



2023 Training Catalog

ENSURE TOMORROW'S
ENERGY COMPETENCIES



THE IFP GROUP OVERVIEW



IFP Energies nouvelles is a major research and training player in the fields of energy, transport and environment.

2005 **NOBEL PRIZE
IN CHEMISTRY**

YVES CHAUVIN

GEOSCIENCE CONSULTING & SOFTWARE



REFINING PROCESSES, PETROCHEMICALS, BIOFUELS, GAS TREATMENT & CATALYSTS



ENERGY TRANSITION



EDUCATION & TRAINING




15,000
PARTICIPANTS
PER YEAR


80
NATIONALITIES
REPRESENTED


+300
LECTURERS
& INDUSTRY
EXPERTS

47
YEARS
OF EXPERIENCE



OIL



GAS



NEW
ENERGIES



ELECTRICITY



REFINING



PETROCHEMICALS
& CHEMICALS



TRANSPORT





COMPETENCY MANAGEMENT SERVICES

To align workforce competencies to your organization business strategy:

- Competency Model Development
- Assessment
- Gap Analysis
- Competency-based training plan solutions & IFP Training Certification



TRAINING SOLUTIONS

To accelerate your team skills development & Certify their competencies:

- Customized
- Classroom: Public or In-house
- Distance: Virtual, E-learning
- Blended Learning
- Simulation-based
- Real-size industrial units
- OJT
- Master's degree with IFP School



PARTNER PROGRAMS

To support local content strategic initiatives:

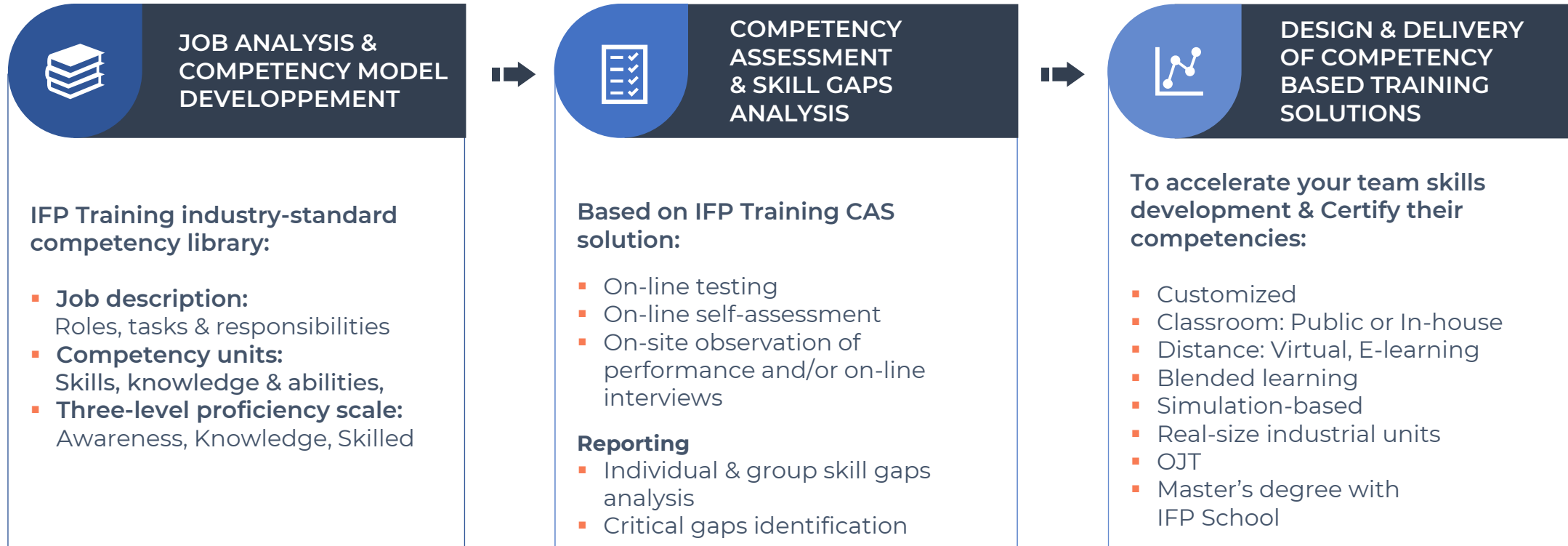
- Customized training programs
- Trainers accreditation
- Training facilities & administrative processes standards
- Jointly engineering & delivering Certificated training programs





COMPETENCY MANAGEMENT

TO ALIGN WORKFORCE COMPETENCIES TO YOUR ORGANIZATION BUSINESS STRATEGY



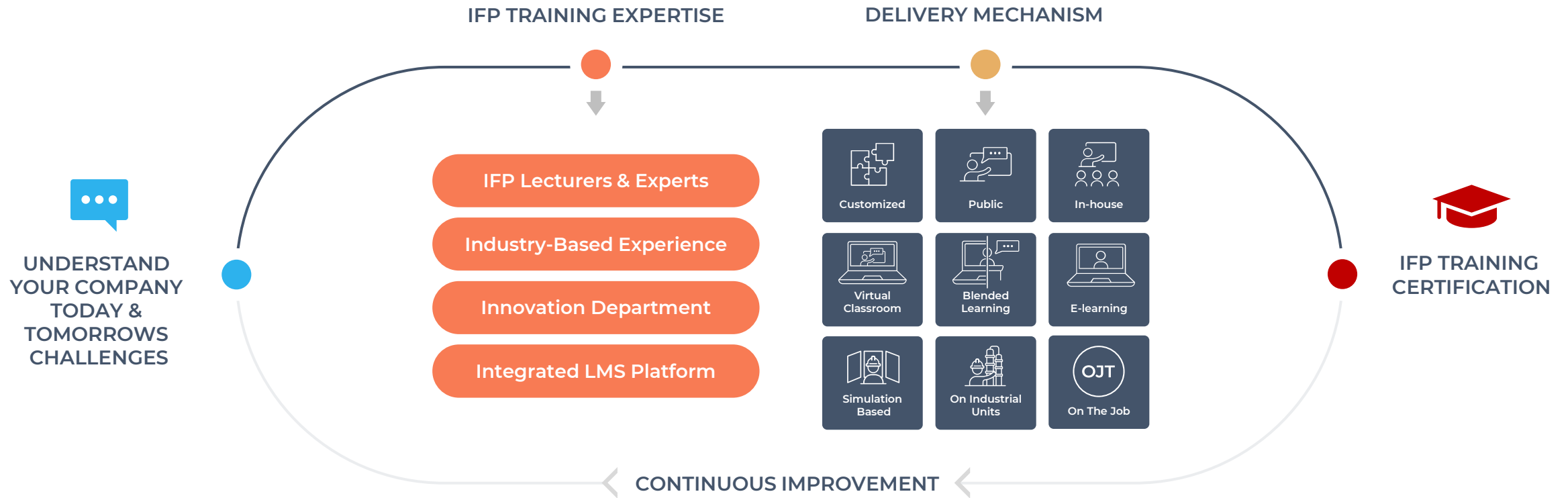
Based on IFP Training's Online Solution or uploaded to clients' existing software (i.e. LMS)





OUR CUSTOMIZED TRAINING SOLUTION

ENGAGING & CERTIFIED LEARNING EXPERIENCE ALIGNED WITH YOUR BUSINESS NEEDS





PARTNER PROGRAMS

TO SUPPORT LOCAL CONTENT STRATEGIC INITIATIVES





ENERGY TRANSITION



EXPLORE & PRODUCE



TRANSFORM & VALORIZE



MANAGE & COMMIT



TRANSPORT & MOTORIZE





ENERGY TRANSITION

TRAINING SUBDOMAINS



ENERGY TRANSITION

Explore & Produce

Transform & Valorize

Manage & Commit

Transport & Motorize





Energy Transition

Reference	Training Title	Delivery				Type	Duration (day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		P	D	E	B																
To Explore & Produce / Exploration																					
INFOBAS-EN-P	Introduction to Basin Exploration	•				In-house	5	-	-												
GEOPHY-EN-P	Petroleum Geophysics	•				Public	10	Rueil-Malmaison	€ 6 365										27	▶ 8	
To Explore & Produce / Reservoir & Field Development																					
CO2-EN-P	CO2 Geological Storage Overview	•				Public	3	Rueil-Malmaison	€ 2 987					5	▶ 7						
CO2RES-EN-P	CO2 Geological Storage for Geoscientists & Reservoir Engineers	•				In-house	3	-	-												
CO2ADV-EN-P	CO2 Geological Storage Workshop	•				In-house	5	-	-												
GEOTHER-EN-P	Introduction to Geothermal Energy Uses & Operations	•				Public	3	Virtual Classroom	€ 2 987										6	▶ 8	
FDP-EN-P	Field Development Project & Uncertainties	•				In-house	5	-	-												
To Explore & Produce / Surface Facilities Engineering																					
E&I-EN-P	E&I Technology for Oil & Gas Facilities	•				Public	5	Pau	€ 3 850										16	▶ 20	
To Explore & Produce / Data Management & Data Science																					
DMFUND-EN-D	Data Management Fundamentals (DAMA)		•			Public	5	Virtual Classroom	€ 4 007										16	▶ 20	
DMOPE-EN-P	Introduction to Data Management for Operations	•				In-house	3	-	-												
DMDAEP-EN-P	Data Management & Data Science for E&P Operations Certification	•				Public	50	Virtual Classroom	€ 29 098										9	▶	22
DMEP-EN-D	Data Management for E&P Operations		•			Public	30	Virtual Classroom	€ 17 459										9	▶ 24	
DMFORMA-EN-D	E&P Data: Value & Format		•			Public	5	Virtual Classroom	€ 3 214										9	▶ 13	
DMCYBR-EN-D	Data Protection & Cybersecurity		•			Public	5	Virtual Classroom	€ 3 214										23	▶ 27	
DMARCHI-EN-D	E&P Data Architecture & Big Data		•			Public	3	Virtual Classroom	€ 2 987											6	▶ 8
DMVIRTU-EN-D	Virtualization & Data Transfer/loT		•			Public	2	Virtual Classroom	€ 2 009											9	▶ 10
GIS-EN-D	Geographic Information Systems		•			Public	5	Virtual Classroom	€ 3 214											13	▶ 17
DIGTWIN-EN-D	From Data Lakes to Digital Twins		•			Public	2	Virtual Classroom	€ 2 009											20	▶ 21

