SHAW PTI BRINGS LEARNING ONLINE

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Everyone knows Shaw PTI is committed to education. Now we are broadening our commitment by providing training on the World Wide Web. We are pleased to announce our first e-Learning (electronic learning) course: Power Flow and Steady State Analysis for PSS/E users.

This course was developed by Shaw PTI’s sister company, Shaw Web Technologies, a leader in the e-Learning industry www.shawwebtech.com.

Benefits of e-Learning

Shaw PTI’s e-Learning courses will be delivered through the Internet. How does that benefit your organization? Think about it in these terms, online learning is:

- **Non-linear** - The training can be taken in any order. Participants can skip or review material as they desire.
- **Self-paced** - The learner determines the timing and duration of their training sessions.
- **Convenient** - The training is accessible anywhere with an Internet connection, 24/7.
- **Interactive and engaging** - Learning is enhanced with a high level of interactivity, including hands-on simulations of PSS/E-29 software with audio narration.
- **Flexible** - Busy people can fit their training in to suit their schedules.

Studies have shown that e-Learning can help employees learn faster, retain more knowledge, and make them productive more quickly than other training methods.

Power Flow and Steady State Analysis e-Learning Course

This course for PSS/E users provides a comprehensive description of the program interfaces and activities. The training enables users to perform detailed steady-state network studies involving power flow analysis, network constraints, short-circuit analysis, equipment ratings, and economic evaluations of market related issues.
Modules 1 and 2 will be available by the end of February. These modules are described below.

The comprehensive course covers the following training objectives:

- Create databases
- Check, modify, and add data
- Perform load-flow analyses
- Examine and report load-flow results
- Use both the Activity Selector and the Grid Editor
- Perform Security Constrained Operation studies for LMP analysis
- Perform Automatic Contingency Analysis
- Identify transfer limits across networks and interfaces
- Calculate short-circuit levels and circuit breaker duties
- Perform balanced switching studies
- Make Network Equivalents
- Calculate phase and sequence Transmission Line constants

Each self-study lesson provides learning assessments to help the user gauge their comprehension.

**Cost Effective Training through Learning Management**

Online learning is enhanced through use of a Learning Management System (LMS), which facilitates the training and certification process for students, administrators, managers and instructors. The LMS utilizes a cost effective medium of delivery - the Internet. Engineers will be able to receive training in the use and application of all Shaw PTI software and participate in Shaw PTI's world renowned engineering courses any time and anywhere.

In addition, the LMS will offer online student registration, lesson assignment, student tracking, bookmarking, and provide administration reporting. Providing these services will enable Shaw PTI to further enhance client satisfaction and participation in future courses.
Pricing

The initial purchase will be ten modules for one or more employees for a one-year duration. Additional individual lessons may be purchased for one individual for a one-year period, after the initial purchase.

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e-Learning offers a number of advantages compared to conventional classroom courses, including highly competitive pricing and continuous availability based on 12-month subscriptions for our clients’ enrolled staff.