



**FracPT** FZE

**Stimulation Training  
Courses**

[www.FracPT.com](http://www.FracPT.com)



## **Short Courses – ½ - 1 Day**

- Beginners guide to Well Stimulation
- Introduction to Matrix Acidizing
- Introduction to Hydraulic Fracturing
- Introduction to Wellbore Cementing
- Mining & Manufacture of Proppants
- Oilfield 101

## **Full Courses – 1 – 5 days**

- Formation Damage and Remediation
- Matrix Acidizing
- Acid Fracturing
- Propped Fracturing
- Wellbore Cementing
- Unconventional Well Stimulation
- Advanced Cementing Practices

## **Manual Creation**

- Acidizing Practical Manual
- Acidizing Materials Manual (for Customer product range)
- Fracturing Practical Manual
- Fracturing Materials Manual (for Customer product range)
- Cementing Practical Manual
- Cementing Material Manual (for Customer product range)



## **Typical Introduction to Stimulation – 1 Day short course**

### **Morning Session 8:00 – 11:30**

- Student Introduction/Course Expectations – ½ hr (Instructor/Students)
- Basic Fundamentals of Carbonate & Sandstone Acidizing
- Well, Reservoir & Fluid properties, Damage & Skin
  
- Coffee Break – ¼
  
- Introduction to Acids and Additives
- Candidate Selection & Laboratory Testing
  
- Lunch – 11:30 – 12:30

### **Afternoon Session 12:30 – 5:00**

- Basics of Hydraulic Fracturing (fracture initiation, propagation, fracture conductivity, FcD)
- Basics of Fracture Design (Fluid selection, proppant selection)
- Candidate selection for propped fracturing
  
- Coffee Break – ¼ hr
  
- Understanding production mechanisms in fracture stimulated wells
- Range of possible production improvement from fracture stimulation
- Evaluating post-fracture production (welltest analysis vs. reservoir simulation)
- Review Expectations and Feed Back – ½ hr.



## **Typical 3 Day Matrix Acidizing Course:**

### **Day 1 – Morning Session**

- Basic Fundamentals of Acidizing
  - Fundamentals of carbonate Acidizing
  - Fundamentals of sandstone Acidizing
- Well, Reservoir & Fluid properties

### **Day 1 – Afternoon Session**

- Damage and Skin
- Candidate Selection

### **Day 2 – Morning Session**

- Acid Types
  - HCl
  - HF
  - Organic Acids
  - Non-Acids

### **Day 2 – Afternoon Session**

- Acidizing Additives - Introduction
  - Inhibitors
  - Surfactants, Anti Sludges, and Demulsifiers

### **Day 3 – Morning Session**

- Acidizing Additives Continued
  - Mutual Solvents
  - Iron Control
  - Diversion and Diverting Agents

- **Day 3 – Afternoon Session**

- Laboratory Testing for Acidizing Design
- Acidizing Design Software