

DIPARTIMENTO DI INGEGNERIA DELL'INNOVAZIONE
Manifesto 2023/2024
CORSO DI LAUREA AEROSPACE ENGINEERING – LM52
DM 270/04
BRINDISI

I ANNO – A.A. 2023/2024

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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
TOTAL CREDITS I SEMESTER		24		
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
TOTAL CREDITS I SEMESTER		24		
CURRICULUM AEROSPACE SYSTEMS				
ING-IND/32	ELECTRICAL ENERGY FOR AEROSPACE: GENERATION AND POWER MANAGEMENT (MOD. 1) C.I.	6	I	AFFINE
ING-IND/21	ELECTRICAL ENERGY FOR AEROSPACE: STORAGE (.MOD.2) C.I.	3	I	AFFINE
ING-IND/04	AEROSPACE STRUCTURES AND CERTIFICATION (MOD. 1) C.I.	6	I	CARATTERIZZANTE
ING-IND/05	SPACE MISSION PROJECT AND SYSTEMS (MOD. 2) C.I.	6	I	CARATTERIZZANTE
ING-INF/03	RADAR SYSTEMS	6	I	AFFINE
TOTAL CREDITS I SEMESTER		27		
CURRICULUM AEROSPACE DESIGN E CURRICULUM TECHNOLOGY				
ING-IND/15	COMPUTER AIDED DESIGN FOR AEROSPACE APPLICATIONS	6	II	CARATTERIZZANTE
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ING-IND/07	AERONAUTIC PROPULSION (<i>mod. 1</i>) c.i.	6	II	CARATTERIZZANTE
ING-IND/07	SPACE PROPULSION (<i>mod. 2</i>) c.i.	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		30/24		
TOTAL CREDITS I YEAR		54/51		
II ANNO – A.A. 2022/2023				
ING-IND/04	AEROSPACE STRUCTURES	9	I	CARATTERIZZANTE
CURRICULUM AEROSPACE DESIGN				
ING-IND/09	AIRCRAFT POWERPLANT NEW CONCEPTS, CONTROL AND MAINTENANCE C.I.	9	I	AFFINE
ING-IND/16	FUNDAMENTALS OF AEROSPACE TECHNOLOGIES C.I.	3	I	AFFINE
ING-IND/21	METALLIC MATERIALS FOR AERONAUTICS	9	II	AFFINE
ING-IND/03	AIRCRAFT DESIGN	9	II	CARATTERIZZANTE

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"electives": students are obliged to choose courses held in english for master degrees.		9	II	
TOTAL CREDITS I SEMESTER		21		
TOTAL CREDITS II SEMESTER		27		
CURRICULUM AEROSPACE TECHNOLOGY				
ING-IND/09	AIRCRAFT POWERPLANT NEW CONCEPTS, CONTROL AND MAINTENANCE C.I.	9	I	AFFINE
ING-IND/16	FUNDAMENTALS OF AEROSPACE TECHNOLOGIES C.I.	3	I	AFFINE
ING-IND/24	PROCESSING AND PROPERTIES OF COMPOSITE MATERIALS FOR AERONAUTICS	9	II	AFFINE
ING-IND/16	ADVANCED TECHNOLOGIES AND ADDITIVE MANUFACTURING FOR AEROSPACE	9	II	AFFINE
"ELECTIVES: STUDENTS ARE OBLIGED TO CHOOSE COURSES HELD IN ENGLISH FOR MASTER DEGREES.		9	II	
TOTAL CREDITS I SEMESTER		21		
TOTAL CREDITS II SEMESTER		27		
CURRICULUM AEROSPACE SYSTEMS				
ING-IND/35	SPACE ECONOMY	6	I	AFFINE
ING-INF/04	ROBUST CONTROL AND FLIGHT CONTROL (MOD 1) C.I.	6	I	AFFINE
ING-INF/05	EMBEDDED AND CERTIFIED SOFTWARE (MOD 2) C.I.	6	I	AFFINE
ING-IND/09	AIRCRAFT POWERPLANT NEW CONCEPTS, CONTROL AND MAINTENANCE	9	I	AFFINE
ING-INF/01	AVIONIC SYSTEMS	6	II	AFFINE
"ELECTIVES": STUDENTS ARE OBLIGED TO CHOOSE COURSES HELD IN ENGLISH FOR MASTER DEGREES.		9	II	
TOTAL CREDITS I SEMESTER		36		
TOTAL CREDITS II SEMESTER		15		
INTERNSHIP/TRAINING		6	II	
FINAL EXAM		12	II	
TOTALE CREDITS II YEAR		66/69		
TOTAL CREDITS		120		