



UNDERGRADUATE STUDY: **AERONAUTICS**

SEMESTER (I)

Syllabus

Academic year 2023/2024

Course:		Aviation English I			
Head of course: Ivana Francetić, B.A.					
Co-lecturers:					
Semester: I	Course code: 95316	Lectures: 15	Auditory exercises: 15	Laboratory exercises:	ECTS credits: 1
Group for lectures: 25 students			Group for auditory and laboratory exercises: 25 students		

Objective of the course:

- Enable student to acquire all four basic language skills (reading, writing, listening and speaking)
- Provide knowledge necessary to meaningfully talk about aviation topics using grammatically correct English sentences

Learning outcomes:

After the completion of the course the student will be able to:

1. Recognize, name, use, analyse and compare English language tenses in Aviation English texts.
2. Demonstrate the ability to read, correctly pronounce and understand texts written in English relating to aviation topics.
3. Acquire and practice basic translating in the field of aviation from English into Croatian and from Croatian into English.
4. Understand main ideas of the text, conclude unknown words from the context in which they can be found and interpret the read text in English.
5. Actively participate in class discussions on aviation industry topics, react on mistakes made by other students, provide answers and accept other students' opinions.
6. Reformulate own thoughts and ideas when not-knowing specific vocabulary
7. Demonstrate knowledge of terminology in English relation to various parts of aircraft, forces that work on aircraft in flight, phases of flight, basics of navigation and orientation.



LECTURES and EXERCISES

Week	Syllabus	Form of classes	Performed by	Lessons	Remark
1.	<ul style="list-style-type: none"> Introduction: ESP and AE Explanation of the syllabus and course requirements (quizzes, oral exams, grading) ICAO rating scale Aircraft Classification and Definitions 	L	Ivana Francetić	2	
2.	<ul style="list-style-type: none"> A Brief History of Aviation 	L	Ivana Francetić	1	
	<ul style="list-style-type: none"> History of Aviation: Listening comprehension 	AE	Ivana Francetić	1	
3.	<ul style="list-style-type: none"> Bernoulli's Principle Newton's Laws of Motion 	L	Ivana Francetić	1	
	<ul style="list-style-type: none"> Present Simple and Present Continuous Tenses 	AE	Ivana Francetić	1	
4.	<ul style="list-style-type: none"> Principles of Flight (four forces, three motions) Aircraft Stability and Control 	L	Ivana Francetić	1	
	<ul style="list-style-type: none"> Basic aerodynamics - video 	AE	Ivana Francetić	1	
5.	<ul style="list-style-type: none"> Aircraft Structure and Flight Controls (Wings) 	L	Ivana Francetić	1	
	<ul style="list-style-type: none"> Vocabulary exercises 	AE	Ivana Francetić	1	



6.	<ul style="list-style-type: none"> Aircraft Structure and Flight Controls ctd. (Landing gear, Fuselage, Tail unit) 	L	Ivana Francetić	1	
	<ul style="list-style-type: none"> Past Simple and Past Continuous Tenses 	AE	Ivana Francetić	1	
7.	<ul style="list-style-type: none"> Intersemestral quiz 1 	2	Ivana Francetić	2	
8.	<ul style="list-style-type: none"> Describing Position on an Aircraft 	L	Ivana Francetić	1	
	<ul style="list-style-type: none"> Present Perfect Simple and Present Perfect Continuous Tenses 	AE	Ivana Francetić	1	
9.	<ul style="list-style-type: none"> Aircraft Specifications (classification, wing span, MTOW, length, cabin width etc.) 	L	Ivana Francetić	1	
	<ul style="list-style-type: none"> Adjectives and adverbs – comparison 	AE	Ivana Francetić	1	
10.	<ul style="list-style-type: none"> Phases of flight, stages of taking off and landing Mistakes on landing 	L	Ivana Francetić	1	
	<ul style="list-style-type: none"> Past Perfect Simple and Past Perfect Continuous Tenses; have got/have, used to 	AE	Ivana Francetić	1	
11.	<ul style="list-style-type: none"> Preparation for a flight, aircraft checks and checklists 	L	Ivana Francetić	1	
	<ul style="list-style-type: none"> Expressing future using present tenses, Going to Future, will/shall 	AE	Ivana Francetić	1	



