



## Reservoir Engineering for Other Disciplines - REO - Virtual, Blended Delivery

### COURSE

#### About the Course

This course will be delivered virtually through PetroAcademy. PetroAcademy integrates multiple learning activities, such as reading assignments, self-paced e-Learning activities, virtual instructor-led sessions, discussion forums, exercises, case studies, and quizzes.

This course gives the non-reservoir engineer a better understanding of reservoir engineering practices and limitations. The course is designed to provide a good understanding of reservoir engineering processes, the required data, and the limitations on the engineers' analysis and interpretations. The course also provides persons who are already well trained in the other upstream petroleum industry technical disciplines with an understanding of the current state-of-the-art practice of reservoir engineering.

[See detailed schedule](#)

[See demo of online learning and instructor-led modules](#)

#### Target Audience

Engineers and geoscientists now working in an asset environment where they need to better understand the practices and limitations of the methods and procedures employed by the reservoir engineers with whom they work. Participants should have three or more years of technical experience in the upstream petroleum industry.

#### You Will Learn

Participants will learn how to:

- Utilize the tools and techniques of the reservoir engineer
- Apply the principles of reservoir engineering
- Develop reservoir, well performance and asset management options

#### Course Content

##### BLENDING LEARNING WORKSHOP STRUCTURE

This program is comprised of the following activities:

**ILT** = Virtual Instructor-led Training**OL** = Online Learning Activity/Reading

| Week   | Activity   | Hours<br>(Approx) | Subject                                         | Session 1                         | Session 1                             | Session 2                         | Session 2                             |
|--------|------------|-------------------|-------------------------------------------------|-----------------------------------|---------------------------------------|-----------------------------------|---------------------------------------|
|        |            |                   |                                                 | Virtual ILT<br>Option 1           | Virtual ILT<br>Option 2               | Virtual ILT<br>Option 1           | Virtual ILT<br>Option 2               |
|        |            |                   |                                                 | Perth, AUS<br>timezone<br>(GMT+8) | Houston,<br>US<br>timezone<br>(GMT-5) | Perth, AUS<br>timezone<br>(GMT+8) | Houston,<br>US<br>timezone<br>(GMT-5) |
| Week 1 | <b>ILT</b> | 1.0               | Orientation<br>Webcast (pre-<br>recorded)       |                                   |                                       |                                   |                                       |
|        | <b>OL</b>  | 1.0               | This is<br>Reservoir<br>Engineering             |                                   |                                       |                                   |                                       |
|        | <b>OL</b>  | 3.0               | Reservoir<br>Rock<br>Properties                 |                                   |                                       |                                   |                                       |
| Week 2 | <b>ILT</b> | 1.5               | Reservoir<br>Rock<br>Properties<br>Fundamentals | Monday,<br>April 11,<br>09:00     | Tuesday,<br>April 12,<br>08:00        | Monday,<br>Aug 29,<br>09:00       | Tuesday,<br>Aug 30,<br>08:00          |
|        | <b>OL</b>  | 6.0               | Reservoir<br>Rock<br>Properties<br>Fundamentals |                                   |                                       |                                   |                                       |
|        | <b>ILT</b> | 1.5               | Reservoir<br>Rock<br>Properties<br>Fundamentals | Wednesday,<br>April 13,<br>09:00  | Thursday,<br>April 14,<br>08:00       | Wednesday,<br>Aug 31,<br>09:00    | Thursday,<br>Sept 1,<br>08:00         |
| Week 3 | <b>ILT</b> | 1.5               | Reservoir<br>Fluid                              | Monday,<br>April 25,<br>09:00     | Tuesday,<br>April 26,<br>08:00        | Monday,<br>Sept 12,<br>09:00      | Tuesday,<br>Sept 13,<br>08:00         |

