Executive Education short programs 2023 / 2024

Theme	Program	Code	Type	Estimated duration (hours)	Period (start and end of training)	Prices 2023/2024 (VAT not applicable)
AERONAUTICS	**HUMAN FACTORS**					
	Human factors and neuroergonomics for aeronautics & transportation	HF1	Certificate of Advanced Studies (CAS)	100	Late November to March	€ 6,500
	Understanding human behavior	HF400	Short course	25	Late November to early December	€ 2,300
	Humans at work	HF410	Short course	25	Early January	€ 2,300
	Experimentation and measures	HF420	Short course	25	Early February	€ 2,300
	Advanced techniques	HF430	Short course	25	Late March	€ 2,300
	HELICOPTER, AIRCRAFT AND DRONE ARCHITECTURE					
	UAV Systems	HAD1	Certificate of Advanced Studies (CAS)	85	Mid-January to early February	€ 5,000
	Helicopter Engineering 1	HE1	Certificate of Advanced Studies (CAS)	90	Late February to March	€ 6,500
	Helicopter Engineering 2	HE2	Certificate of Advanced Studies (CAS)	55	Late March to early April	€ 4,000
	Drones systems: design and mission	HAD500	Short course	25	January	€ 2,300
	Payload and sensors for UAVs	HAD501	Short course	25	Early February	€ 2,000
	Drone safety and airworthiness	HAD502	Short course	15	Late January	€ 1,800
	Drone guidance and navigation	HAD503	Short course	20	Late January to early February	€ 2,000
	VTOL Drones	HAD506	Short course	30	April	€ 2,300
	Understanding helicopters	THE1	Short course	30	Late February	€ 2,300
	Helicopter dynamics	THE2	Short course	30	March	€ 2,300
	Helicopter materials and technology	THE3	Short course	30	March	€ 2,300
	Helicopter avionics systems	THE4	Short course	30	Late March	€ 2,300
	Helicopter: Prototypes, tests, production, quality	THE5	Short course	25	Early April	€ 2,300
	MAINTENANCE & SUPPORT					
	Airworthiness & human factors for maintenance	AMS1	Certificate of Advanced Studies (CAS)	45	Late January to March	€ 4,000
	Continuing and continued airworthiness	AMS500	Short course	25	Late January to March	€ 2,000
	Human factors and Safety Management System in Aeronautical Maintenance	AMS600	Short course	20	Early March	€ 2,000
	Aircraft structure and materials for aircraft maintenance engineer	AMS103a	Short course	50	October	€ 2,900
	Structural repairs	AMS103b	Short course	10	Late October	€ 1,600
	Aviation regulation and airworthiness	AMS107a	Short course	10	October to Early November	€ 1,600
	Aircraft safety analysis	AMS107b	Short course	20	Décember	€ 2,000
	Predictive maintenance and data analytics	AMS301	Short course	25	Late February to Early March	€ 2,000
	AVIATION SAFETY & AIRCRAFT AIRWORHINESS					
	Aircraft Engineering for Certification of Avionics & Systems	AEC1	Certificate of Advanced Studies (CAS)	75	December to Late January	€ 5,000
	Aircraft Engineering for Certification of Flight and Structure	AEC2	Certificate of Advanced Studies (CAS)	90	Late November au December	€ 6,500
	Environmental certification	AW4	Short course	20	Late January to early February	€ 2,000
	Normal-category aircraft and unconventional products certification	AW6	Short course	25	Late January	€ 2,000
	Avionics	AW9	Short course	25	December and Late January	€ 2,300
	General Systems and cabin	AW10	Short course	50	January	€ 2,900
	Flight	AW7	Short course	40	Late November to early December	€ 2,900
	Structure	AW8	Short course	50	Early December	€ 2,900
	Engine and powerplant	AW11	Short course	25	Late January	€ 2,300
	AEROSPACE STRUCTURES					
	Structural shells analysis & modeling	SA410	Short course	15	Late January	€ 1,800
	Advanced numerical methods	SA411	Short course	10	Late January	€ 1,600
	Flexible structure dynamics: modeling & control	SA402	Short course	20	November	€ 2,000
	Introduction to strategic management: an application to the aviation industry	SA409	Short course	15	Early January	€ 1,800
DIGITAL	**ARTIFICIAL INTELLIGENCE**					
	Data integration and processing for value creation	AIBT1	Certificate of Advanced Studies (CAS)	98	Late October, Late November, Late February	€ 5,000
	AI oriented business model design	AIBT2	Certificate of Advanced Studies (CAS)	84	Late October, Late January, Late March	€ 5,000
	Development & deployment of efficient AI technologies	AIBT3	Certificate of Advanced Studies (CAS)	91	Early January, Late April, Late June	€ 5,000
	Data integration and exploration	AIBT102	Short course	35	Late November	€ 2,300
	Big data processing	AIBT103	Short course	35	Late February	€ 2,300
	Introduction to modern AI	AIBT101	Short course	28	Late October	€ 2,300
	The business of data	AIBT104	Short course	28	Late January	€ 2,300
	Data value creation	AIBT107	Short course	28	Late Mars	€ 2,300
	Machine learning and data analytics	AIBT106	Short course	35	Early January	€ 2,300
	Sequential decision making in AI	AIBT108	Short course	28	Late April	€ 2,300
	AI certification, robustness and dependability	AIBT110	Short course	28	Late June	€ 2,300
	Optimization topics for AI	AIBT105	Short course	28	December	€ 2,300
	Change management	AIBT109	Short course	28	Late May	€ 2,300
PROJECT MANAGEMENT	**PROJECT MANAGEMENT & INNOVATION**					
	Preparation to PMI certification	PMI1	Certificate of Advanced Studies (CAS)	60	March to April	€ 4,000
	Idéation et innovation technologique	MP1	Certificate of Advanced Studies (CAS)	55	Early october to November	€ 4,000
	Design Thinking	MP151	Short course	10	October to Early November	€ 1,600
	Créativité	MP152	Short course	20	October to Early November	€ 2,000
	Intelligence collective	MP255	Short course	15	October to November	€ 1,800
	Open Innovation	MP311*	Short course	10	October	-

