

DIPARTIMENTO DI INGEGNERIA DELL'INNOVAZIONE
Ciclo 2025
Corso di Laurea AEROSPACE ENGINEERING – DM 270/04
BRINDISI - TARANTO

SSD	SSD NUOVO	MODULO	CF U	SEMESTRE	TAF
I ANNO – A.A. 2025/2026					
CURRICULUM AERONAUTIC DESIGN					
ING-IND/06	IIND-01/F	GAS DYNAMICS (MOD 1) C.I.	6	I	CARATTERIZZANTE
ING-IND/03	IIND-01/C	FLIGHT MECHANICS (MOD. 2) C.I.	6	I	CARATTERIZZANTE
ING-IND/15	IIND-03/B	COMPUTER AIDED DESIGN FOR AEROSPACE APPLICATIONS	6	I	CARATTERIZZANTE
ING-IND/04	IIND-01/D	FUNDAMENTALS OF HELICOPTER DESIGN, PRODUCTION AND MAINTENANCE	6	I	CARATTERIZZANTE
		TOTAL CREDITS I SEMESTER	24		
CURRICULUM SPACE TECHNOLOGY					
ING-IND/06	IIND-01/F	GAS DYNAMICS	6	I	CARATTERIZZANTE
ING-IND/32	IIND-08/A	POWER AND CONTROL SYSTEMS MOD. A C.I.	6	I	AFFINE
ING-INF/04	IINF-04/A	POWER AND CONTROL SYSTEMS MOD. B C.I.	6	I	AFFINE
ING-IND/05	IIND-01/E	SPACECRAFT ARCHITECTURE AND SYSTEMS ENGINEERING	6	I	CARATTERIZZANTE
		TOTAL CREDITS I SEMESTER	24		
CURRICULUM AERONAUTIC DESIGN					
MAT/07	MATH-04/A	MATHEMATICAL AND NUMERICAL METHODS IN AEROSPACE ENGINEERING, WITH LABORATORY	6	II	AFFINE
ING-IND/07	IIND-01/G	AERONAUTIC PROPULSION (mod. 1) C.I.	6	II	CARATTERIZZANTE
ING-IND/07	IIND-01/G	SPACE PROPULSION (mod. 2) C.I.	6	II	CARATTERIZZANTE
ING-IND/06	IIND-01/F	AERODYNAMICS (MOD. 1) C.I.	6	II	CARATTERIZZANTE
ING-IND/03	IIND-01/C	ATMOSPHERIC AND SPACE FLIGHT DYNAMICS (MOD. 2) C.I.	6	II	CARATTERIZZANTE
		TOTAL CREDITS II SEMESTER	30		
CURRICULUM SPACE TECHNOLOGY					
ING-IND/07	IIND-01/G	AERONAUTIC PROPULSION (mod. 1) C.I.	6	II	CARATTERIZZANTE
ING-IND/07	IIND-01/G	SPACE PROPULSION (mod. 2) C.I.	6	II	CARATTERIZZANTE
ING-IND/06	IIND-01/F	AERODYNAMICS (MOD. 1) C.I.	6	II	CARATTERIZZANTE
ING-IND/03	IIND-01/C	ATMOSPHERIC AND SPACE FLIGHT DYNAMICS (MOD. 2) C.I.	6	II	CARATTERIZZANTE
ING-INF/05	IINF-05/A	SPACE SW ARCHITECTURE & ALGORITHMS	6	II	AFFINE
		TOTAL CREDITS II SEMESTER	30		
		TOTAL CREDITS I YEAR	54		
II ANNO – A.A. 2026/2027 II ANNO					
CURRICULUM AERONAUTIC DESIGN					
ING-IND/04	IIND-01/D	AEROSPACE STRUCTURES	9	I	CARATTERIZZANTE
ING-IND/09	IIND-06/B	PROPULSION SYSTEMS NEW CONCEPTS AND DYNAMICS C.I.	9	I	AFFINE
ING-IND/16	IIND-04/A	FUNDAMENTALS OF AEROSPACE TECHNOLOGIES C.I.	3	I	AFFINE
		TOTAL CREDITS I SEMESTER	21		

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CURRICULUM SPACE TECHNOLOGY					
ING-IND/04	IIND-01/D	AEROSPACE STRUCTURES (SEDE TARANTO)	9	I	CARATTERIZZANTE
ING-IND/09	IIND-06/B	PROPULSION SYSTEMS NEW CONCEPTS AND DYNAMICS (SEDE TARANTO)	6	I	AFFINE
ING-INF/01	IINF-01/A	ADVANCED ELECTRONICS FOR SPACE SYSTEMS C.I.	6	I	AFFINE
ING-INF/03	IINF-03/A	SATELLITE COMMUNICATIONS C.I.	6	I	AFFINE
TOTAL CREDITS I SEMESTER			27		
CURRICULUM AERONAUTIC DESIGN					
ING-IND/06	IIND-01/F	AIRCRAFT DESIGN MOD A C.I.	6	II	CARATTERIZZANTE
ING-IND/04	IIND-01/D	AIRCRAFT DESIGN MOD B C.I.	3	II	CARATTERIZZANTE
<i>Un esame obbligatorio da selezionare tra i seguenti:</i>					
ING-IND/21	IIND-03/C	METALLIC MATERIALS FOR AERONAUTICS	9	II	AFFINE
ING-IND/24	ICHI-01/B	PROCESSING AND PROPERTIES OF COMPOSITE MATERIALS FOR AERONAUTICS	9	II	AFFINE
ING-IND/16	IIND-04/A	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	IEGE-01/A	SPACE ECONOMY	6	II	AFFINE
ING-IND/14	IIND-03/A	DESIGN METHODS FOR SPACE SYSTEMS	6	II	AFFINE
ING-IND/16	IIND-04/A	3D PRINTING FOR SPACE ENGINEERING	6	II	AFFINE
ING-INF/01	IINF-01/A	ELECTRONIC SYSTEMS FOR PAYLOADS AND ON-BOARD UNITS	6	II	AFFINE
ING-INF/05	IINF-05/A	DIGITAL SERVICES IN SPACE DOMAIN	6	II	AFFINE
ING-INF/07	IMIS-01/B	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	II	
		INTERNSHIP/TRAINING	6	II	
		FINAL EXAM	12	II	
CURRICULUM SPACE TECHNOLOGY					
		"electives: students are obliged to choose courses held in english for master degrees.	12	II	
		INTERNSHIP/TRAINING	3	II	
		FINAL EXAM	12	II	
TOTALE CREDITS II YEAR			66		
TOTAL CREDITS			120		