Whether in-house or public, most of our face-to-face courses can be followed remotely
Delivery mechanism:

P : Face-to-Face Trainings
D : Virtual Instructor-Led Trainings

E : E-Learning
B : Blended-Learning





Energy Transition

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		P	D	E	B																	
DATROOM-EN-D	National Data Repositories & Data Rooms		•			Public	2	Virtual Classroom	€ 2 009											23 ▶ 24		
DAEP-EN-D	Data Science for E&P Operations		•			Public	10	Virtual Classroom	€ 6 365												27 ▶ 8	
DABASIC-EN-D	Introduction to Data Science & Analytics for O&G Professionals		•			Public	1	Virtual Classroom	€ 999												27	
MLBASIC-EN-D	Machine Learning Concepts		•			Public	3	Virtual Classroom	€ 2 987												28 ▶ 30	
DAPYTH-EN-D	Python Scripting		•			Public	1	Virtual Classroom	€ 999													1
MLTXT-EN-D	Text Analysis using Machine Learning		•			Public	1	Virtual Classroom	€ 999													4
DETECOB-EN-D	Object Detection		•			Public	3	Virtual Classroom	€ 2 987													5 ▶ 7
MLEVAL-EN-D	Evaluation/Validation of Machine Learning Models		•			Public	1	Virtual Classroom	€ 999													8
DMDAPRJ-EN-P	Data Management & Data Science Final Project	•				Public	10	Rueil-Malmaison	€ 6 365													11 ▶ 22
DMQUAL-EN-D	Practical Data Quality Management - DAMA		•			In-house	5	-	-													
DBASE-EN-P	Data Base Set Up & Evaluation	•				In-house	5	-	-													
DMMNG-EN-P	Data Management Challenges for Managers	•				In-house	2	-	-													
To Explore & Produce / HSE																						
HSESI-EN-P	HSE Superintendent Certification	•				Public	58	Pau	€ 44 500									20		▶		8
EPSAFOP-EN-P	HSE in Surface Production Operations	•				Public	5	Pau	€ 3 850											9 ▶ 13		
POSCULT-EN-P	Positive HSE Culture	•				In-house	2	-	-													
EPWORK-EN-P	HSE in Maintenance & Construction Activities	•				In-house	5	-	-													
OCCSAF-EN-P	Occupational Safety	•				In-house	5	-	-													
OCCHEAL-EN-P	Occupational Health	•				In-house	3	-	-													
To Transform & Valorize / Refining, Petrochemicals & Natural Gas																						
SYNGASE-EN-P	Gas Valorization	•				In-house	3	-	-													
PFH-EN-P	Hydrogen Chain Outlook	•				Public	2	Rueil-Malmaison	€ 2 170						31 ▶ 1							

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		P	D	E	B																
To Transform & Valorize / Petroleum Products, Analysis, Transfer & Storage																					
PSTGPL-EN-P	Properties, Storage & Transfer of LPG	•				In-house	4	-	-												
To Transform & Valorize / Energy & Thermal Equipment																					
AMENER-EN-P	Process Energy Efficiency Improvement for Industrial Plants	•				In-house	3	-	-												
MENERG-EN-P	Day-to-Day Energy Optimization for Industrial Plants	•				Public	4	Rueil-Malmaison	€ 2 630					20 ▶ 23							
PANENR-EN-P	Overview & Challenges of Renewables Energies	•				In-house	3	-	-												
To Transform & Valorize / Rotating Equipment																					
OMIRM-EN-P	Operation, Maintenance & Inspection of Rotating Machinery	•				In-house	10	-	-												
To Transform & Valorize / Project Management																					
PRACOM-EN-P	Practicing Commissioning	•				In-house	4	-	-												
To Manage & Commit / Gas, Electricity & Renewable Energies																					
EGN-EN-P	Overview of Natural Gas Economics	•				Public	4	Rueil-Malmaison	€ 2 966										17 ▶ 20		
EGL-EN-P	Liquefied Natural Gas Economics	•				In-house	3	-	-												
MGN-EN-P	Gas Markets & Trading	•				Public	2	Rueil-Malmaison	€ 1 978											15 ▶ 16	
TEG-EN-P	Natural Gas & Electricity Trading	•				Public	2	Rueil-Malmaison	€ 2 256								26 ▶ 27				
GCEG-EN-P	Gas & LNG Economics Certification	•				In-house	35	-	-												
To Manage & Commit / Renewable Energies, Energy Transition & Decarbonation																					
MXE-EN-P	Overview & Challenges of the Energy Mix	•				Public	4	Rueil-Malmaison	€ 2 967										17 ▶ 20		
GTR-EN-P	Geopolitics of Strategic Metals & Rare Earths	•				In-house	2	-	-												
MPER-EN-P	Economic a Financial Modelling of Renewable Energy Projects	•				Public	3	Rueil-Malmaison	€ 2 977												13 ▶ 15
DETE-EN-P	Energy Transition: Positioning of the Key Players	•				Public	2	Virtual Classroom	€ 1 700					14 ▶ 15						21 ▶ 22	
RPER-EN-P	Successfully Developing Renewable Project	•				Public	3	Rueil-Malmaison	€ 2 627				25 ▶ 27								

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		P	D	E	B																
IEP-EN-P	Managing the Socio-Economic & Environmental Impact of Energy Projects	•				In-house	3	-	-												
ECCL-EN-P	Energy & Climate Change	•				In-house	2	-	-												
NCS-EN-P	O&G Companies Towards Carbon Neutrality: Challenges & Solutions	•				Public	5	Rueil-Malmaison	€ 3 945												4 ▶ 8
To Transport & Motorize / Engines Evolution																					
HEINT-EN-P	Introduction to Hybrid & Electric Vehicle Propulsion	•				In-house	1	-	-												
HEGMP-EN-P	Hybrid & Electric Powertrains	•				In-house	4	-	-												
HESGMP-EN-P	Hybrid & Electric Powertrain Specialist Certification	•				In-house	40	-	-												Contact-us
EMOT-EN-P	Electric Drives for Automotive Propulsion Design, Modeling & Simulation	•				In-house	5	-	-												
CEM-EN-P	Electromagnetic Compatibility of Automotive Power Electronics	•				In-house	3	-	-												
ETECHI-EN-P	Technologies of Electric Machines for Automotive Traction	•				In-house	5	-	-												
ETRON1-EN-P	Automotive Traction Power Electronics	•				In-house	5	-	-												
ECOM-EN-P	Control Design for Automotive Electric Traction Drives	•				In-house	5	-	-												
ETECH2-EN-P	Module 5: Design of Electrical Machines for Automotive Traction	•				In-house	5	-	-												
ETRON2-EN-P	Module 6: Automotive Traction Power Electronics Design	•				In-house	5	-	-												
ESGMP-EN-P	Certification as an Electrical Drive Specialist	•				In-house	35	-	-												Contact-us
MGMPHE-EN-P	Master's Degree in Hybrid & Electric Powertrains	•				In-house	70	-	-												Contact-us
To Transport & Motorize / Air Supply - Combustion & Depollution																					
COMBE-EN-P	New Combustion Systems in Spark Ignited Engines	•				In-house	3	-	-												
To Transport & Motorize / Engine Management																					
HECTRLM-EN-P	Engine Management Training	•				In-house	30	-	-												
To Transport & Motorize / Vehicle Performances																					
PRESTA-EN-P	Vehicle Fuel Consumption	•				In-house	5	-	-												

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EXPLORE & PRODUCE

TRAINING SUBDOMAINS



EXPLORE & PRODUCE

E&P Chain

Soft Skills for O&G

Exploration

Data Management & Data Science

Reservoir & Field Development

Project Management

Drilling & Completion Engineering

HSE

Production Engineering

Gas

Field Operations

Unconventional

Surface Facilities Engineering

Offshore





Explore & Produce

Chain EP



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		P	D	E	B																
E&P Chain / General Introduction to Technical Topics																					
EPMTG-EN-P	Comprehensive Overview of E&P Management Certification	•				In-house	60	-	-												
DCOUVEP-EN-P	Exploration & Production Overview	•				Public	5	Rueil-Malmaison	€ 3 810								11 ► 15			4 ► 8	
								Pau					22 ► 26								
DCOUVEP-EN-D	Exploration & Production Overview		•			Public	5	Virtual Classroom	€ 3 810			27 ► 31									
INFPG-EN-P	Introduction to Petroleum Engineering	•				Public	5	Rueil-Malmaison	€ 3 810		13 ► 17									20 ► 24	
INFPG-EN-D	Introduction to Petroleum Engineering		•			Public	5	Virtual Classroom	€ 3 810				10 ► 14								
EPMETIE-EN-P	E&P Jobs	•				In-house	2	-	-												
CHAINEP-EN-P	Fundamentals of Production	•				In-house	2	-	-												
EPETROL-EN-P	Petroleum Engineering Certification	•				In-house	100	-	-												
CCUS-EN-P	Carbon Capture, Utilization & Storage (CCUS)	•				Public	3	Pau	€ 2 670											28 ► 30	
E&P Chain / Competency Management & Training Engineering																					
CMS-EN-P	Competency Management in E&P	•				In-house	3	-	-												
TRAINEN-EN-P	Training Engineering in E&P	•				In-house	5	-	-												
ACFIELD-EN-P	Field/Site Trainers Accreditation	•				In-house	5	-	-												
ACCLASS-EN-P	Classroom Lecturers Accreditation	•				In-house	20	-	-												
ACSME-EN-P	Subject Matter Experts Accreditation	•				In-house	25	-	-												
COM-EN-P	Communication & Behavioral Management	•				In-house	2	-	-												
Exploration / General																					
INFOBAS-EN-P	Introduction to Basin Exploration	•				In-house	5	-	-												
Exploration / Methods & Tools																					
GEOPHY-EN-P	Petroleum Geophysics	•				Public	10	Rueil-Malmaison	€ 6 365											27 ► 8	
GEOCHIM-EN-P	Petroleum Systems: Hydrocarbons from Source Rock to Reservoirs	•				In-house	5	-	-												

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Explore & Produce Exploration

