FluidFlow Advanced Training 2026

Master Fluid System Design and Optimization

Course Schedule & Pricing

EU June 15-19, 2026

Week 25

08:00 GMT+1 daily | EU Region

COURSE	DURATION	PRICE (USD)	COURSE ID
Fundamentals + Liquid	3 Days	$2,350	EUR-JUN-FL
Fundamentals + Liquid + Gas	5 Days	$2,350	EUR-JUN-FLG
Fundamentals + Liquid + Slurry	5 Days	$2,350	EUR-JUN-FLS
Slurry Systems	2 Days	$1,825	EUR-JUN-S

APAC August 17-21, 2026

Week 34

08:00 GMT+8 daily | APAC Region

COURSE	DURATION	PRICE (USD)	COURSE ID
Fundamentals + Liquid	3 Days	$2,350	APAC-AUG-FL
Fundamentals + Liquid + Gas	5 Days	$2,350	APAC-AUG-FLG
Fundamentals + Liquid + Slurry	5 Days	$2,350	APAC-AUG-FLS
Slurry Systems	2 Days	$1,825	APAC-AUG-S

EU October 12-16, 2026

Week 42

08:00 GMT+1 daily | EU Region

COURSE	DURATION	PRICE (USD)	COURSE ID
Fundamentals + Liquid	3 Days	$2,350	EU-OCT-FL
Fundamentals + Liquid + Gas	5 Days	$2,350	EU-OCT-FLG
Fundamentals + Liquid + Slurry	5 Days	$2,350	EU-OCT-FLS
Slurry Systems	2 Days	$1,825	EU-OCT-S

APAC November 9-13, 2026

Week 46

08:00 GMT+8 daily | APAC Region

COURSE	DURATION	PRICE (USD)	COURSE ID
Fundamentals + Liquid	3 Days	$2,350	APAC-NOV-FL
Fundamentals + Liquid + Gas	5 Days	$2,350	APAC-NOV-FLG
Fundamentals + Liquid + Slurry	5 Days	$2,350	APAC-NOV-FLS
Slurry Systems	2 Days	$1,825	APAC-NOV-S

2027 Advanced Training Schedule (Live)

Courses: Fundamentals + Liquid + Gas / Slurry

COURSE DATE	Region
February 15 - 19, 2027	EUROPE
May 17 - 21, 2027	APAC
June 14 - 18, 2027	EUROPE
August 16 - 20, 2027	APAC
October 11 - 15, 2027	EUROPE
November 8 - 12, 2027	APAC

Group Discount Benefits

ATTENDEES	DISCOUNT	EXAMPLE CALCULATION
4-6 attendees	10% discount	Team of 5: **Save $1,225** on $12,250 total
7-10 attendees	15% discount	Team of 8: **Save $2,940** on $19,600 total
10+ attendees	20% discount	Team of 12: **Save $5,880** on $29,400 total

Master Advanced Fluid System Design with Expert Training

With over 40 years of industry expertise, our advanced training program provides engineers with in-depth knowledge of fluid system design, analysis, and optimization. We transform complex theoretical concepts into practical engineering skills you can apply immediately.

Key Learning Outcomes

Design, optimize, troubleshoot fluid networks

Apply advanced modeling techniques

Identify and resolve inefficiencies

Handle all flow types

Earn FluidFlow certification

Training Structure

Welcome and objectives

Applied hands-on training

Knowledge validation

Professional recognition

Target Audience

Process & mechanical engineers

Engineering professionals

Plant operators

Engineering managers

EPC professionals

Companies seeking efficiency

What You'll Get

Live Zoom sessions with experts

Hands-on real-world exercises

Comprehensive materials

Session recordings

Official certification

Ongoing support

Delivery Method

Direct Interaction: Real-time Q&A with experienced instructors

Collaborative Learning: Opportunities to connect with peers globally

Convenience: Participate from your office or home

Benefits by User Type

For Owner-Operators: Identify system inefficiencies, test modifications virtually, optimize equipment performance

For EPCs/Engineers: Streamline design processes, validate designs accurately, optimize equipment selection

Explore Our Comprehensive Course Modules

Detailed Course Content:

Fundamentals Module:

- Software Interface and General Configuration
- Basic Flowsheet Operations
- Fundamentals of Fluid Network Modeling
- Database Operations
- Hydraulic Calculation Procedure
- Results Analysis and Interpretation

Two-Phase Module

- Two-Phase Flow Theory
- Two-phase flow patterns and modeling approaches
- Flow regime mapping and visualization
- Pressure drop correlations for two-phase systems
- Line Sizing for Two-Phase Flow

Liquid Module

- Introduction to Pumps
- Pump Sizing Principles
- Developing Pump Process Datasheets
- Centrifugal Pump Performance Modeling
- Centrifugal Pump Curve Viscosity Correction
- Centrifugal Pump Affinity Laws
- Liquid Service Control Valve Sizing
- Analyzing Pump Performance in FluidFlow

Gas Module

- Compressible Flow Principles and Calculations
- Pressure Drop in Gas Networks
- Gas Property Modeling and Equations of State
- Control Valve Basics, Sizing & Selection
- Line Sizing for Gas/Vapor
- Choked Flow Analysis
- Heat Transfer in Gas Systems
- Fan and Compressor Selection

Slurry Module

- Introduction to Slurries
- Slurry Pipe Characteristic Curve
- Settling Slurry Model Input Data
- Settling Slurry Friction Loss
- Slurry Flow Characteristic Velocities
- Specific Energy Consumption
- Non-Horizontal Settling Slurry Flows
- Centrifugal Slurry Pump Performance
- Introduction to Non-Newtonian Liquids
- Newtonian vs. Non-Newtonian Hydraulic Modeling
- Non-Newtonian Viscosity Models
- Defining Non-Newtonian Viscosity
- Non-Newtonian Friction Loss Calculations
- Non-Newtonian Centrifugal Pump Viscosity Correction

Frequently Asked Questions

What level of experience is required?

This is an advanced training program designed for engineers with some existing knowledge of fluid systems. However, the Fundamentals module provides a solid base for those looking to deepen their understanding.

What software is used during training?

FluidFlow is the software used for practical exercises (training licenses provided). Zoom is used for live session delivery. Course tests are provided from our platform, Thinkific.

Is the certification recognized by employers?

Yes, the FluidFlow Professional Certification is widely recognized in the engineering industry and demonstrates a high level of expertise in advanced fluid system design.

What if I can’t attend the live sessions?

While we encourage live participation for interactive Q&A, recordings of the sessions will be made available to registered participants for review.

What are the system requirements?

You will need a stable internet connection and a computer with audio and video capabilities. We conduct the sessions on Zoom.

Can I get customized training for my company?

Absolutely. Our "In-Company Training Option" allows you to tailor the course content and delivery to your specific organizational needs.

Registration

Chat to Flow on our website: fluidflowinfo.com/advanced-training

Email: sales@fluidflowinfo.com **Website:** fluidflowinfo.com

Please specify Course ID when registering

Spaces Limited - Register Today