



## UNDERGRADUATE STUDY: **AERONAUTICS**

### **SEMESTER (VI)**

### **Syllabus**

Academic year 2023/2024

Course:		<b>Aviation English V</b>			
Head of course: <b>Ivana Francetić, B.A.</b>					
Co-lecturers:					
Semester: <b>VI</b>	Course code: <b>93759</b>	Lectures: <b>15</b>	Auditory exercises: <b>15</b>	Laboratory exercises:	ECTS credits: <b>3</b>
Group for lectures: <b>25 students</b>			Group for auditory and laboratory exercises: <b>25 students</b>		

#### **Objective of the course:**

- Provide knowledge and information necessary to demonstrate at least Level 4 according to ICAO English Level Proficiency Testing descriptors.

#### **Learning outcomes:**

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

1. Analyse aviation accidents and incidents, possible causes and consequences to the development of air traffic (Milan Linatè accident, Uberlingen mid-air collision) in the English language.
2. Use complex grammatical and language structures (conditional clauses, “causative have”, impersonal passive, prepositions, adjectives, idioms, relative clauses and pronouns) in Aviation English texts
3. Translate precisely from Croatian into English, texts on Aviation topics in accordance with the ICAO language descriptors, using glossaries and dictionaries (according to ICAO English Language Proficiency Requirements (Level 5) and Common European Framework of Reference for Languages B2/C1)
4. Actively participate in class discussions on aviation industry topics, react on mistakes made by other students, provide answers and accept other students’ opinions.
5. Analyse, independently, in pairs and in a group, texts from the professional literature in English (runway incursion, safety standards)
6. Interpret and argue the content of texts using professional terminology in English and commence and have a meaningful conversation with other students about a given topic (remote control tower, airport design).



## LECTURES and EXERCISES

Week	Syllabus	Form of classes	Performed by	Lessons	Remark
1.	<ul style="list-style-type: none"> <li>Introduction</li> <li>Standards for safety – language barrier</li> </ul>	L	Ivana Francetić	1	
	<ul style="list-style-type: none"> <li>Interrogative words and phrases</li> </ul>	AE	Ivana Francetić	2	
2.	<ul style="list-style-type: none"> <li>Linate Airport Disaster</li> </ul>	L	Ivana Francetić	1	
	<ul style="list-style-type: none"> <li>Causative have</li> </ul>	AE	Ivana Francetić	2	
3.	<ul style="list-style-type: none"> <li>Runway clear</li> </ul>	L	Ivana Francetić	1	
	<ul style="list-style-type: none"> <li>Conditionals</li> </ul>	AE	Ivana Francetić	2	
4.	<ul style="list-style-type: none"> <li>What qualities make a good air traffic controller?</li> </ul>	L	Ivana Francetić	1	
	<ul style="list-style-type: none"> <li>Physical characteristics</li> </ul>	AE	Ivana Francetić	2	
5.	<ul style="list-style-type: none"> <li>Uberlingen mid-air collision</li> </ul>	L	Ivana Francetić	1	



	<ul style="list-style-type: none"> <li>Modal verbs</li> <li>Describing events in the past</li> </ul>	AE	Ivana Francetić	2	
6.	<ul style="list-style-type: none"> <li>Airport layout</li> </ul>	L	Ivana Francetić	1	
	<ul style="list-style-type: none"> <li>Interrogatives</li> <li>Passive</li> </ul>	AE	Ivana Francetić	2	
7.	<ul style="list-style-type: none"> <li>Airport layout ctd.</li> </ul>	L	Ivana Francetić	1	
	<ul style="list-style-type: none"> <li><b>Intersemestral quiz 1</b></li> </ul>	AE	Ivana Francetić	2	
8.	<ul style="list-style-type: none"> <li>Technology: Aviation airports switch to virtual control towers</li> </ul>	L	Ivana Francetić	1	
	<ul style="list-style-type: none"> <li>Prepositions, Homophones</li> <li>Easily confused words</li> </ul>	AE	Ivana Francetić	2	
9.	<ul style="list-style-type: none"> <li>Technology: Remote towers technology</li> </ul>	L	Ivana Francetić	1	
	<ul style="list-style-type: none"> <li>Cause and effect: asking for reasons and explaining why</li> <li>States and changed states Phrasal verbs</li> </ul>	AE	Ivana Francetić	2	
10.	<ul style="list-style-type: none"> <li>Visiting Zagreb Tower</li> </ul>	L	Ivana Francetić	1	



