



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
----	--------------------------	---



		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	Scientific areas	ING-IND/03 ING-IND/04 ING-IND/06 ING-IND/07 ING-IND/08 ING-IND/13 ING-IND/17 ING-IND/35
16	Minimum number of participants	10
17	Maximum number of participants	20
18	Eligible auditors	Yes
19	Individual modules	Module V: Certification and Airworthiness (CAW) Module VI: Risk and Safety Management (RSM) Module VII: Aviation Operations Management (AOM)
20	Mandatory Attendance	75%
21	Language	English

Art. 3 – Master's programme funding

22	Enrolment fee	€ 11,000 Scholarships covering the whole tuition fee or a part of it will be made available by industrial partners.
----	----------------------	--



23	Payment breakdown	Two installments of the same amount.
-----------	--------------------------	--------------------------------------

Art. 4 – Planned organizational information

24	Logistic resources	<ul style="list-style-type: none">- The Master's Course will be held mainly in a dedicated classroom in the Rome campus of the Faculty of Civil and Industrial Engineering (ICI).- The Computer Laboratory, also located in the Faculty's premises, may also be used, subject to prior booking.- For any individual study activities that students wish to carry out at the ICI Faculty, the libraries and reading rooms of the aforementioned premises are available.- Other activities of an operational nature may be carried out at companies and bodies involved in the Master's course, subject to the approval of the Teaching-scientific board.
25	Classroom tutor resources	n.a.
26	Technical-administrative staff resources	1
27	Sapienza tenured teaching resources	7
28	Contracted teaching resources	n.a.