

DIPARTIMENTO DI INGEGNERIA DELL'INNOVAZIONE

Manifesto degli studi A.A. 2020/2021

Corso di Laurea Magistrale **AEROSPACE ENGINEERING**



SSD	MODULO	CFU	SEMESTRE	TAF
I ANNO – CICLO 2020				
CURRICULUM AEROSPACE DESIGN				
ING-IND/06	FLUID DYNAMICS (MOD 1) C.I.	6	I	CARATTERIZZANTE
ING-IND/03	FLIGHT MECHANICS (MOD. 2) C.I.	6	I	CARATTERIZZANTE
MAT/07	MATHEMATICAL AND NUMERICAL METHODS IN AEROSPACE ENGINEERING, WITH LABORATORY	6	I	AFFINE
ING-IND/04	FUNDAMENTALS OF HELICOPTER DESIGN, PRODUCTION AND MAINTENANCE	6	I	CARATTERIZZANTE
CURRICULUM AEROSPACE TECHNOLOGY				
ING-IND/06	FLUID DYNAMICS (MOD 1) C.I.	6	I	CARATTERIZZANTE
ING-IND/03	FLIGHT MECHANICS (MOD. 2) C.I.	6	I	CARATTERIZZANTE
MAT/07	MATHEMATICAL AND NUMERICAL METHODS IN AEROSPACE ENGINEERING, WITH LABORATORY	6	I	AFFINE
ING-IND/04	FUNDAMENTALS OF HELICOPTER DESIGN, PRODUCTION AND MAINTENANCE	6	I	CARATTERIZZANTE
CURRICULUM AEROSPACE SYSTEMS				
ING-INF/04	ROBUST CONTROL AND FLIGHT CONTROL (MOD 1) C.I.	6	I	AFFINE
ING-IND/05	AEROSPACE SYSTEMS (MOD 2) C.I.	6	I	CARATTERIZZANTE
ING-IND/32	DESIGN AND TESTING OF POWER CONVERTERS AND ELECTRICAL MACHINES	6	I	AFFINE
ING-IND/04	CERTIFICATION OF AEROSPACE STRUCTURE	6	I	CARATTERIZZANTE
	TOTAL CREDITS I SEMESTER	24		
ING-IND/07	AERONAUTIC PROPULSION (MOD. 1) C.I.	6	II	CARATTERIZZANTE
ING-IND/07	SPACE PROPULSION (MOD. 2) C.I.	6	II	CARATTERIZZANTE
ING-IND/15	COMPUTER AIDED DESIGN FOR AEROSPACE APPLICATIONS	6	II	CARATTERIZZANTE
ING-IND/06	AERODYNAMICS (MOD. 1) C.I.	6	II	CARATTERIZZANTE
ING-IND/03	ATMOSPHERIC AND SPACE FLIGHT DYNAMICS (MOD. 2) C.I.	6	II	CARATTERIZZANTE
	TOTAL --CREDITS II SEMESTER	30		
	TOTAL CREDITS I YEAR	54		
II ANNO – CICLO 2019				
ING-IND/09	AIRCRAFT POWERPLANT DESIGN AND MAINTENANCE C.I.	9	I	AFFINE
ING-IND/16	ADDITIVE MANUFACTURING C.I.	3	I	AFFINE
	UN CORSO A SCELTA TRA I SEGUENTI:			
ING-IND/03	AIRCRAFT DESIGN	6	II	CARATTERIZZANTE
ING-IND/04	FUNDAMENTALS OF HELICOPTER DESIGN, PRODUCTION AND MAINTENANCE	6	I	CARATTERIZZANTE

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CURRICULUM DESIGN				
ING-IND/24	PROCESSING AND PROPERTIES OF COMPOSITEE MATERIALS FOR AEREONAUTICS	9	II	AFFINE
	UN CORSO A SCELTA TRA I SEGUENTI:			
ING-IND/21	ELECTRICAL ENERGY STORAGE FOR AERONAUTICS	9	I	AFFINE
ING-IND/14	CERTIFICATION OF AEREOSPACE STRUCTURES	9	I	AFFINE
CURRICULUM SYSTEMS				
ING-IND/21	ELECTRICAL ENERGY STORAGE FOR AERONAUTICS	9	I	AFFINE
	UN CORSO A SCELTA TRA I SEGUENTI:			
ING-INF/01	SYSTEMS AND DEVICES FOR SATELLITES	9	I	AFFINE
ING-INF/05	EMBEDDED AND CERTIFIED SOFTWARE	9	II	AFFINE
ING-IND/35	SPACE ECONOMY	9	II	AFFINE
	ELECTIVES: STUDENTS ARE OBLIGED TO CHOOSE COURSES HELD IN ENGLISH FOR MASTER DEGREES. IT IS NOT POSSIBLE TO CHOOSE AN INDIVIDUAL MODULE FROM AN INTEGRATED COURSE. (GLI STUDENTI SONO OBBLIGATI ALLA SCELTA DI INSEGNAMENTI EROGATI IN LINGUA INGLESE E ATTIVATI SUI CORSI DI LAUREA MAGISTRALE. LA SCELTA NON PUÒ INTERESSARE SINGOLI MODULI APPARTENENTI A CORSI INTEGRATI).	9		
	TOTAL DIDACTIC CREDITS	45		
	INTERNSHIP/TRAINING	6		
	FINAL EXAM	12		
	TOTALE CREDITS II YEAR	66		
	TOTAL CREDITS	120		