Category	Course	Code	Type	Hours	Period	Price
PRO	Conduite et gestion de projet	MP201	Short course	30	November	€ 2,300
	Négociation	MP253	Short course	15	Late January	€ 2,000
	Lean Startup	MP303	Short course	10	Late January	€ 1,600
	Méthodes Agile et scrum	MP312	Short course	20	Late November	€ 1,800
SPACE	**SPACE SYSTEMS ENGINEERING**					
	Launchers	IS1	Certificate of Advanced Studies (CAS)	110	October to March	€ 6,500
	Space environment and effects	IS413	Short course	10	October	€ 1,600
	Mission analysis and orbital mechanics	IS415*	Short course	25	October to December	-
	Launchers architecture	IS431*	Short course	50	November to December	-
	Launchers guidance and control	IS453*	Short course	25	February to March	-
	Space communications systems	IS418	Short course	20	January	€ 2,000
	Space surveillance	IS440	Short course	20	Late February to March	€ 2,000
	Space systems architecture	IS450a	Short course	20	Late January to Early February	€ 2,000
	Systems engineering of space systems	IS552	Short course	15	Late January	€ 2,000
	SPACE APPLICATIONS & SERVICES					
	Earth Observation	APS1	Certificate of Advanced Studies (CAS)	70	November to December	€ 5,000
	Satellite Telecommunication Network	APS2	Certificate of Advanced Studies (CAS)	45	Late October to January	€ 4,000
	Image processing and data analysis	APS302*	Short course	30	November	-
	Applications and services, agriculture and forest	APS303*	Short course	25	Late November	-
	Applications and services, natural resources and	APS304*	Short course	15	Early December	-
	Telecommunications and networks	APS401*	Short course	15	Late October	-
	Broadband satellite communication systems	APS402*	Short course	30	December to January	-
SYSTEMS ENGINEERING	**SYSTEMS ENGINEERING**					
	Value-driven Systems Engineering	SEN1	Certificate of Advanced Studies (CAS)	70	Mid-January to mid-November	€ 7,500
	Preparation for INCOSE ASEP & CSEP certification	SEN2	Certificate of Advanced Studies (CAS)	70	May	€ 5,000

Those short courses can only be attented as part of the relevant certificates