



The Role of Higher Education in the Changing World of Work

Considerations at the opening of the Course "Aircraft Flight Operations"

Academic Year 2023/24



Are graduated adequately prepared for changing world?

Employers expect the graduate and new hiree

- to be able to **add value** immediately
- to have the refined and agile **communication skills** needed to work successfully in an (complex) organizational context with a wide range of stakeholders.
- to understand the dynamics of **complex and higher-order reasoning** to build a solid, wideranging, and adaptive understanding of the organizational structures and apply that knowledge with analytical skills
- to **use technology easily and comprehensively** in all aspects of work and to participate in a knowledge/data/information-based economy
- to know how to work in diverse **project teams**
- to foster **innovation**, develop viable solutions to **challenges**, and recognize and respond to emerging **opportunities**
- to have **command of the discipline** in which he/she earned a degree
- to know how to think at an advanced level about challenges and opportunities from a variety of perspectives, questioning traditional organizational and industry assumptions and introducing and exploring new possibilities as both industries and markets change (**having the vision**)
- to foster **excellence** in others and be a part of **talent development**

Dianne F. Harrison - President of California State University, Northridge (CSUN).



Better Solutions by a solid Situational awareness

- **the academic studies should be reviewed in the light of the socio-economic logic**
- **notional and theoretical culture**, which has characterized the school of "elite" "Made in Italy" and which has produced widespread opinions of esteem, especially among academic circles, **must be complemented with the "culture of work"**
- **fill the gap between the education system and the production realities: traditional professional profiles, as the pilot or the maintenance specialist, should be adapted to the new market needs and updated to meet current requirements European regulations**
- **Curricula should be redesigned to be more usable by the Companies who should not be obliged to carry out *ab initio* training on their own for new hires**
- **centrality of man (*Human-centered approach*)**
- **the challenges for the future are not only in the technology but also in the new capability to manage this new technology**



Objectives of the course

- To provide a glance of the complex **FLIGHT OPERATIONS** system (or **OPS** in AVIATION system)
- training interventions aimed at getting familiar with **complex systems and** development of **team working skills**
- to provide aspiring aviation leaders with the basic **elements of management** of the aviation industry
- Capability to **identify the key factors** (to improve Situational Awareness or, better, to get a holistic vision of the Civil Aviation) and **learn cross-cultural competency** in multifaceted environments.
- ... expectations?