

## Scheduled CAESAR II Training

### 5 days Statics (with option on first 3 days attendance only)

#### Typical Course Coverage

Days 1 to 3: Monday through Wednesday

Includes;

Introduction (interface, units, how CAESAR II works.....)	Theory and development (failure theories, code equations etc.)	Piping code basics
Piping input	Simple re-design for expansion	Load-based piping design
Combining models	Variable spring hangers	Load case set-up
Pump Load Evaluation	Hanger Sizing	System Redesign
Structural Steel	Expansion Joints	Nozzle Flexibility
Local Stress Evaluation	Custom Reports	Output Filters
Isometric creation	+ additional topics.....	

Days 4 and 5: Thursday and Friday

Includes;

Modelling and analysis of a transmission line incl. <ul style="list-style-type: none"> <li>• buried pipe modeller</li> <li>• fatigue evaluation</li> <li>• load case manipulation</li> </ul>	Modelling and analysis of a jacketed riser incl. <ul style="list-style-type: none"> <li>• list/edit modelling</li> <li>• jacketed pipe</li> <li>• wind and hydro-dynamic loading</li> </ul>	Modelling and analysis of FRP Piping Systems incl. <ul style="list-style-type: none"> <li>• FRP set up and evaluation</li> <li>• Statics seismic loads</li> </ul>
Analysis documentation and workshop* incl. <ul style="list-style-type: none"> <li>• Model generation</li> <li>• System evaluation</li> <li>• Re-design</li> </ul>		

\* Depending on class attendance mode, may be switched to Wednesday

This schedule is indicative only and is subject to change without notice.