

DIPARTIMENTO DI INGEGNERIA DELL'INNOVAZIONE

Ciclo 2023

Corso di Laurea Magistrale In
Aerospace Engineering –LM52

DM 270/04

BRINDISI



SSD	MODULO	CFU	SEM	TAF
I Anno – A.A. 2023/2024				
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		
ESAMI COMUNI AI TRE INDIRIZZI				
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
CURRICULUM AEROSPACE DESIGN E CURRICULUM AEROSPACE TECHNOLOGY				
ING-IND/15	COMPUTER AIDED DESIGN FOR AEROSPACE APPLICATIONS	6	II	CARATTERIZZANTE
TOTAL CREDITS II SEMESTER CURRICULUM AEROSPACE DESIGN AND AEROSPACE TECHNOLOGY		30		
CURRICULUM AEROSPACE SYSTEMS				
TOTAL CREDITS II SEMESTER CURRICULUM AEROSPACE SYSTEMS		24		
TOTAL CREDITS II SEMESTER		30/24		
TOTAL CREDITS I YEAR		51/54		

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II ANNO – A.A. 2024/2025

ESAMI COMUNI AI TRE INDIRIZZI				
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
	"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		
TOTAL CREDITS II YEAR		48/51		

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	INTERNSHIP/TRAINING	6	II	
	FINAL EXAM	12	II	
	TOTALE CREDITS II YEAR	66/69		
	TOTAL CREDITS	120		