

# DIPARTIMENTO DI INGEGNERIA DELL'INNOVAZIONE

Ciclo 2019

Corso di Laurea Magistrale **AEROSPACE ENGINEERING**



SSD	MODULO	CFU	SEMESTRE	TAF
<b>I ANNO – A.A. 2019/2020</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>TOTAL CREDITS I YEAR</b>	<b>57</b>		
<b>II ANNO – A.A. 2020/2021</b>				
ING-IND/09	AIRCRAFT POWERPLANT DESIGN AND MAINTENANCE C.I.	9	I	AFFINE
ING-IND/16	ADDITIVE MANUFACTURING C.I.	3	I	AFFINE
	<b>UN CORSO A SCELTA TRA I SEGUENTI:</b>			
ING-IND/03	AIRCRAFT DESIGN	6	II	CARATTERIZZANTE
ING-IND/04	FUNDAMENTALS OF HELICOPTER DESIGN, PRODUCTION AND MAINTENANCE	6	I	CARATTERIZZANTE
<b>CURRICULUM DESIGN</b>				
ING-IND/24	PROCESSING AND PROPERTIES OF COMPOSITE MATERIALS FOR AERONAUTICS	9	II	AFFINE
	<b>UN CORSO A SCELTA TRA I SEGUENTI:</b>			

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ING-IND/21	ELECTRICAL ENERGY STORAGE FOR AERONAUTICS	9	I	AFFINE
ING-IND/14	CERTIFICATION OF AEROSPACE STRUCTURE	9	I	AFFINE
<b>CURRICULUM SYSTEMS</b>				
ING-IND/21	ELECTRICAL ENERGY STORAGE FOR AERONAUTICS	9	II	AFFINE
	<b>UN CORSO A SCELTA TRA I SEGUENTI:</b>			
ING-INF/01	SYSTEMS AND DEVICES FOR SATELLITES	9	I	AFFINE
ING-INF/05	EMBEDDED AND CERTIFIED SOFTWARE	9	II	AFFINE
ING-IND/35	SPACE ECONOMY	9	II	AFFINE
	<p><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.</p> <p>(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).</p>	9		
	TOTAL DIDACTIC CREDITS	45		
	INTERNSHIP/TRAINING	6		
	FINAL EXAM	12		
	<b>TOTAL CREDITS II YEAR</b>	63		
	<b>TOTAL CREDITS</b>	120		