

WORKSHOP





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GCSP value

- Awareness and stimuli to create a better world in the future
- Exercising new competences through challenge based learning

innovation VERTICALS



- electrification
- autonomy
- platform based services
- urban mobility
- Al & data science
- cybersecurity
- passenger experience
- aircraft efficiency
- advanced manufacturing

urban MOBILITY



PEE

Program Engineering Specialization

WE DEVELOP GREAT HUMANS

Professional Master's in aeronautical engineering, taught on company premises.

More than **1,300** engineers trained since **2001**.

PEE engineering specialization program

Phase 1 - Fundamentals

- Complexity (Context)
- ITA classes (Theory)
- Embraer (Application)

Phase 3 - Integration

- Lifecycle design: personas, value proposition, concept, pre design, business
- Teamwork (multidisciplinary teams)

Phase 2 - Specialization

- Tracks
- Social & Technical Integration
- Thesis selection

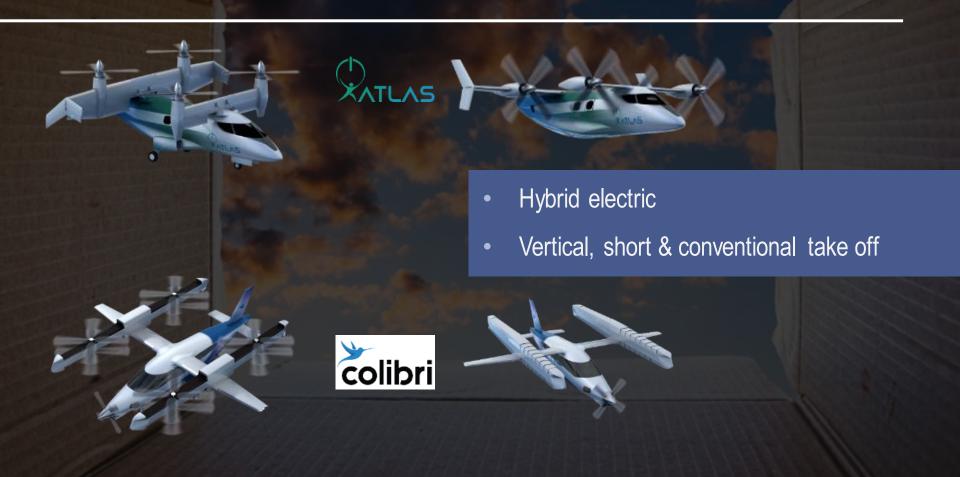
Phase 4 – Master's Thesis

- Theme
- Industrial & Academic supervisors
- M.Sc. Diploma





class 25







SOFT SKILLS

theoretical basis – creativity – adaptability – business view – entrepreneurship – curiosity - experimentation – communication – empathy – ethics – boldness

TECHNOLOGICAL SPECIALIZATION

theoretical basis – creativity – adaptability – business view – entrepreneurship – curiosity – experimentation – communication – empathy – ethics – boldness

challenge based learning STIMULATED by environment

fast prototyping, radical collaboration & co-creation, making connections among unusual subjects, discovery skills based on business awareness, multidisciplinar & multicultural teams, making decisions with uncertainty, high impact results



- Balanced cooperation (win-win)
- Joined-up case studies that aim short term implementation
- Joint roadmap that cross Academia with Industry goals and limitations
- Student internship with mentors both from Academia and Industry



Grand Challenges Scholar Program

THANK YOU



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EMBRAER

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