Reference	Training Title	Delivery				Type	Duration (day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		P	D	E	B																
STRUCT-EN-P	Structural Geology, Basin Development & Associated Traps	•				In-house	5	-	-												
LOGF-EN-P	Well Logging & Qualitative Log Interpretation	•				Public	5	Rueil-Malmaison	€ 3 214								25 ▶ 29				
SEIS3D-EN-P	3D Seismic Interpretation Workshop	•				Public	10	Rueil-Malmaison	€ 6 365										13 ▶ 24		
SEQSTRA-EN-P	Sedimentology & Sequence Stratigraphy	•				In-house	5	-	-												
TEMIS-EN-P	Basin Modeling: Thermicity, Maturation & Migration	•				In-house	5	-	-												
WSGEO-EN-P	Wellsite Geology	•				In-house	5	-	-												
Exploration / From Basin to Prospect Evaluation																					
BAM-EN-P	Basin Assessment & Modeling Certification	•				In-house	65	-	-												
PLAY-EN-P	Play Assessment & Prospect Generation	•				In-house	5	-	-												
Reservoir & Field Development / Reservoir Characterization & Modeling																					
INFORM-EN-D	Introduction to Reservoir Characterization	•				Public	5	Virtual Classroom	€ 3 214								18 ▶ 22				
PETRORE-EN-P	Integrated Petrophysics for Reservoir Characterization & Modeling Certification	•				In-house	90	-	-												
LOGADV-EN-P	Quantitative Well Log Analysis	•				In-house	5	-	-												
ROCKTYP-EN-P	Fundamentals of Facies Analysis & Rock-Typing	•				In-house	5	-	-												
GEOMOD-EN-P	Geological Modeling Workshop for Integrated Reservoir Studies	•				In-house	5	-	-												
OOIP-EN-P	Hydrocarbons Accumulations, Reserves Estimation, Risk Analysis & Uncertainties		•			In-house	5	-	-												
FRACMOD-EN-P	Naturally-Fractured Reservoirs: Static & Dynamic Modeling	•				In-house	5	-	-												
PETROD-EN-P	Petrophysical Properties: Core, Log & Test Data Integration for Reservoir Modeling	•				In-house	5	-	-												
UPSCALE-EN-P	Upscaling: from Static to Dynamic Model	•				In-house	3	-	-												
FRACA-EN-P	Fracture & Fault Modeling Workshop with FracaFlow™	•				In-house	4	-	-												
TIGHT-EN-P	Tight Reservoir Characterization & Modeling	•				In-house	10	-	-												
IRCM-EN-P	Geological Characterization & Modeling - Integrated Workshop Certification	•				In-house	10	-	-												

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Explore & Produce

Exploration - Reservoir & Field Development

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		P	D	E	B																
CONSCAL-EN-P	Core Analysis for Reservoir Characterization	•				In-house	5	-	-												
SCAL-EN-P	Special Core Analysis	•				In-house	5	-	-												
Reservoir & Field Development / Reservoir Engineering																					
INFORES-EN-D	Introduction to Reservoir Engineering		•			Public	5	Virtual Classroom	€ 3 214											20 ▶ 24	
PVT-EN-P	Reservoir Fluid Properties - PVT	•				Public	5	Rueil-Malmaison	€ 3 348										9 ▶ 13		
WTA-EN-P	Well Testing & Well Test Analysis	•				Public	5	Rueil-Malmaison	€ 3 348										23 ▶ 27		
DRIVEOR-EN-P	Drive Mechanisms - Enhanced Oil Recovery	•				Public	7	Rueil-Malmaison	€ 5 345											2 ▶ 10	
DRIVE-EN-P	Drive Mechanisms & EOR	•				Public	4	Virtual Classroom	€ 3 038				15 ▶ 18								
DSIMRES-EN-P	Dynamic Reservoir Simulation	•				Public	10	Rueil-Malmaison	€ 6 365											20 ▶ 1	
EORG-EN-P	Miscible Gas EOR Certification	•				In-house	5	-	-												
EORC-EN-P	Chemical EOR Certification	•				In-house	5	-	-												
SIMRADV-EN-P	Advanced Dynamic Reservoir Simulation	•				In-house	5	-	-												
WTAADV-EN-P	Advanced Well Test Analysis Certification	•				In-house	5	-	-												
PVTMOD-EN-P	PVT Modeling	•				In-house	5	-	-												
DCA-EN-P	Decline Curves Analysis	•				In-house	5	-	-												
PETROF-EN-P	Introduction to Petrophysics	•				In-house	5	-	-												
CO2-EN-P	CO2 Geological Storage Overview	•				Public	3	Rueil-Malmaison	€ 2 987					5 ▶ 7							
CO2RES-EN-P	CO2 Geological Storage for Geoscientists & Reservoir Engineers	•				In-house	3	-	-												
CO2ADV-EN-P	CO2 Geological Storage Workshop	•				In-house	5	-	-												
Reservoir & Field Development / Reservoir Management																					
RESENG-EN-P	Reservoir Engineering Certification	•				Public	62	Rueil-Malmaison	€ 38 555									18		▶	15
RMNGT-EN-P	Reservoir Management Workshop	•				Public	5	Rueil-Malmaison	€ 3 214											13 ▶ 17	
RMNGTF-EN-H	Reservoir Management Foundation	•				In-house	4	-	-												

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Explore & Produce

Reservoir & Field Development - Drilling & Completion Engineering

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		P	D	E	B																
GASRMGT-EN-H	Gas Reservoir Management	•				In-house	5	-	-												
RISKUN-EN-H	Reservoir Evaluation – Risks & Uncertainties	•				In-house	5	-	-												
MATFILD-EN-H	Mature Fields – Subsurface Issues	•				In-house	5	-	-												
Field Development																					
GEOTHER-EN-P	Introduction to Geothermal Energy Uses & Operations	•				Public	3	Virtual Classroom	€ 2 987											6 ▶ 8	
FDP-EN-P	Field Development Project & Uncertainties	•				In-house	5	-	-												
Drilling & Completion Engineering / General Drilling & Completion																					
INTP-EN-P	Well Operations & Completion Engineering Certification	•				In-house	40	-	-												
FOSIM-EN-P	Supervisor Training on Drilling Simulator	•				In-house	5	-	-												
INFOR-EN-P	Drilling Fundamentals	•				Public	5	Rueil-Malmaison	€ 3 810										16 ▶ 20		
		•						Pau													4 ▶ 8
INFOR-EN-D	Drilling Fundamentals		•			Public	5	Virtual Classroom	€ 3 810						3 ▶ 7						
INPF-EN-P	Well Completion & Servicing	•				Public	5	Rueil-Malmaison	€ 3 810											27 ▶ 1	
FOFP-EN-P	Drilling & Completion Engineering Certification	•				Public	98	Pau	€ 51 950	23		▶			9						
FOFPF-EN-P	Drilling Engineering	•				Public	83	Pau	€ 44 130	23 ▶ 10		6	▶		9						
FOFPC-EN-P	Completion Engineering	•				Public	58	Pau	€ 31 820	23 ▶	3			2 ▶ 9							
DWE-EN-P	DeepWater Drilling and Completion Certification	•				In-house	50	-	-												
Drilling & Completion Engineering / Drilling																					
PAWPCE-EN-P	Practical Aspects of Well Construction & Planning	•				Public	10	Rueil-Malmaison	€ 7 190											13 ▶ 24	
FTFP-EN-P	Geological Field Trip for Drillers	•				Public	5	Pau	€ 3 810	23 ▶ 27											
BACFP-EN-P	Fundamentals of Drilling & Completion	•				Public	5	Pau	€ 3 810	30 ▶ 3											
ARCHI-EN-P	Well Architecture & Equipment	•				Public	5	Pau	€ 3 810			6 ▶ 10									
OUTGARN-EN-P	Bit & Drill String & Fishing while Drilling	•				Public	5	Pau	€ 3 810			27 ▶ 31									

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Explore & Produce

Drilling & Completion Engineering

Reference	Training Title	Delivery				Type	Duration (day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		P	D	E	B																
UBD-EN-P	Underbalanced & Managed Pressure Drilling: Applications, Design & Operations	•				In-house	5	-	-												
GEOST-EN-D	Geosteering		•			Public	3	Virtual Classroom	€ 3 810										27 ▶ 29		
OFDW-EN-P	Deepwater Drilling & Development Certification	•				Public	5	Pau	€ 3 810				9 ▶ 12								
WHEAD-EN-P	Wellhead & Blowout Preventers	•				In-house	3	-	-												
STUCKP-EN-P	Stuck Pipe Prevention	•				In-house	5	-	-												
FORNTEC-EN-P	New Technologies: Completion, HPHT, MPD	•				In-house	5	-	-												
HPHT-EN-P	HPHT Drilling Design & Operations	•				In-house	5	-	-												
Drilling & Completion Engineering / Fluids																					
FLU-EN-P	Drilling Fluids	•				Public	5	Pau	€ 3 810			13 ▶ 17									
CIM1-EN-P	Cementing Practices	•				Public	5	Pau	€ 3 810			20 ▶ 24									
CIM2-EN-P	Advanced Cementing Practices	•				In-house	5	-	-												
Drilling & Completion Engineering / Completion & Well Operations																					
WHMAINT-EN-P	Wellhead Selection & Maintenance	•				In-house	5	-	-												
PPLCT-EN-P	Well Productivity & Reservoir - Wellbore Interface	•				Public	5	Pau	€ 3 810		6 ▶ 10										
WELTEST-EN-P	Well Test Operation	•				Public	4	Pau	€ 3 810			11 ▶ 14									
EQTP-EN-P	Well-Completion Equipment & Procedures for Flowing Wells	•				Public	5	Pau	€ 3 810		13 ▶ 17										
TUBMF-EN-P	Tubing Movement & Forces	•				In-house	3	-	-												
TRAIT-EN-P	Wellbore Treatments	•				Public	5	Pau	€ 3 810		20 ▶ 24										
ACID-EN-P	Matrix Acidizing	•				In-house	5	-	-												
BOP-EN-P	Rig, BOP's & Well Control Equipment	•				Public	5	Pau	€ 3 810			24 ▶ 28									
MUDLOGE-EN-P	Mud Logging & Data Acquisition Engineering Certification	•				In-house	35	-	-												
LOGFI-EN-P	Data Acquisition during Drilling Operations	•				Public	5	Pau	€ 3 810			17 ▶ 21									
HSEFOR-EN-P	HSE in Drilling Operations	•				Public	5	Pau	€ 3 810				2 ▶ 5								

Whether in-house or public, most of our face-to-face courses can be followed remotely
Delivery mechanism:

P : Face-to-Face Trainings

E : E-Learning

D : Virtual Instructor-Led Trainings

B : Blended-Learning





Explore & Produce

Drilling & Completion Engineering

Reference	Training Title	Delivery				Type	Duration (day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		P	D	E	B																
FDTDH-EN-P	Directional & Horizontal Drilling Certification	•				Public	5	Pau	€ 3 810				3 ▶ 7								
GEOM-EN-P	Geomechanics for Drillers	•				In-house	3	-	-												
FRAC-EN-P	Basic Hydraulic Fracturing	•				In-house	5	-	-												
TAWO-EN-P	Artificial Lift & Well Intervention Fundamentals	•				Public	5	Pau	€ 3 810		27 ▶ 3										
GLIFT-EN-P	Artificial Lift: Gas Lift	•				In-house	5	-	-												
APOMP-EN-P	Artificial Lift: Pumping	•				In-house	5	-	-												
CTA-EN-P	Coiled Tubing & Nitrogen Operations in Completion & Workover	•				In-house	5	-	-												
TPP-EN-P	Well Equipment & Operation for Production Engineer	•				Public	5	Rueil-Malmaison	€ 3 810										16 ▶ 20		
WSWO-EN-P	Well Servicing & Workover	•				In-house	5	-	-												
WPERF-EN-P	Well Performance	•				In-house	5	-	-												
WPERF-EN-D	Well Performance		•			In-house	5	Virtual Classroom	-												
WPERF2-EN-P	Advanced Well Performance	•				In-house	10	-	-												
WELINT-EN-P	Well Integrity	•				In-house	5	-	-												
WPINT-EN-P	Well Production Integrity	•				In-house	2	-	-												
WPINT-EN-D	Well Production Integrity		•			In-house	2	Virtual Classroom	-												
WELINTM-EN-P	Well Production Integrity Management	•				In-house	5	-	-												
WPERFE-EN-P	Well Performance Engineering Certification	•				In-house	35	-	-												
WELINTE-EN-P	Well Integrity Engineering Certification	•				In-house	35	-	-												
Drilling & Completion Engineering / Well Control																					
FPE2-EN-P	IWCF Well Control - Level 2	•				In-house	5	-	-												
FPE3&4-EN-P	IWCF Well Control - Level 3 or 4	•				Public	5	Pau	€ 2 570			6 ▶ 10		22 ▶ 26					11 ▶ 15		
CP2-EN-P	IWCF Well Intervention & Pressure Control - Level 2	•				In-house	5	-	-												
EWCL4-EN-P	Enhanced Well Control - Level 4	•				In-house	5	-	-												

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B : Blended-Learning





Explore & Produce

Drilling & Completion Engineering - Production Engineering - Field Operations



Reference	Training Title	Delivery				Type	Duration (day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		P	D	E	B																
CP3&4-EN-P	Well Intervention & Pressure Control - Level 3 or 4	•				Public	5	Pau	€ 3 690					5 ▶ 9							
STRIP-EN-P	Stripping	•				In-house	3	-	-												
Production Engineering																					
PRODENG-EN-P	Production Engineering Certification	•				In-house	60	-	-												
METER-EN-P	Metering & Allocation	•				Public	5	Pau	€ 4 110								25 ▶ 29				
OPT1-EN-P	Integrated Production Modeling - Module 1	•				In-house	5	-	-												
OPT2-EN-P	Integrated Production Modeling - Module 2 (Project)	•				In-house	5	-	-												
NETWORK-EN-P	Gathering Network: Design Engineering	•				In-house	5	-	-												
PIPENG-EN-P	Pipeline Network Engineering & Operation Certification	•				In-house	60	-	-												
MATURE-EN-P	Mature Fields - Surface Production Issues	•				In-house	5	-	-												
HEAVY-EN-P	Heavy Oil Production & Processing	•				In-house	5	-	-												
GASCYCL-EN-P	Gas Cycling: an Integrated Approach	•				In-house	5	-	-												
Field Operations / Production Operations																					
TERM-EN-P	Oil Terminals, FSO & FPSO	•				In-house	5	-	-												
OGFP-EN-P	Oil & Gas Field Processing	•				Public	5	Rueil-Malmaison	€ 3 850											20 ▶ 24	
FPSPF-EN-P	Field Processing & Surface Production Facilities	•				Public	10	Rueil-Malmaison	€ 7 290											20 ▶ 1	
TROUBLE-EN-P	Oil & Gas Field Processing Troubleshooting	•				In-house	5	-	-												
CPBOA-EN-P	Preparatory Course for Production Operator	•				In-house	25	-	-												
BOAM-EN-P	Upstream Field Operator Certification	•				In-house	185	-	-												
PANELOP-EN-P	Upstream Panel Operator Certification	•				In-house	30	-	-												
PRODSUP-EN-P	Production Supervisor Certification	•				In-house	45	-	-												
PRODSI-EN-P	Production Superintendent Certification	•				Public	58	Pau	€ 44 500								20	▶			8
FIELDIG-EN-P	Field Operations Engineer Certification	•				In-house	60	-	-												

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Explore & Produce

Field Operations - Surface Facilities Engineering

Reference	Training Title	Delivery				Type	Duration (day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		P	D	E	B																
WELLOP-EN-P	Well Operation & Testing	•				In-house	5	-	-												
GASLIFT-EN-P	Operation of Gas Lift Wells	•				In-house	3	-	-												
CHIMIC-EN-P	Chemicals used in Production Activities	•				In-house	5	-	-												
ADVCCR-EN-P	Production Facilities Control Room Operation	•				In-house	10	-	-												
LABO-EN-P	Laboratory Analyses for Oil & Gas Production	•				In-house	5	-	-												
REFREOP-EN-P	Refresher Course for Production Operator	•				In-house	15	-	-												
PUMPOP-EN-P	Pumps Operation	•				In-house	5	-	-												
COMPOP-EN-P	Compressors Operation	•				In-house	5	-	-												
Field Operations / Production Excellence & Management																					
PLANING-EN-P	Production Planning & Monitoring	•				In-house	5	-	-												
BILMAT-EN-P	Production Accounting & Material Balance	•				In-house	3	-	-												
INTEGRI-EN-P	Asset Integrity Management	•				In-house	5	-	-												
Field Operations / Maintenance																					
TURNARO-EN-P	Turnaround Management	•				In-house	5	-	-												
GENMAIN-EN-P	Fundamentals of Mechanical Maintenance	•				In-house	5	-	-												
PPMAIN-EN-P	Pump Maintenance Workshop	•				In-house	10	-	-												
COMPMAI-EN-P	Compressors Maintenance	•				In-house	5	-	-												
GESMAIN-EN-P	Maintenance Management Certification	•				Public	5	Pau	€ 3 850											13 ▶ 17	
INGMAIN-EN-P	Upstream Maintenance Engineer Certification	•				In-house	60	-	-												
MAINSUP-EN-P	Maintenance Supervisor Certification	•				In-house	35	-	-												
MAINSI-EN-P	Maintenance Superintendent Certification	•				Public	58	Pau	€ 44 500									20	▶		8
Surface Facilities Engineering / Process Engineering																					
OGPROC-EN-P	Oil & Gas Process Engineering Certification	•				In-house	60	-	-												

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Explore & Produce

Surface Facilities Engineering - Soft Skills for O&G

Reference	Training Title	Delivery				Type	Duration (day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		P	D	E	B																
OGADV-EN-P	Advanced Oil & Gas Process Engineering Certification	•				In-house	35	-	-												
ADV-EN-P	Advanced Oil & Gas Field Processing Certification	•				In-house	15	-	-												
ADV1-EN-P	Module 1: Thermodynamics Applied to Well Effluent Processing	•				Public	5	Rueil-Malmaison	€ 4 170									11 ▶ 15			
ADV2-EN-P	Module 2: Oil & Water Processing	•				Public	5	Rueil-Malmaison	€ 4 170									18 ▶ 22			
ADV3-EN-P	Module 3: Gas Processing & Conditioning	•				Public	5	Rueil-Malmaison	€ 4 170									25 ▶ 29			
SIMUL-EN-P	Oil & Gas Process Simulation	•				Public	5	Rueil-Malmaison	€ 4 170												4 ▶ 8
ACIDE-EN-P	Gas Sweetening & Sulfur Recovery	•				In-house	5	-	-												
STAND-EN-P	Technical Standards for Surface Facilities Design	•				In-house	5	-	-												
Surface Facilities Engineering / Static Equipment																					
EQDESIG-EN-P	Process Equipment Engineering	•				In-house	5	-	-												
FLARE-EN-P	Flare Network Design Engineering	•				In-house	5	-	-												
Surface Facilities Engineering / Electricity & Instrumentation																					
E&I-EN-P	E&I Technology for Oil & Gas Facilities	•				Public	5	Pau	€ 3 850										16 ▶ 20		
Surface Facilities Engineering / Maintenance & Inspection																					
CORR-EN-P	Corrosion Prevention in Oil & Gas Production	•				In-house	5	-	-												
INSPECT-EN-P	Maintenance & Inspection of Static Equipment	•				In-house	20	-	-												
NDTIW-EN-P	Non-destructive Testing for Petrochemical Industries	•				In-house	5	-	-												
INSP-EN-P	Inspector Certification	•				In-house	40	-	-												
Soft Skills for O&G																					
SOFTINI-EN-P	Oral Communication Techniques	•				In-house	2	-	-												
SOFTMID-EN-P	Soft Skills for the Middle Managers	•				In-house	5	-	-												
SOFTADV-EN-D	Soft Skills for Top Managers	•				In-house	16h	-	-												

