



## INTERMEDIATE 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
Montreal, QC	April 14-16, 2010 - 3 day	<b>- ETAP Intermediate Training Course #113 -</b> Participants are provided with a PC installed with ETAP to undertake hands-on ETAP training

**Location:**

Synesis -TrainCanada  
 2075, rue University, 5<sup>th</sup> Floor  
 Montreal, QC, H3A 2L1  
 (No direct parking; various lots available in the area)

**Room:**

5<sup>th</sup> Floor

**Onsite Contact:**

Facility – 514-844-2300  
 Darcy Braun – Cell - 780-554-4657

### ETAP 3-DAY WORKSHOP AGENDA Includes Refreshments and Lunch (ENGLISH ONLY)

<b>Workshop Day</b>	<b>Morning Session</b> 8:30 A.M. - Noon	<b>Afternoon Session</b> 1:00 P.M. – 4:30 P.M.
---------------------	--	---

<b>Day 1</b>	<ul style="list-style-type: none"> <li>➤ General Overview</li> <li>➤ One-Line Diagram</li> </ul>	<ul style="list-style-type: none"> <li>➤ Library Systems</li> <li>➤ Load Flow</li> </ul>
<b>Day 2</b>	<ul style="list-style-type: none"> <li>➤ Load Flow</li> <li>➤ Cable Systems Review</li> <li>➤ Motor Acceleration Review</li> </ul>	<ul style="list-style-type: none"> <li>➤ Short-Circuit</li> <li>➤ Device Coordination</li> </ul>
<b>Day 3</b>	<ul style="list-style-type: none"> <li>➤ Device Coordination</li> <li>➤ Sequence of Operation</li> <li>➤ Arc Flash</li> </ul>	<ul style="list-style-type: none"> <li>➤ Transformer Sizing</li> <li>➤ Ground Grid Systems</li> </ul>

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.



**ETAP Canada Ltd.**  
117 Pembina Road, Suite 109, Sherwood Park, AB, Canada, T8H 0J4  
P 780-467-5050 F 866-821-3732 TF 866-573-3827  
Email: sales@etap.ca

Nearby Hotels:

***Four Points by Sheraton Hotel & Suites*** 475, Sherbrooke West, 514-842-3961

***Delta Montreal Hotel*** 475, President Kennedy Ave, 514-286-1986

***Courtyard Montreal*** 410 Sherbrooke St. West, 514-844-8855

***Holiday Inn Montreal Midtown*** 420 Sherbrooke St. West, 514-842-6111

