

DIPARTIMENTO DI INGEGNERIA DELL'INNOVAZIONE
Ciclo 2024
Corso di Laurea AEROSPACE ENGINEERING – DM 270/04
BRINDISI - TARANTO

I ANNO – A.A. 2024/2025				
CURRICULUM AERONAUTIC 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 SPACE TECHNOLOGY				
ING-IND/06	GAS DYNAMICS	6	I	CARATTERIZZANTE
ING-IND/32	POWER AND CONTROL SYSTEMS MOD. A C.I.	6	I	AFFINE
ING-INF/04	POWER AND CONTROL SYSTEMS MOD. B C.I.	6	I	AFFINE
ING-IND/05	SPACECRAFT ARCHITECTURE AND SYSTEMS ENGINEERING	6	I	CARATTERIZZANTE
	TOTAL CREDITS I SEMESTER	24		
CURRICULUM AERONAUTIC DESIGN				
ING-IND/15	COMPUTER AIDED DESIGN FOR AEROSPACE APPLICATIONS	6	II	CARATTERIZZANTE
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/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		
CURRICULUM SPACE TECHNOLOGY				
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/06	AERODYNAMICS (MOD. 1) C.I.	6	II	CARATTERIZZANTE
ING-IND/03	ATMOSPHERIC AND SPACE FLIGHT DYNAMICS (MOD. 2) C.I.	6	II	CARATTERIZZANTE
ING-INF/05	SPACE SW ARCHITECTURE & ALGORITHMS	6	II	AFFINE
	TOTAL CREDITS II SEMESTER	30		
	TOTAL CREDITS I YEAR	54		
II ANNO – A.A. 2025/2026				
CURRICULUM AERONAUTIC DESIGN				
ING-IND/04	AEROSPACE STRUCTURES	9	I	CARATTERIZZANTE

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ING-IND/09	PROPULSION SISTEMS NEW CONCEPTS AND DYNAMICS C.I.	9	I	AFFINE
ING-IND/16	FUNDAMENTALS OF AEROSPACE TECHNOLOGIES C.I.	3	I	AFFINE
	TOTAL CREDITS I SEMESTER	21		
CURRICULUM SPACE TECHNOLOGY				
ING-IND/04	AEROSPACE STRUCTURES (SEDE TARANTO)	9	I	CARATTERIZZANTE
ING-IND/09	PROPULSION SISTEMS NEW CONCEPTS AND DYNAMICS (SEDE TARANTO)	6	I	AFFINE
ING-INF/01	ADVANCED ELECTRONICS FOR SPACE SYSTEMS C.I.	6	I	AFFINE
ING-INF/03	SATELLITE COMMUNICATIONS C.I.	6	I	AFFINE
	TOTAL CREDITS I SEMESTER	27		
CURRICULUM AERONAUTIC DESIGN				
ING-IND/03	AIRCRAFT DESIGN	9	II	CARATTERIZZANTE
<i>Un esame obbligatorio da selezionare tra i seguenti:</i>				
ING-IND/21	METALLIC MATERIALS FOR AERONAUTICS	9	II	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
	TOTAL CREDITS II SEMESTER	18		
CURRICULUM SPACE TECHNOLOGY				
<i>Due esami obbligatori da selezionare tra i seguenti:</i>				
ING-IND/35	SPACE ECONOMY	6	II	AFFINE
ING-IND/14	DESIGN METHODS FOR SPACE SYSTEMS	6	II	AFFINE
ING-IND/16	3D PRINTING FOR SPACE ENGINEERING	6	II	AFFINE
ING-INF/01	ELECTRONIC SYSTEMS FOR PAYLOADS AND ON-BOARD UNITS	6	II	AFFINE
ING-INF/05	DIGITAL SERVICES IN SPACE DOMAIN	6	II	AFFINE
ING-INF/07	THERMAL AND ELECTRICAL TESTING	6	II	AFFINE
	TOTAL CREDITS II SEMESTER	12		
CURRICULUM AERONAUTIC DESIGN				
	"electives: students are obliged to choose courses held in english for master degrees.	9	I	
	INTERNSHIP/TRAINING	6	I	
	FINAL EXAM	12	I	
CURRICULUM SPACE TECHNOLOGY				
	"electives: students are obliged to choose courses held in english for master degrees.	12	I	
	INTERNSHIP/TRAINING	3	I	
	FINAL EXAM	12	I	
	TOTALE CREDITS II YEAR	66		
	TOTAL CREDITS	12		



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