



# SYLLABUS

## ACADEMIC YEAR 1º

FIRST SEMESTER	HOURS	LOCATION	SECOND SEMESTER	HOURS	LOCATION
FUNDAMENTALS OF PILOT I	104	Theory FlyBy	AIRCRAFT GENERAL KNOWLEDGE: INSTRUMENTS	35	Theory FlyBy
FUNDAMENTALS OF PILOT II	108	Theory FlyBy	AIRCRAFT GENERAL KNOWLEDGE: SYSTEMS	75	Theory FlyBy
KNOWLEDGE SKILLS AND ATTITUDES	30	Theory FlyBy	FLIGHT PERFORMANCE & PLANNING: MASS AND BALANCE	10	Theory FlyBy
MATHEMATICS I	15	Theory Uni.	FLIGHT PERFORMANCE & PLANNING: PERFORMANCE	65	Theory FlyBy
PHYSICS OF FLIGHT PRINCIPLES I	15	Theory Uni.	FLIGHT PERFORMANCE & PLANNING: FLIGHT PLANNING	30	Theory FlyBy
ICAO ENGLISH LANGUAGE LEVEL 4	35	Theory Uni.	METEOROLOGY	65	Theory FlyBy
			HUMAN PERFORMANCE & LIMITATIONS	40	Theory FlyBy
			ICAO ENGLISH LANGUAGE LEVEL 5	35	Theory Uni.

## ACADEMIC YEAR 2º

THIRD SEMESTER	HOURS	LOCATION	FOURTH SEMESTER	HOURS	LOCATION
AIR NAVIGATION: RADIONAVIGATION	45	Theory FlyBy	MECHANICAL BEHAVIOR OF AEROSPACE MATERIALS	50	Theory Uni.
AIR LAW	45	Theory FlyBy	SECURITY MANAGEMENT SYSTEMS-ICAO	30	Theory Uni.
AIR NAVIGATION: GENERAL NAVIGATION	90	Theory FlyBy	PREVENTION OF RUNWAY INCURSIONS AND SAFE AIR-SIDE OPERATIONS (PICS)	30	Theory Uni.
PRINCIPLES OF FLIGHT (POF)	50	Theory FlyBy	AIRPORTS	60	Theory Uni.
COMMUNICATIONS	30	Theory FlyBy	AIR NAVIGATION	45	Theory Uni.
OPERATIONAL PROCEDURES	20	Theory FlyBy	WEALTH AND TAX MANAGEMENT	25	Theory Uni.
HUMAN FACTORS AND RISK MANAGEMENT ONBOARD	40	Theory Uni.			



### ACADEMIC YEAR 3º

FIFTH SEMESTER	HOURS	LOCATION	SIXTH SEMESTER	HOURS	LOCATION
FUNDAMENTALS OF AIRCRAFT ENGINES	50	Theory Uni.	APS MULTI CREW COOPERATION (Phase V Theory)	60	Theory FlyBy
DESIGN AND MANUFACTURE OF AIRCRAFTS	50	Theory Uni.	JET ORIENTED COURSE (JOC)	10	Theory Uni.
INTRODUCTION TO ASTRONOMY AND CELESTIAL NAVIGATION	30	Theory Uni.	AIR TRAFFIC MANAGEMENT (ATM)	60	Theory Uni.
AIRCRAFT MAINTENANCE	50	Theory Uni.	AIRLINE AND AEROSPACE ENTERPRISES MANAGEMENT	50	Theory Uni.
GROUND OPERATIONS (HANDLING AND SERVICES)	40	Theory Uni.	CAREER OPPORTUNITIES	20	Theory Uni.
AIR CARGO AND LOGISTICS OPERATIONS MANAGEMENT	40	Theory Uni.	DEGREE THESIS	90	Theory Uni.

### FLIGHT TRAINING

SECOND TO SIXTH SEMESTER	HOURS	LOCATION
FLIGHT INSTRUCTION SE-VFR (Phase I + II)	47	Practice FlyBy
FLIGHT INSTRUCTION SE-VFR (Phase III a)	30	Practice FlyBy
FLIGHT INSTRUCTION SE-VFR (Phase III b)	39	Practice FlyBy
FLIGHT INSTRUCTION SE-IR (Phase IV SPIC)	20	Practice FlyBy
FLIGHT INSTRUCTION FNPT II (Phase IV SIM)	40	Practice FlyBy
UPSET RECOVERY TRAINING & AEROBATIC (UPRT)	3	Practice FlyBy
FLIGHT INSTRUCTION MULTI ENGINE (Phase IV ME)	19	Practice FlyBy
APS MULTI CREW COOPERATION (Phase V Practice)	40	Practice FlyBy
AIRBUS 320 OPERATION (A320-O)	20	Practice FlyBy
BOEING 737 OPERATION (B737-O)	20	Practice FlyBy