



**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

## 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
Vancouver, BC	Feb 1-3, 2012 - 3 day	<b>- ETAP 3-Day Training Course #113 -</b> Participants are provided with a PC installed with ETAP to undertake hands-on ETAP training

**Location:**

Ctc TrainCanada  
 1155 West Pender Street  
 Vancouver, BC, V6E 2P4  
 (No direct parking; various lots available in the area)

**Room:**

Suite 650

**Onsite Contact:**

Facility – 604-685-1205  
 Debbie Bailey – 780-467-5050 X123

## ETAP 3-DAY WORKSHOP AGENDA

Includes Refreshments and Lunch

<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.
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<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.

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**Nearby Hotel:**

**(CTC TrainCanada – ROOM RATE Available)**

**CARMANA PLAZA (2 minutes)**

**1128 Alberni Street Vancouver, BC, V6E 4R6**

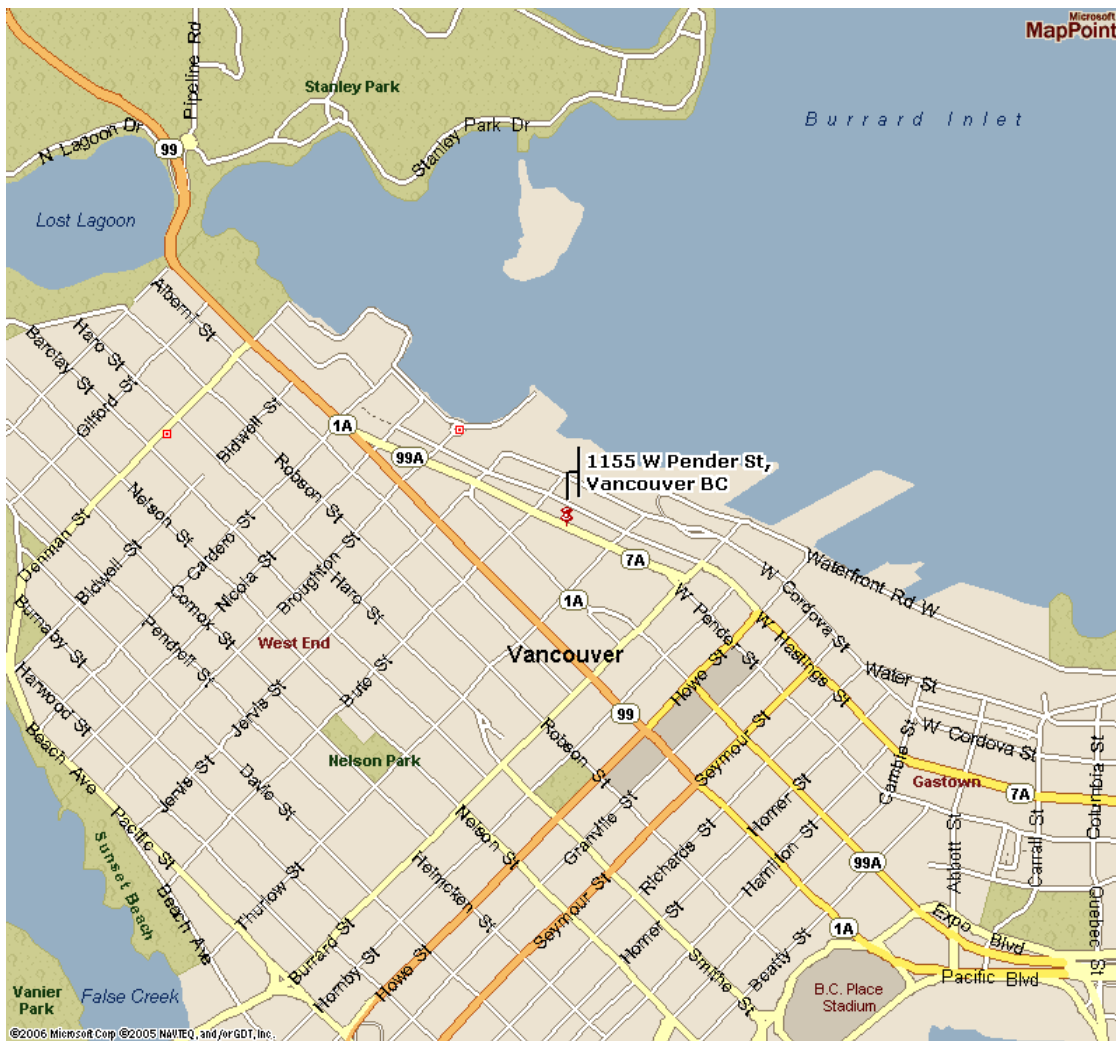
**Phone (604) 683-1399 Toll Free 1-877-686-9988**

**www.carmanaplaza.com**

**2 minute walk**

**No direct airport Shuttle**

**Internet Access is included in the CTC TrainCanada rate**



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