuition	CEUs
Power DISTRIBUTION Engineering Curriculum (PDEC)					
PDEC 500	Introduction to Distribution Systems and Power Circuit Analysis	Jan. 05 - 09, 2009	Schenectady, NY	\$2695	2.7
		May 11 - 15, 2009	Schenectady, NY	\$2695	
		Jul. 06 - 10, 2009	Schenectady, NY	\$2695	
PDEC 530	Overhead Distribution Line Design	Dec. 8 - 10, 2008	Schenectady, NY	\$2150	1.2
PDEC 540	Distribution Transformers, Grounding and Protection	Jul. 13 - 15, 2009	Schenectady, NY	\$2365	1.8
		Nov. 16 - 18, 2009	Houston, TX	\$2365	
PDEC 550	Distribution Surge Protection	Jul. 16 - 17, 2009	Schenectady, NY	\$1320	0.9
		Nov. 19 - 20, 2009	Houston, TX	\$1320	
PDEC 560	Distribution System Losses	Jul. 20 - 22, 2009	Schenectady, NY	\$2365	1.8
		Oct. 21 - 23, 2009	Houston, TX	\$2365	

To register or for more information, call 518-395-5005 or email pti-edpro.ptd@siemens.com.



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PDEC 565	Electric System Losses	Jun. 25 - 26, 2009	Schenectady, NY	\$1650	1.2
PDEC 590	Substation Engineering and Design	Jan. 19 - 23, 2009	Schenectady, NY	\$2695	2.7
		Jun. 08 - 12, 2009	Schenectady, NY	\$2695	
		Nov. 02 - 06, 2009	Houston, TX	\$2695	
PDEC 600	Distribution Planning and Reliability Assessment	Dec. 04 - 05, 2008	Orlando, FL	\$1500	1.2
		Jul. 23 - 24, 2009	Schenectady, NY	\$1650	
		Nov. 09 - 10, 2009	Houston, TX	\$1650	
PDEC 620	Distributed Generation and Energy Storage Applications on Power Systems - Presented by NOVA Energy Specialists	Jul. 27 - 28, 2009	Schenectady, NY	\$1650	1.2
PDEC 625	Probabilistic Reliability Analysis and Calculation (PSS®SINCAL ZUBER)	Nov. 16 - 20, 2009	Schenectady, NY	\$3850	2.7
PDEC 630	Low-Voltage Secondary Networks	Jul. 29 - 31, 2009	Schenectady, NY	\$2365	1.8
PDEC 650	Power Distribution System Economics	Aug. 03 - 04, 2009	Schenectady, NY	\$1650	1.2
		Nov. 19 - 20, 2009	Denver, CO		
Power SYSTEMS Engineering Curriculum (PSEC)					
PSEC 500	Power Flow Analysis	Jan. 12 - 13, 2009	Schenectady, NY	\$1650	1.2
		May 18 - 19, 2009	Schenectady, NY	\$1650	
PSEC 510	Analytical Methods for Voltage Control and Reactive Power Planning	Mar. 09 - 13, 2009	Schenectady, NY	\$2695	2.7
		Sep. 21 - 25, 2009	Minnetonka, MN	\$2695	
PSEC 515	Introduction to Project Management for Power System Engineers	Apr. 29 - May 1, 2009	Schenectady, NY	\$2365	1.8
		Dec. 09 - 11, 2009	Schenectady, NY	\$2365	
PSEC 520	Industrial Power System Applications	Aug. 10 - 14, 2009	Schenectady, NY	\$2695	2.7
PSEC 530	Modeling Wind Farms Using PSS®E	Oct. 19 - 20, 2009	Houston, TX	\$1650	1.2
PSEC 540	Overview of Competitive Energy Markets	On-Demand	Various Locations	\$2365	1.8
PSEC 600	Introduction to Power System Dynamics	Apr. 20 - 24, 2009	Schenectady, NY	\$2695	2.7
		Sep. 14 - 18, 2009	Schenectady, NY	\$2695	
PSEC 635	Power System Scheduling and Operation	Jan. 19 - 21, 2009	Schenectady, NY	\$2365	1.8
		Jun. 01 - 03, 2009	Schenectady, NY	\$2365	
		Oct. 12 - 14, 2009	Schenectady, NY	\$2365	
PSEC 638	Power System Reliability	Jan. 22 - 23, 2009	Schenectady, NY	\$1650	1.2
		Jun. 04 - 05, 2009	Schenectady, NY	\$1650	
		Oct. 15 - 16, 2009	Schenectady, NY	\$1650	
PSEC 640	Fundamentals of Protective Relaying	Jan. 14 - 16, 2009	Schenectady, NY	\$2365	1.8
		May 20 - 22, 2009	Schenectady, NY	\$2365	
		Nov. 30 - Dec. 2, 2009	Houston, TX	\$2365	
PSEC 650	Power System Stability and Stabilizer Tuning	Nov. 09 - 12, 2009	Schenectady, NY	\$2495	2.1
PSEC 655	Power Electronics in Transmission Systems (HVDC, FACTS) and Wind Power	Feb. 02 - 06, 2009	Schenectady, NY	\$2695	2.7
		Nov. 16 - 20, 2009	Schenectady, NY	\$2695	
PSEC 780	Power System Dynamics	On-Demand	Schenectady, NY	\$2695	2.7
PSEC 790	Process Oriented Engineering of Power Supply Systems - Advanced Course	Dec. 14 - 18, 2009	Schenectady, NY	\$3850	2.7

