

The Long Island IEEE Professional Activities Committee for Engineers (PACE)  
Presents a Tutorial Course on:

## *Linux Self Booting-Self Contained CD-ROMs*

Conducted by  
**Edward Dowdell**

Sponsored in part by the Long Island Section of IEEE

### Overview

The IEEE Long Island Section PACE committee is presenting a tutorial course focusing upon the new tools available to Consultants for rapid and easy use with Client PCs; the swift and secure repair, resurrection and maintenance of Computer Engineers and Consultants PCs; and the parallel development tools within new Linux Systems.

### Who Should Attend

Consulting engineers who use Computers to provide solutions to Client's problems now have a radically new way to transport many unique application programs containing solutions to the Client's problems directly to the Client's home PC, without having to carry anything more than a CD-ROM and Thumb Drive to the customer's facility. This course is of equal importance to Consultants, Computer Engineers and Professional Engineers (who now require CEU credits for license renewal)

### CEU Credits

0.2 CEUs will be awarded to participants who request them. For those who want Professional Development Hours (PDH), 2 PDH credits are equivalent to 0.2 CEUs.

### Key Benefits

A radically new product ~ a full Linux operating system with support applications on a self-booting CD-ROM ~ is taking the IT world by storm. IT and network managers are using these CD's to restore or resurrect defective servers and networks. They do not need the native OS's to run on a platform, but can employ Antiviral programs on the CD to rid the native system's hard drive of viruses and other defects.

When combined with a solid-state "Thumb Drive", these CD's enable an engineer to move about with a fully bootable Linux OS and its applications, plus saved data from that application, in their suit jacket side pocket.

### Content

The course is comprised of 3 sessions of 40 contact minutes each. All the same evening.

**Basic Concept(s):** Operational Capabilities, functions and many ideas and tips that haven't been taught or widely implemented yet.

**The bootable CD-ROM as a Recovery Tool:** Case histories of how they've been successfully used to restore networks and PC's from disastrous attacks (or even Operator errors!). New CD-ROMs are coming to further broaden the usefulness of these new tools and how "roll-your-own" CDs are made.

**Review and Q&A session:** A review of the Linux CD-ROM's relevant applications for Computer Engineers and Consultants of Linux's advantages over MS products. This is followed by an interactive Q&A session covering the Linux system, PC recovery, and productively using the CD-ROM with a thumb-drive.

### Instructor

Edward Dowdell is Founder of the Computer Literacy Society and has 48 years of industry experience in many differing Engineering & Management positions. He also is the inventor of the "Hand-Swiped" Credit Card Reader and the PolyPlex RF Network Communication System. His lecturing experience with PCs dates back to 1978 and computer design and use experience covers Simulation, Robotics, Analog & Digital processes and Business applications.

### Location and Time

Location: Briarcliff College,  
Date: May 4, 2005  
Time: 7:00 PM  
MAP: <http://www.licn.org>

For further information contact Irwin Weitman at 631 266-2651 or at [i.weitman@ieee.org](mailto:i.weitman@ieee.org).

### Registration:

LICN members need **NOT** register. All other attendees must register. There is **NO REGISTRATION FEE**.

Those participants that wish to earn CEU's must register, using the form below and submit a check in the amount of \$15.00 made payable to "IEEE Consultants' Network of Long Island with the form.

|   |                           |
|---|---------------------------|
| Registration Form<br><b>Linux CD-ROM Workshop,</b>  |                           |
| Make checks payable to "IEEE Consultants' Network of Long Island". Submit check and registration form to Irwin Weitman, 196 Cedrus Avenue, East Northport, NY 11731 |                           |
| Mr./Mrs./Ms. _____  |                           |
| Home Address: _____   |                           |
| City and Zip: _____   |                           |
| Phone: _____ E-mail: _____  |                           |
| IEEE Member #: _____ Grade: _____   |                           |
| Request for CEU credit. P.E. NYS Lic. # _____   |                           |
| Signature: _____  |                           |
| Date: _____   | Amount enclosed: \$ _____ |



IEEE is an Authorized CEU Provider of the International Association for Continuing Education and Training. IACET Provider #1255  
New York State CE Provider #100996