



FRANCISCO PALENZUELA

Online Instructor | Civil Engineer | ISO 27001 Lead Auditor | AI, Quality, HSE & Technology Education

Languages: Spanish (Native), English (Full Professional), French (Elementary), Italian (Limited Working), Chinese (Elementary)

EXECUTIVE PROFILE

Multidisciplinary educator and engineer with more than 20 years of international experience across Spain, Gibraltar / UK, Chile and industrial environments linked to Europe. Combines teaching, audits, quality, occupational risk prevention, project coordination and digital transformation with a strong current focus on artificial intelligence, educational technology and online professional training.

His professional value in online training lies in a rare combination: operational credibility from real-world projects and pedagogical clarity for structured, applicable learning.

VALUE FOR ONLINE TRAINING

- Designs and delivers training with a clear practical orientation and strong transfer to professional contexts.
- Able to teach both technical and non-technical audiences, adapting depth, examples and language to the learner profile.
- Brings first-hand experience from construction, shipyards, ports, industry, audits, compliance and educational environments.
- Especially suitable for online courses in AI, technology, management systems, HSE, quality and applied digital transformation.

ONLINE DELIVERY STRENGTHS

- Competency-based course design
- Clear content sequencing and instructional structure
- Case-based learning and real operational examples
- Practical exercises and applied reflection
- Professional communication and learner guidance

CORE TRAINING AREAS

- Artificial intelligence for educators and professionals
- Technology, robotics and computing
- ISO 27001, ISO 9001 and management systems
- Quality assurance, audits and compliance
- Occupational health & safety and risk prevention
- Digital transformation and process improvement

TEACHING & TRAINING EXPERIENCE

Junta de Andalucía – Teacher – Technology, Robotics & Computing

2020 - Present | Andalusia, Spain

- Designs and delivers learning experiences in Technology, Robotics, Computing and digital competence.
- Creates didactic materials, practical activities and assessment frameworks with a competency-based orientation.
- Integrates emerging technologies, including artificial intelligence, into teaching practice and learning design.

Adecco – Trainer – Occupational Risk Prevention Courses

2019 - 2020 | Spain

- Delivered occupational risk prevention training for two companies across four training actions.
- Focused on practical risk awareness, safe work routines and compliance in professional settings.

INTERNATIONAL & PROFESSIONAL EXPERIENCE

HSE Consulting Ltd. – CDM Advisor – Main Contractor

2014 - 2019 | Gibraltar / UK

- Worked on high-value projects under British standards, including HM Government of Gibraltar, airport frontier access tunnel, Midtown developments and Ministry of Defence sites.
- Strong practical foundation for training in HSE, project coordination, compliance and construction safety.

Cernaival Group Shipyards – Director of Prevention of Risks

2019 - 2020 | San Roque, Spain

- Led occupational risk prevention in a demanding shipyard environment, coordinating safety and operational control.

Kalmar – Occupational Risk Prevention Technician

2020 | Algeciras, Spain

- Coordinated prevention activities for Kalmar Global in Algeciras, adding multinational industrial perspective to safety training.

EPLAZ Ingeniería y Construcción – Project Analyst / Contract Administrator

2013 - 2014 | Northern Chile, South America

- Worked in Maria Elena, Calama and Antofagasta on industrial, mining and transmission projects, contributing strong South American field experience.

Ecolaire – QA/QC Industrial Works

2010 - 2013 | Algeciras, Spain

- Quality control and assurance in industrial works for Vopak Terminal Algeciras: inspections, NCRs, PPI review, procedures and subcontractor audits. Project language: English.

Bureau Veritas Español S.A. – Civil Engineer / Project Reviewer / Safety Coordinator / Office Manager

2000 - 2006 | Algeciras, Spain

- Progressed from inspection to office leadership, combining technical supervision, project review, safety coordination, client relations and business development.

Other relevant roles: BCC Constructora Metropolitana – Manager (2006–2008); Autoridad Portuaria Bahía de Algeciras – Technical Assistance Engineer (2008–2010); E+M Consulting Engineers Ltd. – Senior Design Engineer (Gibraltar, 2014); Freelance Senior Consultant (Spain, 2013–2014).

EDUCATION

Universitat de Barcelona – Master Supply Chain Management & Logistics (2015)

Universidad de Cádiz – Civil Engineering / M. Civil Engineering (2000 - 2012)

Universidad Antonio de Nebrija – Didactic Unit Planning, 12 ECTS (2022)

Universidad de Cádiz – Secondary Education Expert (2009)

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

- Certified ISO 27001 Lead Auditor
- AI Fluency for Educators – Anthropic
- AI Fluency: Framework and Foundations – Anthropic
- Domina IA con Gemini – Google
- Introduction to Generative Artificial Intelligence focused on Education – Junta de Andalucía – 2025
- Auditor Interno ISO 9001 – Bureau Veritas
- Environmental Audit – CEA – 2012
- Management System Audits OHSAS 18001 – CEA – 2012
- OHSAS 18001 Auditor – CEA – 2012

SELECTED ONLINE TRAINING TOPICS

- Artificial intelligence for educators, professionals and business teams
- Technology, robotics and computing foundations
- ISO 27001 awareness and audit preparation
- ISO 9001 and practical management systems thinking
- Occupational risk prevention and HSE awareness
- Quality assurance, compliance and operational excellence