



INTERNATIONAL
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PR/CL/001



E.T.S.I Aeronáutica y del
Espacio

ANX-PR/CL/001-01

LEARNING GUIDE

SUBJECT

145012003 - English For Aeronautical Communication I

DEGREE PROGRAMME

14GY - Grado En Gestión Y Operaciones Del Transporte Aéreo

ACADEMIC YEAR & SEMESTER

2025/26 - Semester 2

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1. Description

1.1. Subject details

Name of the subject	145012003 - English For Aeronautical Communication I
No of credits	6 ECTS
Type	Compulsory
Academic year of the programme	First year
Semester of tuition	Semester 2
Tuition period	February-June
Tuition languages	English
Degree programme	14GY - Grado en Gestión y Operaciones del Transporte Aéreo
Centre	14 - E.T.S.I. Aeronáutica Y Del Espacio
Academic year	2025-26

2. Faculty

2.1. Faculty members with subject teaching role

Name and surname	Office/Room	Email	Tutoring hours *
Dulcinea Tomas Camara	B-106	dulcinea.tomas@upm.es	Sin horario. Sin horario.
Maria Dolores Camacho Diaz (Subject coordinator)	A-265	m.camacho.diaz@upm.es	M - 17:00 - 18:30 Tu - 10:30 - 12:00 La profesora Mariló Camacho Díaz atenderá cualquier duda tanto por correo electrónico como de forma presencial.

* The tutoring schedule is indicative and subject to possible changes. Please check tutoring times with the faculty member in charge.

3. Prior knowledge recommended to take the subject

3.1. Recommended (passed) subjects

The subject - recommended (passed), are not defined.

3.2. Other recommended learning outcomes

- A combination of general language proficiency and basic academic skills in English: at least a B1+ level, ideally B2, along with the ability to engage with academic content in English.

4. Skills and learning outcomes *

4.1. Skills to be learned

CB03 - Que los estudiantes tengan la capacidad de reunir e interpretar datos relevantes (normalmente dentro de su área de estudio) para emitir juicios que incluyan una reflexión sobre temas relevantes de índole social, científica o ética

CT02 - Capacidad para el uso de la lengua inglesa

CT07 - Habilidad para la comunicación oral y escrita

CT09 - Razonamiento crítico y capacidad de asociación que posibiliten el aprendizaje continuo

4.2. Learning outcomes

RA71 - RA02.- Puede relacionarse con hablantes nativos con un grado suficiente de fluidez y naturalidad de modo que la comunicación se realice sin esfuerzo por parte de ninguno de los interlocutores

RA88 - Es capaz de comunicarse oralmente y por escrito en inglés en situaciones no rutinarias a nivel CEFLR B.1.2/ OACI -3

RA73 - RA71 - RA02.- Puede relacionarse con hablantes nativos con un grado suficiente de fluidez y naturalidad de modo que la comunicación se realice sin esfuerzo por parte de ninguno de los interlocutores RA72 - RA02.- Puede relacionarse con hablantes nativos con un grado suficiente de fluidez y naturalidad de modo que la comunicación se realice sin esfuerzo por parte de ninguno de los interlocutores. RA03.- Puede producir textos claros y detallado sobre temas diversos así como defender un punto de vista sobre temas generales indicando los pros y los contras de las distintas opciones

RA15 - Aplica adecuadamente la fraseología aeronáutica aplicada a los servicios de control de tráfico aéreo

RA19 - Aplica adecuadamente la fraseología aeronáutica utilizada en las comunicaciones de pilotos de línea de transporte aéreo

* The Learning Guides should reflect the Skills and Learning Outcomes in the same way as indicated in the Degree Verification Memory. For this reason, they have not been translated into English and appear in Spanish.

5. Brief description of the subject and syllabus

5.1. Brief description of the subject

The main objective of the course is to ensure that students acquire the set of skills and competencies in the English language necessary for their communicative proficiency to meet the descriptors established at level 4 (Operational) of the ICAO Rating Scale. The course is also designed to prepare students for the English language proficiency test as outlined in Order FOM/896/2010, dated April 6, 2010, BOE April 13, 2010.

The course is part of a module that includes the subject 'Aviation English II,' which will be taught in the second semester of the third year of this degree program. Therefore, the final objective mentioned is expected to be achieved by the end of this second part of the module. Upon completion of this course, the communicative competencies acquired will be at least at the CEFR levels 1.2 / ICAO level 3.

