The objective of this course is to provide engineers with a high-level multi-disciplinary approach to understand how to analyze humans at work. All courses and practical works are taught with a view to apply the acquired knowledge to the aeronautical and transportation domains.

**Prerequisites**
- Master level

**Highlights**
- Cognitive ergonomics & activity analysis
- Seminars with industrialists & ergonomists

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**Learning objectives**
After completing this course, participants will be able to:
- Understand key principles of Human Factors and Social Psychology
- Be able to analyze a work activity with Cognitive Ergonomics tools
- Be able to interact with experts of the Human Factors and Social Psychology domains to improve flight safety.

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**Key elements**

**Dates:**
9 - 12 December 2019

**Duration:**
25 hours

**For whom:**
Recent graduates, jobseekers and experienced employees

**Location:**
ISAE-SUPAERO, Toulouse

**Course fees:** $2,300

**Language:** English

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**Practical information and registration**
Natalia Perthuis - 05 61 33 80 47 – info.exed@isae-supaeo.fr
Course Content

- Cognitive and Physical Ergonomics
- Activity Analysis
- Social Psychology: Crew Resource Management and Reasoning Biases
- Application Focuses: Cockpit Design, Airbus, Dassault Aviation and ALTEN Human Factors perspective.