

## Scheduled CAESAR II Training

### 3 days Dynamics

#### Typical Course Coverage

Days 1 to 3: Monday through Wednesday or Tuesday through Thursday

Includes;

<p>Theory of dynamic analysis of; systems (Notes - Chapter 1)</p> <ul style="list-style-type: none"> <li>• Harmonic load analysis - forced vibration</li> <li>• CAESAR II Model TDRPMP</li> </ul>	<p>Response spectrum analysis;</p> <ul style="list-style-type: none"> <li>• seismic load evaluation (CAESAR II Model DIABLO)</li> </ul> <p>Time history analysis</p> <ul style="list-style-type: none"> <li>• hammer loads (CAESAR II Model SNFAIL)</li> </ul>	<p>Survey of transient load evaluation through a relief valve example;</p> <ul style="list-style-type: none"> <li>• Dynamic analysis workshop (natural frequency calculation)</li> <li>• dynamic load factor verification</li> </ul> <p>Slug flow modelling</p>
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This schedule is indicative only and is subject to change without notice.