

Course guide

205227 - IFE - Introduction to Forensic Expert for Technique Dispute Resolution

Last modified: 11/04/2025

Unit in charge: Terrassa School of Industrial, Aerospace and Audiovisual Engineering
Teaching unit: 758 - EPC - Department of Project and Construction Engineering.

Degree: BACHELOR'S DEGREE IN AUDIOVISUAL SYSTEMS ENGINEERING (Syllabus 2009). (Optional subject).
BACHELOR'S DEGREE IN CHEMICAL ENGINEERING (Syllabus 2009). (Optional subject).
BACHELOR'S DEGREE IN ELECTRICAL ENGINEERING (Syllabus 2009). (Optional subject).
BACHELOR'S DEGREE IN INDUSTRIAL ELECTRONICS AND AUTOMATIC CONTROL ENGINEERING (Syllabus 2009). (Optional subject).
BACHELOR'S DEGREE IN MECHANICAL ENGINEERING (Syllabus 2009). (Optional subject).
BACHELOR'S DEGREE IN TEXTILE TECHNOLOGY AND DESIGN ENGINEERING (Syllabus 2009). (Optional subject).
BACHELOR'S DEGREE IN AEROSPACE TECHNOLOGY ENGINEERING (Syllabus 2010). (Optional subject).
BACHELOR'S DEGREE IN AEROSPACE VEHICLE ENGINEERING (Syllabus 2010). (Optional subject).
BACHELOR'S DEGREE IN INDUSTRIAL DESIGN AND PRODUCT DEVELOPMENT ENGINEERING (Syllabus 2010). (Optional subject).
BACHELOR'S DEGREE IN INDUSTRIAL TECHNOLOGY ENGINEERING (Syllabus 2010). (Optional subject).

Academic year: 2025 **ECTS Credits:** 3.0 **Languages:** English

LECTURER

Coordinating lecturer: XAVIER ROCA RAMON
Others: Palacin Fornons, German

TEACHING METHODOLOGY

Theory and case study resolutions

LEARNING OBJECTIVES OF THE SUBJECT

INTRODUCTION TO FORENSIC EXPERT FOR TECHNIQUE DISPUTE RESOLUTION

STUDY LOAD

Type	Hours	Percentage
Self study	45,0	60.00
Hours large group	30,0	40.00

Total learning time: 75 h



CONTENTS

Introduction to Forensic Expert for Dispute Technique Resolution.

Description:

Course content

PART 1: The Spanish Judicial Organization

- 1.1 Jurisdictional orders
- 1.2 Processes: types and phases

PART 2: Legal scope of the expert's activity

- 2.1 Approach to the expert activity
- 2.2 Definition of expert evidence
- 2.3 Types of experts
- 2.4 Time and form of delivery of the expert report
- 2.5 Judicial designation of the expert in civil procedures
- 2.6 Acceptation and appointment of the expert
- 2.7 Expert's responsibility

PART 3: Expert practice in arbitrations

- 3.1 Definition and types of arbitrations
- 3.2 The expert's evidence in arbitrations
- 3.3 Investment arbitrations
- 3.4 Arbitrations in the International Court of Arbitration (ICC)

PART 4: Expert practice: case studies

- 4.1. Form and contents of the expert opinion
- 4.2. Types of Technical Contracts for construction:
International contracts: EPC Contract, EPCM, Turnkey, Lump Sum, FIDIC contracts, etc.
- 4.3. Practical cases: writing of Expert Reports on different areas
- 4.4. Expert Simulation - Audiovisual projection of a real expert practice.

Full-or-part-time: 75h

Theory classes: 30h

Self study : 45h

GRADING SYSTEM

Theoretical exam (test) = 40%

Case study resolution = 60%