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Explore & Produce

Data Management & Data Science

Reference	Training Title	Delivery				Type	Duration (day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		P	D	E	B																
Data Management & Data Science																					
DMFUND-EN-D	Data Management Fundamentals (DAMA)		•			Public	5	Virtual Classroom	€ 4 007										16 ▶ 20		
DMOPE-EN-P	Introduction to Data Management for Operations	•				In-house	3	-	-												
DMDAEP-EN-P	Data Management & Data Science for E&P Operations Certification	•				Public	50	Virtual Classroom	€ 29 098										9 ▶	22	
DMEP-EN-D	Data Management for E&P Operations		•			Public	30	Virtual Classroom	€ 17 459										9 ▶ 24		
DMFORMA-EN-D	E&P Data: Value & Format		•			Public	5	Virtual Classroom	€ 3 214										9 ▶ 13		
DMCYBR-EN-D	Data Protection & Cybersecurity		•			Public	5	Virtual Classroom	€ 3 214										23 ▶ 27		
DMARCHI-EN-D	E&P Data Architecture & Big Data		•			Public	3	Virtual Classroom	€ 2 987										6 ▶ 8		
DMVIRTU-EN-D	Virtualization & Data Transfer/IoT		•			Public	2	Virtual Classroom	€ 2 009										9 ▶ 10		
GIS-EN-D	Geographic Information Systems		•			Public	5	Virtual Classroom	€ 3 214										13 ▶ 17		
DIGTWIN-EN-D	From Data Lakes to Digital Twins		•			Public	2	Virtual Classroom	€ 2 009										20 ▶ 21		
DATROOM-EN-D	National Data Repositories & Data Rooms		•			Public	2	Virtual Classroom	€ 2 009										23 ▶ 24		
DAEP-EN-D	Data Science for E&P Operations		•			Public	10	Virtual Classroom	€ 6 365										27 ▶ 8		
DABASIC-EN-D	Introduction to Data Science & Analytics for O&G Professionals		•			Public	1	Virtual Classroom	€ 999										27		
MLBASIC-EN-D	Machine Learning Concepts		•			Public	3	Virtual Classroom	€ 2 987										28 ▶ 30		
DAPYTH-EN-D	Python Scripting		•			Public	1	Virtual Classroom	€ 999												1
MLTXT-EN-D	Text Analysis using Machine Learning		•			Public	1	Virtual Classroom	€ 999												4
DETECOB-EN-D	Object Detection		•			Public	3	Virtual Classroom	€ 2 987												5 ▶ 7
MLEVAL-EN-D	Evaluation/Validation of Machine Learning Models		•			Public	1	Virtual Classroom	€ 999												8
DMDAPRJ-EN-P	Data Management & Data Science Final Project	•				Public	10	Rueil-Malmaison	€ 6 365												11 ▶ 22
DMQUAL-EN-D	Practical Data Quality Management - DAMA		•			In-house	5	-	-												
DBASE-EN-P	Data Base Set Up & Evaluation	•				In-house	5	-	-												
DMMNG-EN-P	Data Management Challenges for Managers	•				In-house	2	-	-												

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Explore & Produce

Data Management & Data Science - Project Management

Reference	Training Title	Delivery				Type	Duration (day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		P	D	E	B																
CYBROGP-EN-P	Cybersecurity for O&G Professionals	•				In-house	1	-	-												
CYBRMNG-EN-P	Cybersecurity for Managers	•				Public	1	-	-												
MLRES-EN-P	Introduction to Data Analytics & Machine Learning Techniques for Geosciences & Reservoir Eng.	•				In-house	3	-	-												
DIGITEC-EN-P	Emerging Digital Technologies	•				In-house	5	-	-												
Project Management / Project Implementation																					
PROJ-EN-P	E&P Project Management Certification	•				Public	5	Rueil-Malmaison	€ 3 850											13 ▶ 17	
UPMC-EN-P	Upstream Project Management Certification	•				In-house	65	-	-												
PROJAFI-EN-P	E&P Value Chain & Front-End Development	•				Public	5	-	-												
PVM-EN-P	E&P Projects Value Management	•				In-house	5	-	-												
PRDAW-EN-P	E&P Project Risk & Decision Analysis Workshop	•				In-house	5	-	-												
EPQAQC-EN-P	E&P Project Quality & Risk Management	•				In-house	3	-	-												
OFFPM-EN-P	Offshore E&P Project Management	•				In-house	3	-	-												
PMO-EN-P	Building a Project Management Office (PMO)	•				In-house	3	-	-												
LOGP-EN-P	E&P Project Logistics Management	•				In-house	5	-	-												
Project Management / Project Control																					
PCGB-EN-P	E&P Project Control Tools	•				Public	5	Rueil-Malmaison	€ 3 850										9 ▶ 13		
CONTRA-EN-P	E&P Technical Service Contracts	•				Public	5	Rueil-Malmaison	€ 3 850										23 ▶ 27		
NEGO-EN-P	E&P Technical Contract Negotiation	•				In-house	4	-	-												
ESTIM-EN-P	E&P Project Cost Estimation & Control Certification	•				Public	5	Rueil-Malmaison	€ 3 850											20 ▶ 24	
OPEX-EN-P	E&P Project Operating Expenses Optimization	•				In-house	2	-	-												
PSPC-EN-P	E&P Project Planning & Scheduling Workshop	•				In-house	5	-	-												

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B : Blended-Learning





Explore & Produce

Project Management - HSE

Reference	Training Title	Delivery				Type	Duration (day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		P	D	E	B																
Project Management / Project Construction																					
CONST1-EN-P	Upstream Project Construction Techniques	•				In-house	5	-	-												
CONST2-EN-P	Upstream Project Construction Site Administration	•				In-house	5	-	-												
CONST3-EN-P	Upstream Project Construction HSE Management	•				In-house	5	-	-												
CONST4-EN-P	Offshore Oil & Gas Project Installation	•				In-house	5	-	-												
CONSUP-EN-P	Upstream Project Construction Works Supervision	•				In-house	5	-	-												
DISM-EN-P	Upstream Project Abandonment Operations	•				In-house	5	-	-												
CONENG-EN-P	E&P Project Construction Certification	•				In-house	60	-	-												
CONSSI-EN-P	E&P Construction Superintendent Certification	•				In-house	60	-	-												
HSE / Operational HSE																					
HSESI-EN-P	HSE Superintendent Certification	•				Public	58	Pau	€ 44 500									20	▶		8
EPSAFOP-EN-P	HSE in Surface Production Operations	•				Public	5	Pau	€ 3 850										9 ▶ 13		
POSCULT-EN-P	Positive HSE Culture	•				In-house	2	-	-												
EPWORK-EN-P	HSE in Maintenance & Construction Activities	•				In-house	5	-	-												
OCCSAF-EN-P	Occupational Safety	•				In-house	5	-	-												
OCCHEAL-EN-P	Occupational Health	•				In-house	3	-	-												
HSE / Process Safety & Safety Engineering																					
PSENG-EN-P	Process Safety Engineer Certification	•				In-house	40	-	-												
FUNDPSM-EN-P	Fundamentals of Process Safety	•				Public	5	Pau	€ 3 850										9 ▶ 13		
PSM-EN-P	Process Safety Management	•				In-house	10	-	-												

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Explore & Produce

HSE

Reference	Training Title	Delivery				Type	Duration (day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
		P	D	E	B																	
SAFENGCC-EN-P	Safety Engineering Certification	•				Public	15	Pau	€ 11 550											13	▶ 1	
SAFENG1-EN-P	Safety Engineering - Module 1	•				Public	5	Pau	€ 3 850											27	▶ 1	
SAFENG2-EN-P	Safety Engineering - Module 2	•				Public	5	Pau	€ 3 850												4	▶ 8
SAFENG3-EN-P	Safety Engineering - Module 3 (Project)	•				Public	5	Pau	€ 3 850												11	▶ 15
HSE / Sustainable Development																						
ENVSOC-EN-P	Environmental & Social Risk Management	•				In-house	5	-	-													
SOCIAL-EN-P	Social Risk Management	•				In-house	5	-	-													
ENVMGT-EN-P	Environmental Management	•				Public	5	Pau	€ 3 850											6	▶ 10	
WASTMGT-EN-P	Environmental Pollution & Waste Management	•				In-house	5	-	-													
HSE Management																						
HSEENG-EN-P	HSE Engineer Certification	•				In-house	60	-	-													
HSEMG-EN-P	HSE Management	•				Public	5	Pau	€ 3 850											13	▶ 17	
CRISIS-EN-P	Emergency Response Planning	•				In-house	3	-	-													
MEMIR-EN-P	Major Emergency Management - Initial Response Training	•				In-house	3	-	-													
HSESUP-EN-P	HSE for Support Personnel	•				In-house	60	-	-													
NRJENG-EN-P	Energy Transition Engineer Certification	•				In-house	60	-	-													
SHEINVO-EN-P	HSE Daily Involvement	•				In-house	2	-	-													
AUDSECU-EN-P	Field Safety Audit	•				In-house	2	-	-													
SAFLEAD-EN-P	Safety Leadership	•				In-house	3	-	-													
SHEMAN-EN-P	Improve your HSE Management System	•				In-house	3	-	-													
RISQTEC-EN-P	Technological Risk Awareness	•				In-house	1	-	-													

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Explore & Produce

HSE - Gas - Unconventional

Reference	Training Title	Delivery				Type	Duration (day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		P	D	E	B																
Gas / Natural Gas Chain																					
NATGAS-EN-P	Natural Gas	•				In-house	5	-	-												
NGSTOCK-EN-P	Natural Gas Storage	•				In-house	2	-	-												
NGTRANS-EN-P	Natural Gas Transport by Pipeline	•				In-house	2	-	-												
ENERGY-EN-P	From Gas to Energy	•				In-house	5	-	-												
INGGAZ-EN-P	Gas Production & Processing Engineer Certification	•				In-house	70	-	-												
GCHAIN-EN-P	Gas Processing & Compression Operations	•				In-house	5	-	-												
Gas / LNG Chain																					
LNG-EN-P	Liquefied Natural Gas (LNG)	•				Public	5	Rueil-Malmaison	€ 5 065											13 ► 17	
LNGENG-EN-P	LNG Processing Engineer Certification	•				In-house	60	-	-												
NGL-EN-P	Natural Gas Liquids Extraction	•				In-house	3	-	-												
LNGSIM-EN-B	LNG Process Simulation	•				Public	5	Rueil-Malmaison	€ 4 468									18 ► 22			
Unconventional																					
SHALEP-EN-P	Tight Sand & Shale Plays - In Unconventional Settings	•				In-house	5	-	-												
UNCON-EN-P	Hydrocarbons in Unconventional Settings	•				In-house	3	-	-												
UNCONV-EN-P	Unconventional Resources - Shale Gas Fundamentals	•				In-house	5	-	-												
UNCONVR-EN-P	Unconventional Resources - "Tight & Shale Gas: an Integrated Subsurface to Surface Approach"	•				In-house	50	-	-												
SHALE-EN-P	Unconventional Resources - Shale Gas Characterization, Modeling & Engineering	•				In-house	10	-	-												
UARCDD-EN-P	Well Architecture & Directional Drilling in Unconventional Wells	•				In-house	5	-	-												
URCS-EN-P	Unconventional Reservoirs Completion & Stimulation	•				In-house	5	-	-												
UPROD-EN-P	Well Performance: Shale Gas Wells	•				In-house	5	-	-												
UNCODCA-EN-P	Well Productivity & Decline Curve Analysis in Unconventional Reservoirs	•				In-house	5	-	-												

