205227 - Introduction to Forensic Expert for Technique Dispute Resolution

Coordinating unit: 205 - ESEIAAT - Terrassa School of Industrial, Aerospace and Audiovisual Engineering
Teaching unit: 758 - EPC - Department of Project and Construction Engineering
Academic year: 2019
Degree: BACHELOR'S DEGREE IN INDUSTRIAL ELECTRONICS AND AUTOMATIC CONTROL ENGINEERING (Syllabus 2009). (Teaching unit Optional)
BACHELOR'S DEGREE IN ELECTRICAL ENGINEERING (Syllabus 2009). (Teaching unit Optional)
BACHELOR'S DEGREE IN CHEMICAL ENGINEERING (Syllabus 2009). (Teaching unit Optional)
BACHELOR'S DEGREE IN AUDIOVISUAL SYSTEMS ENGINEERING (Syllabus 2009). (Teaching unit Optional)
BACHELOR'S DEGREE IN TEXTILE TECHNOLOGY AND DESIGN ENGINEERING (Syllabus 2009). (Teaching unit Optional)
BACHELOR'S DEGREE IN INDUSTRIAL DESIGN AND PRODUCT DEVELOPMENT ENGINEERING (Syllabus 2010). (Teaching unit Optional)
BACHELOR'S DEGREE IN INDUSTRIAL TECHNOLOGY ENGINEERING (Syllabus 2010). (Teaching unit Optional)
BACHELOR'S DEGREE IN AEROSPACE TECHNOLOGY ENGINEERING (Syllabus 2010). (Teaching unit Optional)
BACHELOR'S DEGREE IN AEROSPACE VEHICLE ENGINEERING (Syllabus 2010). (Teaching unit Optional)
BACHELOR'S DEGREE IN MECHANICAL ENGINEERING (Syllabus 2009). (Teaching unit Optional)
ECTS credits: 3
Teaching languages: English

Teaching staff
Coordinator: XAVIER ROCA RAMON
Others: Palacin Fornons, German

Opening hours
Timetable: Tuesday from 15:00 to 17:30. Friday from 16:00 a 18:30

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>Total learning time: 75h</th>
<th>Hours large group: 30h</th>
<th>40.00%</th>
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<tbody>
<tr>
<td></td>
<td>Hours medium group: 0h</td>
<td>0.00%</td>
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<tr>
<td></td>
<td>Hours small group: 0h</td>
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<td></td>
<td>Guided activities: 0h</td>
<td>0.00%</td>
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<tr>
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<td>Self study: 45h</td>
<td>60.00%</td>
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Content

Introduction to Forensic Expert for Dispute Technique Resolution.

Learning time: 75h

Theory classes: 30h
Self study: 45h

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
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**Qualification system**

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

**Bibliography**