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

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: 2023  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

<table>
<thead>
<tr>
<th>Type</th>
<th>Hours</th>
<th>Percentage</th>
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</thead>
<tbody>
<tr>
<td>Self study</td>
<td>45,0</td>
<td>60.00</td>
</tr>
<tr>
<td>Hours large group</td>
<td>30,0</td>
<td>40.00</td>
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</tbody>
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Total learning time: 75 h
## CONTENTS

### Introduction to Forensic Expert for Dispute Tecnique 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

**Full-or-part-time:** 75h
Theory classes: 30h
Self study : 45h

## GRADING SYSTEM

Theoretical exam (test) = 40%
Case study resolution = 60%