FLUIDFLOW ADVANCED TRAINING 2027

Model. Analyze. Optimize.

Live online training. EUMENA sessions follow Dublin time; APAC sessions follow Perth time.

ADVANCED | LIVE ONLINE

EXPERT-LED | HANDS-ON

2027 course schedule & pricing

EUMENA | February 15-19, 2027 — WEEK 07

08:00 Dublin time (GMT, UTC+0) daily | Monday-Friday

Perth equivalent: 16:00 (AWST, UTC+8) | Perth is 8 hours ahead of Dublin.

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

APAC | May 17-21, 2027 — WEEK 20

08:00 Perth time (AWST, UTC+8) daily | Monday-Friday

Dublin equivalent: 01:00 (IST, UTC+1) | Perth is 7 hours ahead of Dublin.

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

EUMENA | June 14-18, 2027 — WEEK 24

08:00 Dublin time (IST, UTC+1) daily | Monday-Friday

Perth equivalent: 15:00 (AWST, UTC+8) | Perth is 7 hours ahead of Dublin.

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

2027 COURSE SCHEDULE

Choose your regional session.

Six live training weeks across EUMENA and APAC. All prices in USD.

APAC | August 16-20, 2027

WEEK 33

08:00 Perth time (AWST, UTC+8) daily | Monday-Friday
Dublin equivalent: 01:00 (IST, UTC+1) | Perth is 7 hours ahead of Dublin.

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

EUMENA | October 11-15, 2027

WEEK 41

08:00 Dublin time (IST, UTC+1) daily | Monday-Friday
Perth equivalent: 15:00 (AWST, UTC+8) | Perth is 7 hours ahead of Dublin.

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 8-12, 2027

WEEK 45

08:00 Perth time (AWST, UTC+8) daily | Monday-Friday
Dublin equivalent: 00:00 (GMT, UTC+0) | Perth is 8 hours ahead of Dublin.

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

GROUP BOOKINGS

Group discounts of **10%, 15% and 20%** are available, depending on attendee count.
Contact sales for a team quote and to confirm the applicable rate.

LIVE ONLINE | ADVANCED TRAINING

Build practical expertise.

From fluid network fundamentals to advanced analysis, troubleshooting and optimization.

PRACTICAL | INTERACTIVE

LEARN | APPLY | VALIDATE

Regular courses cover Fundamentals, Liquid, Gas and Slurry systems. Two-Phase training is offered separately as a specialist supplement.

LEARNING OUTCOMES

What you will learn

- Design, optimize and troubleshoot fluid networks.
- Apply advanced modeling and resolve inefficiencies.
- Model liquid, gas and slurry systems.

TRAINING STRUCTURE

Learn, apply, validate

- Welcome, objectives and course orientation.
- Applied hands-on training and practical exercises.
- Knowledge validation and FluidFlow certification.

TARGET AUDIENCE

Who should attend

- Process and mechanical engineers; EPC professionals.
- Plant operators and engineering managers.
- Engineering teams seeking better system performance.

PRACTICAL DELIVERY

What you receive

- Live Zoom sessions, exercises and course materials.
- Session recordings and ongoing support.
- Training licenses and official FluidFlow certification.

DELIVERY METHOD

Learn with an expert

- Real-time questions and answers with experienced instructors.
- Connect and learn with peers around the world.
- Participate from your office or home.

ENGINEERING VALUE

Apply it to your work

- Owner-operators: identify inefficiencies and test modifications.
- Optimize equipment performance and selection.
- EPCs: streamline design and validate proposed systems.

COMPREHENSIVE COURSE MODULES

Explore the technical syllabus.

Regular course modules, plus a separate specialist supplement for Two-Phase Flow.

REGULAR COURSE | FOUNDATION

Fundamentals

- Software interface and general configuration
- Basic flowsheet operations
- Fundamentals of fluid network modeling
- Database operations
- Hydraulic calculation procedure
- Results analysis and interpretation

REGULAR COURSE | LIQUID SYSTEMS

Liquid

- Introduction to pumps and 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

REGULAR COURSE | COMPRESSIBLE FLOW

Gas

- Compressible flow principles and calculations
- Pressure drop in gas networks
- Gas property modeling and equations of state
- Control valve basics, sizing and selection
- Line sizing for gas/vapor and choked flow analysis
- Heat transfer in gas systems
- Fan and compressor selection

REGULAR COURSE | SLURRY SYSTEMS

Slurry & non-Newtonian

- 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

SPECIALIST SUPPLEMENT | INTERMITTENT & ON REQUEST

Two-Phase Flow

Courses run intermittently and on request for this specialist subject.
First complete **Fundamentals + Liquid + Gas**, then take the supplementary Two-Phase course.
Contact us for details: sales@fluidflowinfo.com

Topics: flow theory, flow patterns, flow regime mapping and visualization, pressure-drop correlations and line sizing.

PLAN YOUR TRAINING

Your questions, answered.

Prepare for the sessions, choose your course and register with the relevant Course ID.

What level of experience is required?

The program is designed for engineers with some knowledge of fluid systems. The Fundamentals module provides a base for those developing their understanding.

What software is used during training?

Practical exercises use FluidFlow, with training licenses provided. Live sessions run on Zoom; course tests are delivered through Thinkific.

Will I receive certification?

The program includes knowledge validation and official FluidFlow certification.

What if I cannot attend the live sessions?

Live participation is encouraged for interactive questions and answers. Session recordings are 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 for the Zoom sessions.

Can we book a private company course?

Yes. For groups of **more than 14 attendees**, we can offer a private company course. Contact us to discuss your requirements.

Do you offer bespoke system courses?

Yes. These courses supplement Advanced Training On-Demand or the Advanced Live courses. Contact us to discuss your system and training requirements.

Do you offer consulting, peer review or model validation?

Yes. We offer consulting, peer review and model validation. Contact us for more details.

REGISTER FOR ADVANCED TRAINING

Choose your course. Reserve your place.

Chat to Flow at **fluidflowinfo.com/advanced-training**

Email **sales@fluidflowinfo.com**

Please specify the Course ID when registering.

Spaces limited - register today.