Whether in-house or public, most of our face-to-face courses can be followed remotely

Delivery mechanism:

P : Face-to-Face Trainings

E : E-Learning

D : Virtual Instructor-Led Trainings

B : Blended-Learning





Explore & Produce

Unconventional - Offshore

Reference	Training Title	Delivery				Type	Duration (day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		P	D	E	B																
UCSAFOP-EN-P	Unconventional Resources: Safety Issues	•				In-house	5	-	-												
UCENV-EN-P	Unconventional Resources: Environmental Management Certification	•				In-house	5	-	-												
SUBGEOL-EN-D	Subsurface Geology Certification for Operation Geologists & Well Site Geologists		•			Public	3	Virtual Classroom	€ 3120		22 ▶ 24	22 ▶ 24	26 ▶ 28	24 ▶ 26	21 ▶ 23	19 ▶ 21		20 ▶ 22	18 ▶ 20	15 ▶ 17	13 ▶ 15
MUDLOGD-EN-D	Mud Logging Certification for Data Engineers		•			Public	3	Virtual Classroom	€ 3120		22 ▶ 24		19 ▶ 21		28 ▶ 30	11 ▶ 13		27 ▶ 29		15 ▶ 17	13 ▶ 15
MUDLOGM-EN-D	Mud Logging Certification for Mud Loggers		•			Public	3	Virtual Classroom	€ 3120		22 ▶ 24		19 ▶ 21		28 ▶ 30	11 ▶ 13		27 ▶ 29		15 ▶ 17	13 ▶ 15
Offshore / Offshore Field Architecture																					
OFFSH-EN-P	Offshore Field Development - Pipelines & Flow Assurance	•				Public	5	Rueil-Malmaison	€ 3 840										16 ▶ 20		
OFFSHIG-EN-P	Offshore Field Development Engineering Certification	•				In-house	65	-	-												
Offshore / Subsea																					
HYDR-EN-P	Pipeline Hydraulics & Multiphase Flow	•				In-house	5	-	-												
OFF-EN-P	Subsea Activities	•				In-house	9	-	-												
SPS-EN-P	Subsea Production Systems (SPS)	•				Public	5	Rueil-Malmaison	€ 3 670									25 ▶ 29			
SPIPE-EN-P	Subsea Pipelines	•				Public	4	Rueil-Malmaison	€ 2 890									18 ▶ 21			
SUBINT1-EN-P	Subsea Integrity Management (I) - Inspection, Monitoring & Testing	•				In-house	5	-	-												
SUBINT2-EN-P	Subsea Integrity Management (II) - Non-Conformity Management	•				In-house	5	-	-												

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TRANSFORM & VALORIZE

TRAINING SUBDOMAINS



TRANSFORM & VALORIZE

Refining, Petrochemicals & Natural Gas

Instrumentation, Control & Electricity

Applied Chemical Engineering

Maintenance & Works Supervision

Processes

Operation in the Downstream Industry

Petroleum Products, Analysis, Transfer & Storage

HSE

Equipment, Materials, Corrosion & Inspection

Project Management

Energy & Thermal Equipment

Engineering Studies

Rotating Equipment





Transform & Valorize

Refining, Petrochemicals & Natural Gas - Applied Chemical Engineering



Reference	Training Title	Delivery				Type	Duration (day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		P	D	E	B																
Refining																					
BRP-EN-P	Refining Processes & Petroleum Products	•				Public	5	Bahrain	€ 3 350			26 ▶ 30									
PRORAF-EN-P	Understanding the Operation of Refining Processes	•				In-house	5	-	-												
UTILENV-EN-P	Utilities - Environment Management	•				In-house	5	-	-												
ITR-EN-P	Introduction to Refining Techniques	•				In-house	3	-	-												
ITREQ-EN-P	Place & Role of Equipment in Refining & Chemical Processes	•				In-house	6	-	-												
RECENT-EN-P	Recent Developments in Oil Refining Technologies	•				Public	4	Rueil-Malmaison	€ 3 130										3 ▶ 6		
ASU-EN-P	Air Separation Unit	•				In-house	3	-	-												
Petrochemicals																					
PETRO-EN-B	Production of Base Chemicals & Commodity Polymers				•	Public	4	Bahrain	€ 3 350			21 ▶ 24									
DECPOL-EN-P	Introduction to the Polymer Industry	•				In-house	1	-	-												
Gas																					
SYNGASE-EN-P	Gas Valorization	•				In-house	3	-	-												
GTLE-EN-P	Gas-To-Liquid Technologies	•				In-house	2	-	-												
PFH-EN-P	Hydrogen Chain Outlook	•				Public	2	Rueil-Malmaison	€ 2 170					31 ▶ 1							
Applied Chemical Engineering																					
GENCHIM-EN-P	Applied Chemical Engineering Certification	•				In-house	10	-	-												
PIDE-EN-P	Process Engineering - Equipment Sizing	•				In-house	5	-	-												
TBS-EN-P	Troubleshooting in the Oil & Gas Industry	•				In-house	3	-	-												
GDPETRC-EN-P	Graduate Diploma of Petroleum Studies Refining & Petrochemicals	•				In-house	-	-	-												
PETREF-EN-P	Petroleum Refining & Petrochemicals Certification	•				In-house	85	-	-												
GRC-EN-P	Chemical Reaction Engineering	•				In-house	3	-	-												

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Transform & Valorize

Applied Chemical Engineering - Processes

Reference	Training Title	Delivery				Type	Duration (day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		P	D	E	B																
GCA1-EN-E	Hydrocarbon Types & Impurities			•		In-house	-	-	-												
GCA2-EN-E	Distillation Process			•		In-house	-	-	-												
GCA3-EN-E	Introduction to Catalysts			•		In-house	-	-	-												
PRO2HYS-EN-P	Practice of PRO-II/Provision or HYSYS Simulation Software	•				In-house	2	-	-												
Processes / Separation Processes																					
DSS-EN-P	Distillation Certification - Optimization & Troubleshooting	•				Public	5	Rueil-Malmaison	€ 3 620						19 ▶ 23						
ICD-EN-P	Operation of a Binary Distillation Column - Level 1	•				In-house	4	-	-												
CCDSS-EN-P	Operation of a Binary Distillation Column - Level 2	•				In-house	5	-	-												
DSMSS-EN-P	Operation of a Multiple-Draw Distillation Column	•				In-house	5	-	-												
INCOL-EN-P	Column Internals	•				In-house	2	-	-												
Processes / Refining Processes																					
CATAL-EN-P	Catalysts in Refining Processes	•				Public	5	Lyon-Solaize	€ 3 350												13 ▶ 17
REF1-EN-P	Light Cuts Processing	•				In-house	5	-	-												
REF2-EN-P	Heavy Cuts Processing	•				In-house	5	-	-												
HDT-EN-P	Hydrotreatment Processes	•				In-house	4	-	-												
HDTS-EN-P	Operation of Hydrotreatment Processes	•				In-house	4	-	-												
DADSV-EN-P	Crude Oil & Vacuum Distillation	•				In-house	5	-	-												
REFCAT-EN-P	Catalytic Reforming for Refining & Petrochemicals	•				In-house	5	-	-												
ISOM-EN-P	Light Gasoline Isomerization	•				In-house	2	-	-												
FCC-EN-P	Fluid Catalytic Cracking Operation	•				In-house	5	-	-												
ALKY-EN-P	Alkylation (HF or H2SO4)	•				In-house	4	-	-												
HCK-EN-P	Hydrocracking	•				In-house	4	-	-												
VAPOREF-EN-P	Hydrogen Production Unit	•				In-house	2	-	-												

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Transform & Valorize

Processes - Petroleum Products, Analysis, Transfer & Storage

Reference	Training Title	Delivery				Type	Duration (day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		P	D	E	B																
PFCs-EN-P	H2S Removal & Sulfur Recovery Processes	•				In-house	3	-	-												
VISCO-EN-P	Visbreaking	•				In-house	3	-	-												
COKER-EN-P	Cokefaction	•				In-house	3	-	-												
UPGRADE-EN-P	Extra Heavy Crude Oil Upgrading	•				In-house	5	-	-												
Processes / Petrochemical & Chemical Processes																					
RCIVAPO-EN-P	Cracking & Chemical Treatments of Purification	•				In-house	5	-	-												
HYDVAPO-EN-P	Selective Hydrogenation of the Steamcracker	•				In-house	3	-	-												
DISTEXT-EN-P	Extractive Distillation	•				In-house	3	-	-												
PPLAS-EN-P	Commodity Polymers Manufacturing	•				In-house	3	-	-												
POLYK-EN-P	Polymers Fundamentals & Rheology	•				In-house	5	-	-												
POLYENG-EN-P	Polymer Reaction Engineering	•				In-house	5	-	-												
MAIPOLY-EN-P	Main Polymers PE/PP/PS	•				In-house	5	-	-												
ETHCO-EN-P	Ethylene Compression & Hypercompression	•				In-house	4	-	-												
PVCE-EN-P	From Chlorine to PVC: Production Processes	•				In-house	2	-	-												
EXTRU-EN-P	Polymers Extrusion & Pelletizing	•				In-house	3	-	-												
CRC-EN-P	Operation of a Chemical Production Unit	•				In-house	2	-	-												
FERTILE-EN-P	Chemical Fertilizer Manufacturing	•				In-house	4	-	-												
Petroleum Products & Analysis, Transfer & Storage																					
AMT-EN-P	Analytical Methods & Techniques Applied to Hydrocarbons & Derivatives	•				In-house	5	-	-												
PCTS-EN-P	Properties, Formulation, Transfer & Storage of Petroleum Products	•				In-house	8	-	-												
AUTOOFF-EN-P	Fuel Manufacturing - In Line Blending Optimization	•				In-house	3	-	-												
PSTGPL-EN-P	Properties, Storage & Transfer of LPG	•				In-house	4	-	-												
TLPIP-EN-P	Liquid Transport by Pipeline	•				In-house	4	-	-												

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Transform & Valorize

Equipment, Materials, Corrosion & Inspection - Energy & Thermal Equipment – Rotating equipment



