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: 30 Nov. – 1 Dec. 2020
(exam: 17 December 2020*)
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>Simulation</td>
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Assessment

Written exam