



MASTER'S TEACHING REGULATIONS

Art. 1 – General information

1	Name	Aviation Industry Management and Operations
2	English name	Aviation Industry Management and Operations
3	Level	Second
4	Department	Mechanical and Aerospace Engineering
5	Faculty	Civil and Industrial Engineering
6	Master course code	32667
7	Subject area	Scientific-technological
8	Type	Academic
9	Institutional partner facilities, if any	None
10	Location of educational activities	Rome
11	Duration	One year
12	ECTS	60

Art. 2 – Course information

13	Course objectives	- To provide aspiring aviation leaders in the aviation industry with skills and abilities: (i) to use technology easily and comprehensively in all aspects of work and to participate in a data-driven economy, (ii) to understand the dynamics of complex and higher-order reasoning, building a solid, wide ranging, and adaptive understanding of the organizational structures and apply that knowledge with analytical skills, (iii) to develop a critical awareness of interdependencies and systematic issues from a variety of perspectives, questioning traditional organizational and industry assumptions in light of strategic decision-making, (iv) to be able to adapt to evolving market needs, meeting technical requirements, regulations, social and societal
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		constraints, and (v) to foster innovation, develop viable solutions to challenges, and recognize and respond to emerging risks, challenges, and opportunities. - To provide a systemic understanding of all aspects of the aviation industry, including economics, operations, risk, marketing and financial strategies, human resource management and performance. - To provide a significant advantage in terms of advanced knowledge-based methodologies and approaches for specific activities and figures in the sector-
14	Expected learning outcomes	By the end of the programme participants will acquire: - high level knowledge that gives them both professional recognition in aviation industry and awareness of the importance of fostering innovation - lifelong skills to analyse and evaluate complex systems of the aviation industry from an operational, tactical, and strategic point of view - autonomy to apply theories, principles, and methodologies in the aviation business environment, and to recognize and respond appropriately to emerging threats and opportunities.
15	Minimum number of participants	10
16	Maximum number of participants	20
17	Eligible auditors	Yes
18	Individual modules	Modulo IV: Analytics and Business Intelligence (ABI) Module V: Certification and Airworthiness (CAW) Module VI: Risk and Safety Management (RSM) Module VII: Aviation Operations Management (AOM)
19	Mandatory Attendance	75%
20	Language	English

Art. 3 – Master's programme funding

21	Enrolment fee	€ 11,000 Scholarships covering the whole tuition fee or a part of it will be made available by industrial partners.
22	Payment breakdown	Two instalments of the same amount.