|                             |            |     |                                                                 |                                  |                                 |                                 |                                |
|-----------------------------|------------|-----|-----------------------------------------------------------------|----------------------------------|---------------------------------|---------------------------------|--------------------------------|
| Fundamentals<br>- Session 1 |            |     |                                                                 |                                  |                                 |                                 |                                |
|                             | <b>OL</b>  | 7.0 | Reservoir<br>Fluid<br>Fundamentals                              |                                  |                                 |                                 |                                |
|                             | <b>ILT</b> | 1.5 | Reservoir<br>Fluid<br>Fundamentals<br>- Session 2               | Wednesday,<br>April 27,<br>09:00 | Thursday,<br>April 28,<br>08:00 | Wednesday,<br>Sept 14,<br>09:00 | Thursday,<br>Sept 15,<br>08:00 |
| Week<br>4                   | <b>OL</b>  | 3.0 | Reservoir<br>Flow<br>Properties                                 |                                  |                                 |                                 |                                |
| Week<br>5                   | <b>ILT</b> | 1.5 | Reservoir<br>Flow<br>Properties<br>Fundamentals<br>- Session 1  | Monday,<br>May 9,<br>09:00       | Tuesday,<br>May 10,<br>08:00    | Monday,<br>Sept 26,<br>09:00    | Tuesday,<br>Sept 27,<br>08:00  |
|                             | <b>OL</b>  | 6.0 | Reservoir<br>Flow<br>Properties<br>Fundamentals                 |                                  |                                 |                                 |                                |
|                             | <b>ILT</b> | 1.5 | Reservoir<br>Flow<br>Properties<br>Fundamentals<br>- Session 2  | Wednesday,<br>May 11,<br>09:00   | Thursday,<br>May 12,<br>08:00   | Wednesday,<br>Sept 28,<br>09:00 | Thursday,<br>Sept 29,<br>08:00 |
| Week<br>6                   | <b>OL</b>  | 4.0 | Reservoir<br>Material<br>Balance                                |                                  |                                 |                                 |                                |
| Week<br>7                   | <b>ILT</b> | 1.5 | Reservoir<br>Material<br>Balance<br>Fundamentals<br>- Session 1 | Monday,<br>May 23,<br>09:00      | Tuesday,<br>May 24,<br>08:00    | Monday, Oct<br>10, 09:00        | Tuesday,<br>Oct 11,<br>08:00   |
|                             | <b>OL</b>  | 6.0 | Reservoir<br>Material                                           |                                  |                                 |                                 |                                |

|            |     |     |                                                                                         |                                |                               |                                |                               |
|------------|-----|-----|-----------------------------------------------------------------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|
|            |     |     | Balance<br>Fundamentals                                                                 |                                |                               |                                |                               |
|            |     |     | Reservoir<br>Material<br>Balance<br>Fundamentals<br>- Session 2                         | Wednesday,<br>May 25,<br>09:00 | Thursday,<br>May 26,<br>08:00 | Wednesday,<br>Oct 12,<br>09:00 | Thursday,<br>Oct 13,<br>08:00 |
| Week<br>8  | ILT | 1.5 | Decline Curve<br>Analysis and<br>Empirical<br>Approaches<br>Fundamentals<br>- Session 1 | Monday,<br>June 6,<br>09:00    | Tuesday,<br>June 7,<br>08:00  | Monday, Oct<br>24, 09:00       | Tuesday,<br>Oct 25,<br>08:00  |
|            | OL  | 8.0 | Decline Curve<br>Analysis and<br>Empirical<br>Approaches<br>Fundamentals                |                                |                               |                                |                               |
|            | ILT | 1.0 | Decline Curve<br>Analysis and<br>Empirical<br>Approaches<br>Fundamentals<br>- Session 2 | Wednesday,<br>June 8,<br>09:00 | Thursday,<br>June 9,<br>08:00 | Wednesday,<br>Oct 26,<br>09:00 | Thursday,<br>Oct 27,<br>08:00 |
| Week<br>9  | OL  | 4.0 | Reserves and<br>Resources                                                               |                                |                               |                                |                               |
| Week<br>10 | OL  | 4.0 | Pressure<br>Transient<br>Analysis                                                       |                                |                               |                                |                               |
| Week<br>11 | ILT | 1.0 | Reservoir<br>Fluid<br>Displacement<br>Fundamentals<br>- Session 1                       | Monday,<br>June 27,<br>09:00   | Tuesday,<br>June 28,<br>08:00 | Monday,<br>Nov 14,<br>09:00    | Tuesday,<br>Nov 15,<br>08:00  |
|            | OL  | 7.0 | Reservoir<br>Fluid                                                                      |                                |                               |                                |                               |

|     |     |                              |            |           |            |           |
|-----|-----|------------------------------|------------|-----------|------------|-----------|
|     |     | Displacement<br>Fundamentals |            |           |            |           |
|     |     | Reservoir                    |            |           |            |           |
| ILT | 1.0 | Fluid                        | Wednesday, | Thursday, | Wednesday, | Thursday, |
|     |     | Displacement                 | June 29,   | June 30,  | Nov 16,    | Nov 17,   |
|     |     | Fundamentals                 | 09:00      | 08:00     | 09:00      | 08:00     |
|     |     | - Session 2                  |            |           |            |           |

Product Details

Categories: [Upstream](#)  
Disciplines: [Reservoir Engineering](#)  
Levels: [Foundation](#)  
Product Type: [Course](#)  
Formats Available: [On-Demand](#) [Virtual](#)  
Instructors: [Mohan Kelkar](#) [Richard Henry](#)

On-Demand Format

| Course | On-Demand (Available Immediately )

\$3,990.00