Reference	Training Title	Delivery				Type	Duration (day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		P	D	E	B																
Equipment, Materials, Corrosion & Inspection / Materials, Corrosion																					
CORBIE-EN-P	Corrosion & Risk Based Inspection	•				In-house	5	-	-												
CICP-EN-P	Corrosion & Corrosion Prevention Certification	•				In-house	5	-	-												
ITRES-EN-P	Failure Analysis & Repairs of Piping & Vessels	•				In-house	5	-	-												
PLINS-EN-P	Risk Based Inspection (RBI)	•				In-house	5	-	-												
Energy & Thermal Equipment / Energy Efficiency & Renewable Energy																					
AMENER-EN-P	Process Energy Efficiency Improvement for Industrial Plants	•				In-house	3	-	-												
MENERG-EN-P	Day-to-Day Energy Optimization for Industrial Plants	•				Public	4	Rueil-Malmaison	€ 2 630					20 ▶ 23							
Energy & Thermal Equipment / Exchangers, Process Furnaces & Boilers																					
HEDES-EN-P	Heat Exchangers Certification	•				In-house	4	-	-												
FURNSOO-EN-P	Furnaces: Safe Operation & Optimization	•				In-house	4	-	-												
BOILER-EN-P	Boilers Safe Operation & Optimization	•				In-house	4	-	-												
COGENE-EN-P	Cogeneration - Combined Cycles	•				In-house	3	-	-												
PANENR-EN-P	Overview & Challenges of Renewables Energies	•				In-house	3	-	-												
MATHER-EN-P	Thermal Equipment	•				Public	4	Bahrein	€ 3 350					19 ▶ 22							
Rotating Equipment / Specifications, Technology & Performance																					
ROTMACH-EN-P	Rotating Equipment	•				Public	5	Pau	€ 3 130										23 ▶ 27		
OMIRM-EN-P	Operation, Maintenance & Inspection of Rotating Machinery	•				In-house	10	-	-												
CCTAV-EN-P	Gas Compression & Expansion, Compressors & Turbines	•				Public	4	Bahrein	€ 3 350						3 ▶ 6						
TAG-EN-P	Gas Turbines	•				In-house	5	-	-												
PC-EN-B	Centrifugal Pumps & Positive Displacement Pumps			•		Public	4	Rueil-Malmaison	€ 3 290					26 ▶ 29							
EXTAV-EN-P	Steam Turbines	•				In-house	5	-	-												
EECV-EN-P	Reciprocating Compressors	•				In-house	5	-	-												

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Transform & Valorize

Rotating Equipment - Instrumentation, Control & Electricity - Maintenance & Works Supervision



Reference	Training Title	Delivery				Type	Duration (day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		P	D	E	B																
ECC-EN-P	Centrifugal Compressors	•				In-house	5	-	-												
PCIE-EN-E	Basics in Fluid Flow			•		In-house	-	-	-												
PC2E-EN-E	Basics in Centrifugal Pump Technology			•		In-house	-	-	-												
ROTENG-EN-P	Rotating Engineer Certification	•				In-house	90	-	-												
INTCOHY-EN-P	Introduction to Hydrogen Compression	•				In-house	2	-	-												
KGCAR-EN-P	Centrifugal Compressors CO2/GHG Emissions Limitations	•				In-house	4	-	-												
Rotating Equipment / Troubleshooting, Maintenance & Reliability																					
RUPT-EN-P	Machinery Failure Analysis & Repair Methods	•				In-house	5	-	-												
PAVIB-EN-P	Rotating Machinery Vibration Analysis	•				In-house	4	-	-												
TECMT-EN-P	Rotating Equipment Technicians Certification	•				In-house	40	-	-												
Instrumentation, Control & Electricity																					
ICP-EN-P	Instrumentation & Process Control Certification	•				Public	5	La Mède	€ 3 250					29 ▶ 2							
SIS-EN-P	Design & Operation of a Safety Instrumented System (SIS)	•				In-house	2	-	-												
ELECBAS-EN-P	Introduction to Industrial Electricity	•				In-house	5	-	-												
ELECMAI-EN-P	Electrical Maintenance for Industrial Plants	•				In-house	5	-	-												
EIMEA-EN-P	Electrical Motors: Technology, Operation & Maintenance	•				In-house	5	-	-												
ELECTEC-EN-P	Electrical Technicians Certification	•				In-house	35	-	-												
Maintenance & Works Supervision																					
RMO-EN-P	Routine Maintenance Optimization	•				In-house	5	-	-												
OTAU-EN-P	Turnaround Organization & Optimization	•				In-house	5	-	-												
EBM-EN-P	Equipment Basic Maintenance	•				In-house	5	-	-												
INGMTN-EN-P	Maintenance Engineer Certification	•				In-house	75	-	-												
GDM-EN-P	Graduate Diploma of Petroleum Studies in Maintenance	•				In-house	-	-	-	See our website www.ifptraining.com for more information and contact Bahrain office											

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Transform & Valorize

Operation in the Downstream Industry - HSE

Reference	Training Title	Delivery				Type	Duration (day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		P	D	E	B																
Operation in the Downstream Industry / Vocational Training Courses for Operation Teams																					
FBMOCIR-EN-P	Console Operator Training	•				In-house	20	-	-												
CDQRC-EN-P	Refining & Petrochemicals Operations Shift Supervisor Certification	•				In-house	10	-	-												
FBMOC-EN-P	Downstream Panel Operator Certification	•				In-house	35	-	-												
BOAVAL-EN-P	Downstream Field Operator Certification	•				In-house	60	-	-												
FOT-EN-P	Field Operator Training Course	•				In-house	180	-	-												
FTBO-EN-P	Operator Basic Training Course	•				In-house	40	-	-												
Operation in the Downstream Industry / Selection & Training of the Production Staff																					
RECRUT-EN-P	Assistance in Operator Recruitment	•				In-house	-	-	-												
TUTBO-EN-P	Mentors Training Course	•				In-house	2	-	-												
TRAIN-EN-P	Train the Trainers	•				In-house	5	-	-												
HSE / Safety in Plant Operations																					
SECOP-EN-B	Safety in Plant Operation				•	Public	4	Rueil-Malmaison	€ 3 290										3 ▶ 6		
SECORSE-EN-B	Safety in Storage & Loading Operation				•	Public	4	-	-												
SECO1-EN-E	Occupational Health & Safety			•		In-house	-	-	-												
SECO2-EN-E	Flammability			•		In-house	-	-	-												
SECO3-EN-E	Occupational Health			•		In-house	-	-	-												
SECO4-EN-E	Fluids Behavior			•		In-house	-	-	-												
HSE / Safety in Works																					
SECTRA-EN-P	Safety in Maintenance & Construction Works	•				In-house	4	-	-												
HSE / Environment																					
TER-EN-P	Wastewater Treatment from Refinery & Petrochemical Units	•				In-house	2	-	-												

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Transform & Valorize

HSE - Project Management - Engineering Studies

Reference	Training Title	Delivery				Type	Duration (day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		P	D	E	B																
HSE / Industrial Safety Engineer																					
SECUIND-EN-P	Industrial Safety Engineer Certification	•				In-house	35	-	-												
Project Management																					
CONTRAC-EN-P	Engineering Contracts	•				In-house	3	-	-												
PRACOM-EN-P	Practicing Commissioning	•				In-house	4	-	-												
MRS PROJ-EN-P	Management of Site Projects Certification	•				In-house	5	-	-												
MANEI-EN-P	Engineering Studies during Project	•				In-house	5	-	-												
OPDEM-EN-P	Commissioning & Start-Up of Process Units	•				In-house	5	-	-												
GPP-EN-P	Management of Small Projects	•				In-house	5	-	-												
Engineering Studies																					
SCHEPRO-EN-P	Process Diagrams (PFD-PID)	•				In-house	2	-	-												
IMPLANT-EN-P	General Layout	•				In-house	3	-	-												
GENCIST-EN-P	Structures & Civil Engineering	•				In-house	5	-	-												

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MANAGE & COMMIT

TRAINING SUBDOMAINS



MANAGE & COMMIT

Upstream Economics

Gas & Electricity Economics

Oil Markets, Trading & Shipping

Renewable Energies, Energy Transition &
Decarbonation

Downstream Economics

Finance & Management





Manage & Commit

Upstream Economics - Oil Markets & Trading - Downstream Economics



Reference	Training Title	Delivery				Type	Duration (day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		P	D	E	B																
Upstream Economics																					
EAM-EN-P	Upstream Economics & Management	•				In-house	10	-	-												
OAQ-EN-P	Organization of Competitive Bidding for Oil & Gas Exploration-Production Projects	•				In-house	3	-	-												
CPA-EN-P	Production Sharing & Joint Operating Agreements	•				In-house	3	-	-												
CNEP-EN-P	Negotiation of Exploration-Production Contracts	•				In-house	4	-	-												
UNIT-EN-P	Oil & Gas Fields Unitization	•				In-house	3	-	-												
PMC-EN-P	Practice of Exploration-Production Contracts Economic Modeling	•				In-house	3	-	-												
EAR-EN-P	Economics & Risk Analysis of Upstream Projects	•				In-house	5	-	-												
EAMC-EN-P	Upstream Economics & Management Certification	•				In-house	60	-	-												
Oil Markets & Trading																					
EPE-EN-P	Overview of Petroleum Economics	•				Public	4	Rueil-Malmaison	€ 2 750											28	▶ 1
GPH-EN-P	Geopolitics of Oil & Gas	•				In-house	2	-	-												
MTP-EN-P	Oil Markets & Trading	•				Public	3	Rueil-Malmaison	€ 2 545											23	▶ 25
Downstream Economics																					
EAV-EN-P	Downstream Economics & Management	•				In-house	15	-	-												
CER-EN-P	Economic Framework of Refining	•				In-house	5	-	-												
IRP-EN-P	Refining & Petrochemicals Synergies	•				In-house	2	-	-												
CEP-EN-P	Economic Framework of Petrochemicals	•				In-house	3	-	-												
PPA-EN-P	Profitability Analysis of Downstream Investment Projects	•				In-house	3	-	-												
LOG-EN-P	Supply Chain Management	•				In-house	3	-	-												

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Manage & Commit

Gas & Electricity Economics - Renewable Energies, Energy Transition & Decarbonation