	<ul style="list-style-type: none"> <li>Giving advice using <i>should</i></li> <li>Adverbs</li> </ul>	AE	Ivana Francetić	2	
11.	<ul style="list-style-type: none"> <li>Communication: ICAO Standard Phraseology</li> </ul>	L	Ivana Francetić	1	
	<ul style="list-style-type: none"> <li>Reported speech</li> <li>Conjunctions and function words</li> </ul>	AE	Ivana Francetić	2	
12.	<ul style="list-style-type: none"> <li>Lost: Performance Based Navigation</li> </ul>	L	Ivana Francetić	1	
	<ul style="list-style-type: none"> <li>Phrasal verbs</li> <li>Summarising</li> </ul>	AE	Ivana Francetić	2	
13.	<ul style="list-style-type: none"> <li>Safety: From Homo Sapiens to Homo Sospitas</li> </ul>	L	Ivana Francetić	1	
	<ul style="list-style-type: none"> <li>Reported speech</li> </ul>	AE	Ivana Francetić	2	
14.	<ul style="list-style-type: none"> <li>Safety: From Homo Sapiens to Homo Sospitas ctd.</li> </ul>	L	Ivana Francetić	1	
	<ul style="list-style-type: none"> <li><b>Intersemestral quiz 2</b></li> </ul>	AE	Ivana Francetić	2	
15.	<ul style="list-style-type: none"> <li>Checking homework, seminar paper</li> </ul>	L	Ivana Francetić	1	



	<ul style="list-style-type: none"><li>Listening to test samples. Discussion. Mock testing</li></ul>	AE	Ivana Francetić	2	
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**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 write a seminar paper on a certain aviation related topic (2500 words) and present it in front of the class a (lasting around 5-10 minutes). 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 have attended classes regularly.

**Oral exam:** To attend the oral part of the 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. Philip Shawcross: Flightpath, Aviation English for Pilots and ATCOs, CUP, Cambridge, 2011
3. Martin Hewings: Advanced Grammar in Use, CUP, Cambridge (the latest edition)
4. Additional materials brought to the class by the lecturer (audio and video materials)

### b) Recommended literature:

1. Professional magazines, books, internet websites;
2. Various dictionaries and glossaries (general English, Aviation English)





## METHODOLOGY OF THE IMPLEMENTATION OF THE COURSE PLAN

### 1. LECTURES

At the lectures basic air traffic control topics are discussed and specific aviation terminology in English is being addressed. Various language functions, particularly relevant to radiotelephony communication in the aeronautical context (questions, orders, prohibitions, etc.) are explained. If necessary, the specifics of English grammar and syntax are explained, which makes the problems for non-native speakers. Before moving on to a new topic, students may receive an unannounced 5-minute multiple choice or cloze test, short dictation, translation, assignment to write a summary of a more extensive text or topic, etc.

### 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.) especially taking into consideration the role of English in radiotelephony communication.

A) language functions are being rehearsed (asking questions, finding information, giving advice and orders etc.

B) Specific aviation terminology and concrete vocational problems are dealt with in detail.

C) Students exercise reading, the emphasis being put on correct pronunciation and accent.

D) students are required to write a seminar paper on a certain aviation related topic (2500 words), the work is then presented in front of the class a (lasting around 5-10 minutes) and discussed by the class.





## 5. 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 students. All written exams are being kept at the Department of Aeronautics.

## 6. 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				1
3.	Presentation of seminar paper				1
4.	2 quizzes = written exam				1
5.	Oral exam				1
Σ					4







**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>

