

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

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

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