Reference	Training Title	Delivery				Type	Duration (day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		P	D	E	B																
Gas & Electricity Economics																					
EGN-EN-P	Overview of Natural Gas Economics	•				Public	4	Rueil-Malmaison	€ 2 966										17 ▶ 20		
EGL-EN-P	Liquefied Natural Gas Economics	•				In-house	3	-	-												
MGN-EN-P	Gas Markets & Trading	•				Public	2	Rueil-Malmaison	€ 1 978											15 ▶ 16	
TEG-EN-P	Natural Gas & Electricity Trading	•				Public	2	Rueil-Malmaison	€ 2 256									26 ▶ 27			
GCEG-EN-P	Gas & LNG Economics Certification	•				In-house	35	-	-												
Renewable Energies, Energy Transition & Decarbonation																					
MXE-EN-P	Overview & Challenges of the Energy Mix	•				Public	4	Rueil-Malmaison	€ 2 967										17 ▶ 20		
GTR-EN-P	Geopolitics of Strategic Metals & Rare Earths	•				In-house	2	-	-												
MPER-EN-P	Economic a Financial Modelling of Renewable Energy Projects	•				Public	3	Rueil-Malmaison	€ 2 977												13 ▶ 15
DETE-EN-P	Energy Transition: Positioning of the Key Players	•				Public	2	Virtual Classroom	€ 1 700					14 ▶ 15						21 ▶ 22	
RPER-EN-P	Successfully Developing Renewable Project	•				Public	3	Rueil-Malmaison	€ 2 627				25 ▶ 27								
IEP-EN-P	Managing the Socio-Economic & Environmental Impact of Energy Projects	•				In-house	3	-	-												
ECCL-EN-P	Energy & Climate Change	•				In-house	2	-	-												
NCS-EN-P	O&G Companies Towards Carbon Neutrality: Challenges & Solutions	•				Public	5	Rueil-Malmaison	€ 3 945												4 ▶ 8

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Manage & Commit

Finance & Management

Reference	Training Title	Delivery				Type	Duration (day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		P	D	E	B																
Finance & Management																					
SBA-EN-P	Strategic Management in International Oil & Gas Business	•				In-house	5	-	-												
FAE-EN-P	M&A in the Energy World	•				In-house	2	-	-												
AGFE-EN-P	Financial Management in the Energy Business	•				Public	3	Rueil-Malmaison	€ 2 627										17 ▶ 19		
MFP-EN-P	Financial Management of an International Oil & Gas Company	•				In-house	5	-	-												
PBA-EN-P	Upstream Budget Practice	•				In-house	5	-	-												
ACEP-EN-P	Upstream Contracts Audit	•				In-house	5	-	-												
ADVAM-EN-P	Upstream Auditing Certification	•				In-house	10	-	-												
ERP-EN-P	Investment Profitability Studies for Energy Projects	•				In-house	3	Rueil-Malmaison	€ 2 307				5 ▶ 7								
GCEP-EN-P	Governance of an E&P Company	•				In-house	5	-	-												

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TRANSPORT & MOTORIZED

TRAINING SUBDOMAINS



TRANSPORT & MOTORIZED

Engines Evolution

Powertrains Models & Simulation

Base Engine Design

Hybrid & Electric Powertrains

Air Supply - Combustion & Depollution

Lubrication

Engine Management

Vehicle Performances





Transport & Motorize

Engines Evolution - Base Engine Design

Reference	Training Title	Delivery				Type	Duration (day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		P	D	E	B																
Engine Evolution																					
INTMOT-EN-P	Introduction to Engines	•				In-house	3	-	-												
HEINT-EN-P	Introduction to Hybrid & Electric Vehicle Propulsion	•				In-house	1	-	-												
MOT1-EN-P	Module 1: Fundamentals & Testing Methodology	•				In-house	3	-	-												
MOT2-EN-P	Module 2: Spark Ignition Engines	•				In-house	3	-	-												
MOT2S-EN-P	Module 2S: Spark Ignition Engines Advanced Study & Simulations	•				In-house	5	-	-												
MDIES-EN-P	Diesel Engines	•				In-house	5	-	-												
HETMA-EN-P	Technical Evolutions of Automotive Engines	•				In-house	4	-	-												
HEGMP-EN-P	Hybrid & Electric Powertrains	•				In-house	4	Rueil-Malmaison	€ 2 230							3 ▶ 6					
HEGMPS-EN-P	Hybrid & Electric Powertrains - Modelings, Simulations, Measurements & Analysis	•				In-house	5	-	-												
H2PAC-EN-P	Fuel Cells H2	•				Public	5	Rueil-Malmaison	€ 2 720			17 ▶ 21									
TRANSM-EN-P	Automotive Drive Train	•				In-house	3	-	-												
EVOLMOT-EN-P	Engine Technical Evolution	•				In-house	2	-	-												
ICE-EN-P	Internal Combustion Engines: Theory & Practice	•				In-house	10	-	-												
H2SPOC-EN-P	SPOC Small Private Online Course - Hydrogen for Mobility	•				In-house	12 h	-	-												
PHYM-EN-P	Engine Operating Physics	•				In-house	14	-	-												
MGMPTH-EN-P	Master's degree IC Engine Training for Engineers	•				In-house	60	-	-												Contact-us
Base Engine Design																					
COMOT-EN-P	Engine Design	•				In-house	4	-	-												
FIMOT-EN-P	Engine Reliability	•				In-house	3	-	-												
REFEM-EN-P	Engine Cooling & Environment	•				In-house	3	-	-												
ACMOT-EN-P	Powertrain NVH	•				In-house	3	-	-												
COPIM-EN-P	Engine Parts Design	•				In-house	3	-	-												

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Transport & Motorize

Air Supply, Combustion & Depollution - Engine Manag^{ent} - Powertrains Models & Simulation



Reference	Training Title	Delivery				Type	Duration (day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		P	D	E	B																
Air Supply - Combustion & Depollution																					
BIOMOT-EN-P	New Fuels & their Impact on IC Engines & Turbine Operation	•				In-house	3	-	-												
COMBE-EN-P	New Combustion Systems in Spark Ignited Engines	•				In-house	3	-	-												
MOTE-EN-P	New Developments in Spark-Ignition Engines	•				In-house	5	-	-												
COMBD-EN-P	New Combustion Developments in Diesel Engines	•				In-house	3	-	-												
PTGE-EN-P	Exhaust Gas After-Treatment	•				In-house	3	-	-												
REMP-EN-P	Loading & Supercharging	•				In-house	3	-	-												
REMPS-EN-P	Advanced Loading & Supercharging Modelings, Simulations & Analyses	•				In-house	5	-	-												
MBM-EN-P	Engine Measurements & Calibrations	•				In-house	3	-	-												
MBMS-EN-P	Engine Measurements Tests Analysis & Calibrations	•				In-house	4	-	-												
Engine Management																					
ICM-EN-P	Module 4: Introduction to Engine Management	•				In-house	3	-	-												
LOICOM-EN-P	Engine Management: Control Software & Calibration	•				In-house	5	-	-												
HCME-EN-P	Gasoline Engine Management	•				In-house	3	-	-												
CMD-EN-P	Diesel Engine Management	•				In-house	3	-	-												
CMCS-EN-P	Introduction to Engine Management: Practical Approach by Modeling & Simulation	•				In-house	9	-	-												
HECTRLM-EN-P	Engine Management Training	•				In-house	30	-	-												
Powertrains Models & Simulation																					
MSGMP-EN-P	Introduction to Powertrain Modeling	•				In-house	5	-	-												

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Transport & Motorize

Hybrid & Electric Powertrains - Lubrication

Reference	Training Title	Delivery				Type	Duration (day)	Location	Tuition Fees (Excl. VAT)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		P	D	E	B																
Hybrid & Electric Powertrains																					
HESGMP-EN-P	Hybrid & Electric Powertrain Specialist Certification	•				In-house	40	-													Contact-us
CEM-EN-P	Electromagnetic Compatibility of Automotive Power Electronics	•				In-house	3	-	-												
ETECHI-EN-P	Technologies of Electric Machines for Automotive Traction	•				In-house	5	-	-												
ETRONI-EN-P	Automotive Traction Power Electronics	•				In-house	5	-	-												
ECOM-EN-P	Control Design for Automotive Electric Traction Drives	•				In-house	5	-	-												
ETECH2-EN-P	Module 5: Design of Electrical Machines for Automotive Traction	•				In-house	5	-	-												
ETRON2-EN-P	Module 6: Automotive Traction Power Electronics Design	•				In-house	5	-	-												
ESGMP-EN-P	Certification as an Electrical Drive Specialist	•				In-house	35	-													Contact-us
MGMPHE-EN-P	Master's Degree in Hybrid & Electric Powertrains	•				In-house	70	-													Contact-us
EMOT-EN-P	Electric Drives for Automotive Propulsion Design, Modeling & Simulation	•				In-house	5	-	-												
Lubrication / Chemical Physics of Lubricants & Lubrication Theory																					
INTLUB-EN-P	Introduction to Lubrication	•				In-house	3	-	-												
LUBLUB-EN-P	Lubrication & Lubricants	•				In-house	5	-	-												
Lubrication / Automotive & Industrial Engines Lubrication																					
LUBMA-EN-P	Car Engines Lubrication	•				In-house	3	-	-												
LUBMI-EN-P	Industrial Engines Lubrication & Technology	•				In-house	5	-	-												
LUBTA-EN-P	Lubrication & Technology of Automotive Transmissions	•				In-house	3	-	-												
LUBGR-EN-P	Lubricating Greases Automotive & Industrial Applications	•				In-house	3	-	-												
INILA-EN-P	Introduction to Automotive Lubricants	•				In-house	3	-	-												

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Transport & Motorize

Lubrication - Vehicle Performances

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		P	D	E	B																
Powertrains Models & Simulation																					
MSGMP-EN-P	Introduction to Powertrain Modeling	•				In-house	5	-	-												
LUBTMX-EN-P	Lubrication of Metal Working Operations & Machine Tools	•				In-house	3	-	-												
INILAI-EN-P	Introductory Course to Automotive & Industrial Lubricants	•				In-house	5	-	-												
LUBADV-EN-P	Lubricants	•				In-house	10	-	-												
Vehicle Performances																					
PRESTA-EN-P	Vehicle Fuel Consumption	•				In-house	5	-	-												
PRESTAP-EN-P	Vehicle Performances	•				In-house	3	-	-												
PRESTAE-EN-P	Vehicle Emissions	•				In-house	3	-	-												
PRESTAA-EN-P	Drivability	•				In-house	3	-	-												

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