12.	<ul style="list-style-type: none"> Navigation and Flight Planning (dead reckoning, pilotage, NDB, VOR, DME, ILS) Numbers 	L	Ivana Francetić	1	
	<ul style="list-style-type: none"> Future Continuous Temporal sentences 	AE	Ivana Francetić	1	
13.	<ul style="list-style-type: none"> Lost (Emery, pp.16-23) 	L	Ivana Francetić	1	
	<ul style="list-style-type: none"> Future Perfect Simple and Future Perfect Continuous Tenses 	AE	Ivana Francetić	1	
14.	<ul style="list-style-type: none"> Intersemestral quiz 2 	2	Ivana Francetić	2	
15.	<ul style="list-style-type: none"> Word order Revision/quiz results 	2	Ivana Francetić	2	

L = Lectures; AE = Auditory Exercises; LE = Laboratory Exercises; S = Seminars



STUDENT OBLIGATIONS AND EXAMS

Conditions for obtaining signatures:

The student acquires the right to get a signature for $\geq 80\%$ of attendance during the lectures and attendance at $\geq 70\%$ of exercises. The attendance in the percentage lower than 80% at lectures and exercises may be justified by adequate medical note. The student is required to bring in 3 (three) homework papers. There are no pre-conditions from other courses except basic knowledge of the English language.

Written exam:

There are two ways of passing the exam:

- a) **Written quizzes** – consists of writing two written tests during the semester. The first quiz can be attended by all students enrolled in the course in the current academic year. The second quiz at the end of the semester can be attended by the students who have acquired a positive grade from quiz 1.
- b) **Written test** – consists of a final written exam during regular examination periods. The written exam can be attended by students who are eligible for signature.

Oral exam: To attend the oral part of exam, the student has to pass two written quizzes or the final written exam.

LITERATURE

a) Obligatory literature:

1. Material published on Merlin system
2. Additional materials brought to the class by the lecturer

b) Recommended literature:

1. E.Walker & S Elsworth: **Grammar Practice**, Longman, Pearson Education Limited, England (the latest edition)
2. R. Murphy; **English Grammar in Use**, CUP, Cambridge, (the latest edition)
3. Henry Emery & Andy Roberts: **Aviation English**, Macmillan, 2010
4. C. Douglas Billet: **Ready for Take-Off**, Media Training Cooperation, Cannes, 2000
5. S. Ellis & Gerighty: **English for Aviation**, OUP, 2008
6. Various audio and video material (on Merlin)





METHODOLOGY OF THE IMPLEMENTATION OF THE COURSE PLAN

1. LECTURES

Lectures follow material given on Merlin. Grammar topics rely on the book **English Grammar in Use**. Grammar and syntax are being explained during lectures, especially topics relevant to non-native speakers of English. Various language functions are being explained during the lectures (questions, imperatives, obligations) which are especially important for Aviation English as a language for specific purposes. Aviation English terminology is being presented.

2. AUDITORIAL EXERCISES

The primary function of the auditory exercises is to practice speaking skills (actively and passively). Audio materials are being used. Main language skills are being practiced: speaking, listening, reading, understanding and writing (with the emphasis on the two first mentioned.) Since grammatical structures are to be practiced as well, the students will be given various grammatical exercises for work at home and in the class as well.

Students are provided by complete authorized instructional material in print form.

Students exercise reading, the emphasis being put on correct pronunciation and accent. Specific language functions (asking questions, finding information, giving advice and orders etc.) are dealt with in detail.





3. DOCUMENTATION

Kept electronic records of presence in lectures and exercises (students carry out records using student cards). There is a paper and electronic record database in Excel for all student. All written exams are being kept at the Department of aeronautics.

4. SCORING SYSTEM

Table 1 The scoring system for the monitoring of students and explained credit values in ECTS credits

no	Segment:	Required credits to be achieved:		Remark:	ECTS credits
		Min.	Max.		
1.	Presence in lectures				0.2
2.	3 homeworks				0.2
4.	2 quizzes = written exam				0.3
5.	Oral exam				0.3
Σ					1





Table 2 - Explanation of the credit values in evaluations:

Achieved % in the written exam	Grade
95 - 100%	Excellent (5)
88 - 94 %	Very good (4)
81 - 87 %	Good (3)
75 - 80%	Sufficient (2)

Information for students (scoring system, implementation plan, learning outcomes, syllabus, literature, consulting teachers, announcement of results of examinations or colloquium, and all other information):

- <http://www.fpz.unizg.hr>

