

1st Year

1st Semester

CURRICULAR UNIT	WORKING HOURS		ECTS	OBS
	Total	Contact		
Calculus I	168	TP:45; OT:15	6	
Technical Drawing and Geometric Modeling	168	TP:60	6	
Applied Programming	168	TP:45	6	
Linear Algebra	168	T:30;P:30	6	
Introduction to Aeronautical Engineering	168	T:20;PL:20;OT:20	6	

2nd Semester

CURRICULAR UNIT	WORKING HOURS		ECTS	OBS
	Total	Contact		
Calculus II	168	TP:45; OT:15	6	
Mechanics and Waves	168	T:30; PL:30	6	
General Chemistry	168	T:24; P:24; PL:12	6	
Material Science and Technology	168	T:30; PL:30	6	
Probability and Statistics for Engineering	168	T:30; PL:30	6	

2nd Year

1st Semester

CURRICULAR UNIT	WORKING HOURS		ECTS	OBS
	Total	Contact		
Calculus III	168	TP:45; OT:15	6	
Applied Mechanics	168	T:30; PL:30	6	
Electromagnetism and Optics	168	T:30; PL:30	6	
Electronics Circuits Analysis	168	T:30; PL:30	6	
Metallic Materials for Aerospace	168	TP:60	6	

2nd Semester

CURRICULAR UNIT	WORKING HOURS		ECTS	OBS
	Total	Contact		
Mechanics of Materials	168	T:40; P:10; OT:15	6	
Electromechanics and Avionics	168	T:30; PL:30	6	
Thermodynamics and Transport Phenomena	168	T:30; PL:15	6	
Fluid Mechanics	168	T:30; PL:30	6	
Aircraft Performance	168	T:30; PL:30	6	

3rd Year

1st Semester

CURRICULAR UNIT

	WORKING HOURS		ECTS	OBS
	Total	Contact		
Aerodynamics	168	T:30; PL:30	6	
Aeronautical Structures	168	T:30; PL:30	6	
Computational Modeling of Materials	168	TP:60	6	
Aircraft Propulsion	168	T:30; PL:30	6	
Production Process	168	TP:40; PL:20	6	

2nd Semester

CURRICULAR UNIT

	WORKING HOURS		ECTS	OBS
	Total	Contact		
Strategic and Operational Management	168	TP:60	6	
Flight Operations Support	168	T:30; PL:30	6	
Composite Materials	168	T:40; P:20	6	
Aeronautical Design	168	T:20; OT:40	12	