



Course Description:	Fundamentals of Reservoir Engineering
Course Location	Hydrifact Limited, Edinburgh
Course Description	<p>This course provides full descriptions for reservoir engineering, concepts and equations.</p> <p>Main course syllabus:</p> <ul style="list-style-type: none">➤ Fundamental concepts in reservoir engineering➤ The role of PVT in reservoir engineering➤ Material balance applied to oil reservoirs➤ Darcy's law and applications➤ Differential equations in porous media➤ Single phase gas reservoir➤ Gas condensate reservoirs➤ Undersaturated oil reservoirs➤ Saturated oil reservoir➤ Single phase fluid flow in reservoirs➤ Well inflow equations➤ Radial diffusivity equation➤ Gas well testing➤ Water influx➤ Immiscible displacement
Audience	Process, Reservoir, Petroleum and Drilling Engineers
Prerequisites	Previous experience in process engineering or flow assurance issues, familiarity with computers and a basic understanding of chemistry, thermodynamics and general physics would be helpful.
Course Length	5 Days
Course Materials	Hard copies of slides and course supporting materials, including; references and other useful documents. A certificate will be provided by Hydrafact at the end of the course.
Course Contacts	Please email us at info@hydrifact.com