Provide a comprehensive understanding of civil aviation safety objectives, laws and technical regulations, with a focus on the European organization and processes for airworthiness and operations.

**Prerequisites**
- Aircraft architecture and basic aeronautics knowledge
  * not compulsory

**Learning objectives**
After completing this course, participants will be able to:
- Describe the international safety objectives;
- Describe the applicable European regulatory bodies for initial and continued airworthiness, operations using proper terminology;
- Understand the scope and significance of airworthiness documents.

**Key elements**
- **Dates:** 23 - 25 November 2021 (exam: 16 December 2021*)
- **Duration:** 13 hours
- **For whom:** recent graduates, jobseekers and experienced employees
- **Location:** ISAE-SUPAERO, Toulouse
- **Course fees:** 1 600 €
- **Language:** English

**Highlights**
- Certification process
- EASA regulation
- Aviation safety

**Practical information and registration**
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Course content

Aviation safety objectives:
- Definitions
- Acceptable level
- Results
- Safety programs

International conventions:
- ICAO organization
- Chicago conventions principles
- Standards
- Definitions

European regulations:
- EASA organization and responsibilities
- EASA regulations and approvals

Airworthiness regulation:
- ICAO principles
- European type certification process
- Airworthiness documents
- Approval of changes
- Continued airworthiness

Operations regulation:
- ICAO principles
- EASA Air operations regulation
- Air operator
- Operations manual

Teaching methods

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<thead>
<tr>
<th>Teaching methods</th>
<th>Yes</th>
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<tbody>
<tr>
<td>Lectures / tutorial</td>
<td>X</td>
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<tr>
<td>Collaborative learning</td>
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<td>Flipped classroom</td>
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<td>Blended learning (online and face to face)</td>
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<td>Learning by doing</td>
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<td>Project-based</td>
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<td>Simulation</td>
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Assessment

Written exam