Power Systems SOFTWARE Engineering Curriculum (PSSC)

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PSSC 500	PSS®E - Introduction to Power Flow and Steady State Analysis BESTSELLER – Register early as this class fills quickly.	Nov. 10 - 14, 2008 Jan. 12 - 16, 2009 Apr. 13 - 17, 2009 Jul. 20 - 24, 2009 Sep. 21 - 25, 2009	Houston, TX Houston, TX Schenectady, NY Minnetonka, MN Schenectady, NY	\$2450 \$2695 \$2695 \$2695 \$2695	2.7
PSSC 550	PSS®E - Introduction to Dynamic Simulation BESTSELLER – Register early as this class fills quickly.	Jan. 19 - 23, 2009 Apr. 27 - May 01, 2009 Jul. 27 - 31, 2009 Sep. 28 - Oct. 2, 2009	Houston, TX Schenectady, NY Minnetonka, MN Schenectady, NY	\$2695 \$2695 \$2695 \$2695	2.7
PSSC 570	PSS®E Optimal Power Flow	Jan. 26 - 28, 2009	Houston, TX	\$2235	1.5
PSSC 600	Using Python to Integrate PSS®E Workflow	Nov. 11 - 13, 2008 Feb. 02 - 04, 2009 Apr. 27 - 29, 2009 Sep. 28 - 30, 2009 Dec. 14 - 16, 2009	San Jose, CA San Jose, CA Minnetonka, MN Schenectady, NY Houston, TX	\$2150 \$2365 \$2365 \$2365 \$2365	1.8
PSSC 625	PSS®E - What's New Overview & Refresher	Dec. 03 - 05, 2008	Schenectady, NY	\$2200	1.8
PSSC 675	Fundamentals of PSS®ODMS - Modeling and Analysis	Nov. 03, 2008 Mar. 02, 2009 Nov. 09, 2009	Houston, TX Houston, TX Schenectady, NY	\$1080 \$1198 \$1198	0.6
PSSC 700	PSS®E MUST - Managing and Utilizing System Transmission	Nov. 18 - 21, 2008 Mar. 02 - 05, 2009 Oct. 12 - 15, 2009 Dec. 07 - 10, 2009	Denver, CO Schenectady, NY Houston, TX Denver, CO	\$2340 \$2495 \$2495 \$2495	2.1
PSSC 705	PSS®E Graphical Model Builder (Control Systems Theory and Application to PSS®E)	Feb. 09 - 11, 2009	Denver, CO	\$3365	1.8
PSSC 708	PSS®E - Theory, Use and Interpretation of Small Signal Stability Analysis (NEVA)	Jan. 12 - 14, 2009	San Jose, CA	\$3365	1.8
PSSC 710	PSS®E - Advanced Power Flow	Mar. 23 - 27, 2009 Oct. 19 - 23, 2009	Schenectady, NY Minnetonka, MN	\$2695 \$2695	2.7
PSSC 715	PSS®E - Advanced Dynamic Simulation	Nov. 10 - 14, 2008 Oct. 26 - 30, 2009	Schenectady, NY Schenectady, NY	\$2450 \$2695	2.7
PSSC 720	PSS®E - Model Writing	Mar. 16 - 18, 2009	Schenectady, NY	\$2365	1.8
PSSC 730	PSS®SINCAL Basic	Feb. 16 - 17, 2009	Houston, TX	\$1650	1.2
PSSC 740	PSS®SINCAL Protection	Feb. 18, 2009	Houston, TX	\$2198	0.6
PSSC 750	PSS®SINCAL Reliability	Feb. 23 - 27, 2009	Houston, TX	\$3850	2.7
PSSC 760	PSS®SINCAL Dynamics	Dec. 07 - 09, 2009	Houston, TX	\$3365	1.8
Power TRANSMISSION Engineering Curriculum (PTEC)					
PTEC 410	Introduction to Fiber Optics	Aug. 24 - 26, 2009	Schenectady, NY	\$2365	1.8
PTEC 411	Transformer Diagnostics	May 27 - 29, 2009	Schenectady, NY	\$2365	1.8
PTEC 500	Fundamentals of Overhead Transmission Line Design	Jan. 26 - 30, 2009 Jun. 15 - 19, 2009	Schenectady, NY Schenectady, NY	\$2695 \$2695	2.7
PTEC 505	Electromagnetic Compatibility Inside Substations & Power Plants	Dec. 03 - 04, 2008	Schenectady, NY	\$1500	1.2
PTEC 508	Electromagnetic Compatibility Between Transmission Lines and Pipelines	Dec. 8 - 10, 2008	Schenectady, NY	\$2150	1.8

