



3-DAY ETAP POWER SYSTEM ANALYSIS WORKSHOP

Attention ETAP users and prospective users. Plan to attend an ETAP workshop event in your area. Get the most of this powerful software tool by increasing your knowledge of ETAP. Sessions presented by certified ETAP instructors with extensive experience in ETAP and power systems. Past attendees have found excellent value in these workshops and have greatly improved their productivity.

| Location | Dates and Duration | Topics |
|-------------|-----------------------|---|
| Calgary, AB | May 5-7, 2010 - 3 day | - ETAP 3-Day Training Course #113 - Participants are provided with a PC installed with ETAP to undertake hands-on ETAP training |

Location:

Ctc TrainCanada
 Suite 600 – 900 6th Ave. SW
 Calgary, AB, T2P 3K2

Room:

Suite 600

Emergency Contact:

Facilities: (403) 216-8464
 ETAP: Darcy Braun – Cell - 780-554-4657

ETAP 3-DAY WORKSHOP AGENDA Includes Refreshments and Lunch

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|---------------------|--|---|
| Workshop Day | Morning Session 8:30 A.M. - Noon | Afternoon Session 1:00 P.M. – 4:30 P.M. |
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| Day 1 | <ul style="list-style-type: none"> ➤ General Overview ➤ One-Line Diagram | <ul style="list-style-type: none"> ➤ Library Systems ➤ Load Flow |
| Day 2 | <ul style="list-style-type: none"> ➤ Load Flow ➤ Cable Systems Review ➤ Motor Acceleration Review | <ul style="list-style-type: none"> ➤ Short-Circuit ➤ Device Coordination |
| Day 3 | <ul style="list-style-type: none"> ➤ Device Coordination ➤ Sequence of Operation ➤ Arc Flash | <ul style="list-style-type: none"> ➤ Transformer Sizing ➤ Ground Grid Systems |

Other topics such as Cable Pulling, Harmonic Analysis, Parameter Estimation, Cable Pulling, Transient Stability, Generator Start-Up, Optimal Power Flow, Reliability Assessment, Unbalanced Power Flow, DC Load Flow, DC Short Circuit, Battery Sizing & Discharge, Control System Diagrams, Wind Turbine Analysis, etc. are available via onsite training courses or attendance to advanced sessions.



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Nearby Hotels:

Sandman Hotel (Across the Street from CTC)

888 -7TH Ave SW
Calgary, AB, T2P 3J3
Tel: (403) 237-8626
Toll Free: 1 (800) 726-3626
Airport Shuttle \$15.00 1/way
Complimentary In-room Internet Access
Underground Parking Available

Holiday Inn Express Hotel (5 minutes walk)

1020 8th Ave SW
Calgary, AB, T2P 1J2
Tel: (403) 269-8262
Toll Free: 1 (800) 695-8284
Complimentary In-room Internet Access
Underground Parking Available

5 Calgary Downtown Suites Hotel (7 minutes walk)

618- 5th Ave SW
Calgary, AB, T2P 0M7
Tel: (403) 451-5551
Toll Free: 1 (888) 561-7666
Complimentary In-room Internet Access
Underground Parking Available

