DRAGON LAB
Design for Re-establishing Airports' Gradual Normalcy
Leadership by Design

Apollo 4 (1967)

Space Shuttle (2002

Crew Dragon (2020)

WHEN
Fall term AY 2010-2021
Sept - Dec 2020
Distance learning Format

WHERE
Firenze, IT

TRACK
Master's Degree in Architecture
(B117)
Corso di Laurea in Architettura (B117)

PRICE
Free for UNIFI Students

ECTS/*CFU*
European Credit Transfer System
Credits (ECTS): *8+4*
Crediti Formativi Universitari (CFU): 8+4

This program introduces students to effective design leadership in Airport Architecture, demonstrating how it positively affects every facet of a terminal design encouraging and guiding innovation, collaboration, execution, and delivery. Drawing on the resources of TxP_R within the Architecture curriculum and its Dragon Lab (Laboratorio di Progettazione Ambientale), the course combines intuitive methods taught in the world's best design schools with the systematic, analytical methods for which TxP_R is world renowned. You will learn how to enable an action based organizational culture in which collaboration is generated, lean and error skip is encouraged, and failure is analysed as a source of learning-resulting in successful innovation. Students also will learn both strategic and hands-on techniques for structured exploitation through modeling. By applying a design-centered approach to interdisciplinary team leadership, you will be able to conceive of radically innovative design options to multi-faced problems risen by the pandemic impact to airports and create solutions that passengers appreciate in their travel experience.

Please visit our web site for updated information.
http://txpresearch.wordpress.com

TXP
RESEARCH

FACULTY

Prof. PhD Arch. M.A. Esposito
Full Professor

EXPERTS*

PhD Arch. L. Pierangioli
BEM Engineer

PhD Arch. F. Bosi
Airport Design, Teaching & Research Assistant

The course is a fantastic occasion to deal with a topic that is so innovative for our university career!

RATING
*****

- Jessica, Agnese, Giuseppina

TAKEAWAYS

Students and teams attending will:
- Explore and practice the skill of collaboration in lean processing;
- Learn how to define passenger needs;
- Acquire tools for creating nicer post covid-19 passenger experience in travel;
- Learn a shared process for airport architectural solutions;
- Engage in both a hands-on and analytical approach to problem solving through robust design process;
- Learn practical, hands-on strategies for concept generation and model generation to the use;
- Learn how to work across disciplines using an integrated approach to break down any separation;
- Acquire new skills for communicating among and across the project participants;
- Gain a deeper understanding and credibility among people working in different areas such as engineering, commercial and finance.

WHO SHOULD ATTEND

Students by B117 Architecture Program should meet the following requirements:
- 3rd year B015335 class (course A and C) passed with good or excellent results
- Good or excellent English speaking/writing/comprehension
- Basic BIM Virtual Design and Construction software (e.g. Revit, Archicad, etc.) proficiency

CONTACT INFORMATION

Please contact txp.revonline@gmail.com

Please visit our web site for updated information.
http://txpresearch.wordpress.com

TXP
RESEARCH

* Please note expert and teaching assistant staff may subject to changes.