

# DIPARTIMENTO DI INGEGNERIA DELL'INNOVAZIONE

Manifesto degli studi A.A. 2019/2020

Corso di Laurea Magistrale **AEROSPACE ENGINEERING**



SSD	MODULO	CFU	SEMESTRE	TAF
<b>I ANNO – CICLO 2019</b>				
ING-IND/07	AERONAUTIC PROPULSION (MOD. 1) C.I.	6	I	CARATTERIZZANTE
ING-IND/07	SPACE PROPULSION (MOD. 2) C.I.	6	I	CARATTERIZZANTE
<b>CURRICULUM DESIGN</b>				
ING-IND/06	FLUID DYNAMICS (MOD. 1) C.I.	6	I	CARATTERIZZANTE
ING-IND/03	FLIGHT MECHANICS (MOD. 2) C.I.	6	I	CARATTERIZZANTE
<b>CURRICULUM SYSTEMS</b>				
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
	<b>TOTAL CREDITS I SEMESTER</b>	<b>24</b>		
ING-IND/04	AEROSPACE STRUCTURES	9	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-IND/15	COMPUTER AIDED DESIGN FOR AEROSPACE APPLICATIONS	6	II	CARATTERIZZANTE
<b>CURRICULUM DESIGN</b>				
MAT/07	MATHEMATICAL AND NUMERICAL METHODS IN AEROSPACE ENGINEERING, WITH LABORATORY	6	II	AFFINE
<b>CURRICULUM SYSTEMS</b>				
ING-IND/32	DESIGN AND TESTING OF POWER CONVERTERS AND ELECTRICAL MACHINES	6	II	AFFINE
	<b>TOTAL CREDITS II SEMESTER</b>	<b>33</b>		
<b>II ANNO – CICLO 2018</b>				
ING-IND/05	AEROSPACE SYSTEMS	6	I	CARATTERIZZANTE
ING-IND/09	AIRCRAFT POWERPLANT DESIGN AND MAINTENANCE	9	I	AFFINE
ING-IND/16	AERONAUTICAL TECHNOLOGIES	6	II	AFFINE
<b>CURRICULUM MAIN COURSE</b>				
ING-IND/21	METALLIC MATERIALS FOR AERONAUTICS	9	I	AFFINE
ING-IND/04	FUNDAMENTALS OF HELICOPTER DESIGN, PRODUCTION AND MAINTENANCE	6	I	CARATTERIZZANTE
<b>CURRICULUM AEROSPACE DESIGN</b>				
ING-IND/03	AIRCRAFT DESIGN	6	II	CARATTERIZZANTE
ING-IND/24	PROCESSING AND PROPERTIES OF COMPOSITE MATERIALS FOR AERONAUTICS	9	II	AFFINE
<b>CURRICULUM AEROSPACE ENGINEERING SYSTEMS</b>				

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ING-IND/04	FUNDAMENTALS OF HELICOPTER DESIGN, PRODUCTION AND MAINTENANCE	6	I	CARATTERIZZANTE
ING-INF/01	SYSTEMS AND DEVICES FOR SATELLITES (C.I.)	4	II	AFFINE
ING-IND/32	DESIGN AND TESTING OF POWER CONVERTERS AND ELECTRICAL MACHINES (C.I.)	5	II	AFFINE
	<b>TOTAL CREDITS I-II SEMESTER</b>	<b>36</b>		
	<b>ELECTIVES:</b> 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		A SCELTA
	INTERNSHIP/TRAINING	6		
	FINAL EXAM	12		
	<b>TOTAL CREDITS II SEMESTER</b>	<b>36</b>		