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PTEC 510	Fundamentals of Power System Electromagnetic Compatibility	Apr. 06 - 08, 2009	Schenectady, NY	\$2365	1.8
		Jul. 13 - 15, 2009	Schenectady, NY	\$2365	
PTEC 520	Overhead Transmission Line Uprating	Jun. 22 - 24, 2009	Schenectady, NY	\$2365	1.8
PTEC 535	Underground Cable Systems - Presented by Power Delivery Consultants, Inc.	Aug. 17 - 21, 2009	Schenectady, NY	\$2695	2.7
PTEC 620	Advanced Transmission Planning with Modern Network Analysis Tools (PSS®E, PSS®MUST, and PSS®E OPF)	Oct. 05 - 09, 2009	Schenectady, NY	\$2695	2.7
PTEC 635	Transmission Reliability Study Using PSS®E	Dec. 02 - 04, 2009	Schenectady, NY	\$2365	1.8
PTEC 650	Overvoltages and Insulation Coordination	Nov. 03 - 07, 2008	Schenectady, NY	\$2695	2.7
		Nov. 02 - 06, 2009	Schenectady, NY		
Siemens Equipment-Based Training (SEBT)					
SEBT – ASM	SP/SPS/S2 Breaker Maintenance	May 05 - 06, 2009	Jackson, MS	\$715	1.1
		Sept. 15 - 16, 2009	Jackson, MS	\$715	1.1
SEBT – ASM	BZO6/6C Breaker Maintenance	May 07 - 08, 2009	Jackson, MS	\$715	1.1
		Sept. 17 - 18, 2009	Jackson, MS	\$715	1.1

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Advance Certification

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www.usa.siemens.com/energy/pti-education

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(Promotional Code ER 09*)
- 💰 Group Rates – 10% discount on 3 students from the same company registering for the same class/date
(Promotional Code GR 09*)
- 💰 Six-Pack Speed Pass – Pay regular tuition for 6 classes and get the 7 course free*
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- 💰 **YEAR END PROMOTION: 08 Prices in 09 – Register and pay for a 2009 course and pay 2008 list tuition price**
(Promotional Code 08 09*)

Please be sure to mention the promotional code in the comments section of your registration form

*Some restrictions apply.