The method used ("Aviation English" by Emery & Roberts, Macmillan) focuses on mastering the linguistic elements

and skills required for effective communication in non-routine situations. The study of standardized phraseology is planned for other educational situations within the degree programme. However, this course aims to provide an initial introduction to this phraseology using appropriate materials. These contents will be complemented with materials designed to practice the vocabulary and communicative functions characteristic of aviation English

5.2. Syllabus

1. RUNWAY INCURSION

1.1. Reading/Listening/Speaking

1.2. Pronunciation: ICAO alphabet & Numbers

1.3. Asking for information / Describing actions and position

1.3.1. Vocabulary: Communicatio. Verbs describing actions and position . Prepositions

2. Lost

2.1. Reading/ Listening/ Speaking

2.2. Pronunciation: past tense endings/ Confirming and disconfirming

2.3. Explaining abbreviations

2.3.1. Vocabulary: Navigation/Co-ordinates/Topographical features

3. Technology

3.1. Reading/Listening/Speaking

3.2. Pronunciation: occlusive phoneme / Sentence stress

3.3. Expressing purpose/ Saying thing another way /Giving instructions

3.3.1. Vocabulary: Safety/ The instrument panel

4. Animals

4.1. Reading/Listening/Speaking

4.2. Pronunciation: Word ending/ Sentence stress 2

4.3. Expressing necessity, preferences and unknown words

4.3.1. Vocabulary: Security measures/ Cargo

5. Gravity

5.1. Reading/Listening/Speaking

5.2. Pronunciation:Tonic stress

5.3. Explaining how something works/ Comparing and contrasting/ Expressing difficulty and offering help

5.3.1. Manoeuvring an aircraft/ Aerobatics: units of measurement

6. Health

6.1. Reading/Listening/Speaking

6.2. Pronunciation: Consonant cluster/Intonation of lists

6.3. Expressing cause and effect/ Making suggestions and giving advice/ Giving and asking for updates

6.3.1. Vocab:Medical emergencies/ Symptoms of stress

7. Fire

7.1. reading/Listening/Speaking

7.2. Pronunciation: /s/ or /z/;

7.3. Obligation, prohibition and permission/ Orders and requests/ Identifying and responding to problems

7.3.1. Collocations related to fire/ Verbs for describing fire/ Electrical problems

8. Meteorology

8.1. Reading/Listening/Speaking

8.2. Pronunciation: ? / ?/ ?? /

8.3. Changing the stress of adjectives/ Results and consequences: repeating information/ Warnings

8.3.1. Weather words

9. Landings

9.1. Reading/Listening/ Speaking

9.2. Consonant cluster 2

9.3. Describing sensory impressions/ Describing 3-Dposition and movement/ Resolving misunderstanding

9.3.1. Landing gear and breaking/ Verbs of movement

10. Fuel

10.1. Reading/Listening/ Speaking

10.2. Information groups / Long and short vowel sounds

10.3. Suggesting solutions to problems/ Expressing expectations

10.3.1. Prefixes /Fuel collocations

11. Pressure

11.1. Reading/ Listening /Speaking

11.2. Pronunciation: Diphthongs/Contrastive stress

11.3. Expressing time and duration/Summarizing/Expressing consequences

11.3.1. Action verbs/ Types of damage

12. Security

12.1. Reading/ Listening/ Speaking

12.2. Pronunciation : -tion/ -sion/- cion endings/Information groups and stress

12.3. Focusing on actions/ Expressing possibility and probability/ Reporting

12.3.1. Conflict and restrain /Strange behaviour

6. Schedule

6.1. Subject schedule*

Week	Type 1 activities	Type 2 activities	Distant / On-line	Assessment activities
1	<p>Presentación de la asignatura. Introducción de los contenidos en el contexto profesional Duration: 02:00 Lecture</p> <p>Tema 1 : Runway incursions . Sections 1&2 Duration: 02:00 Problem-solving class</p>			
2	<p>Tema 1. Runway incursions Sections 3&4 Duration: 02:00 Problem-solving class</p> <p>Tema 2. Sections 1&2 Duration: 02:00 Problem-solving class</p>			
3	<p>Tema 2 Sections 3&4 Duration: 02:00 Problem-solving class</p> <p>Tema 3 .Sections 1&2 Duration: 02:00 Problem-solving class</p>			
4	<p>Tema 3. Sections 3&4 Duration: 02:00 Problem-solving class</p> <p>Tema 4 Sections 1&2 Duration: 02:00 Problem-solving class</p>			
5	<p>Tema 4 Sections 3&4 Duration: 02:00 Problem-solving class</p> <p>Tema 5 Sections 1&2 Duration: 02:00 Problem-solving class</p>			
6	<p>Tema 5 Sections 3&4 Duration: 02:00 Problem-solving class</p> <p>Tema 6 Sections 1&2 Duration: 02:00 Problem-solving class</p>			

7	<p>Tema 6 Sections 3&4 Duration: 02:00 Problem-solving class</p> <p>Revision. Units 1-6 Duration: 02:00 Problem-solving class</p>			
8	<p>Tema 7. Sections 1&2 Duration: 02:00 Problem-solving class</p>			<p>Examen Temas 1-6. One listening exercise focused on technical vocabulary, one text comprehension exercise with follow-up questions on the content, and an essay to build a National Transportation Safety Board report based on a topic covered in class..</p> <p>Problem-solving test Progressive assessment Presential Duration: 02:00</p>
9	<p>Tema 7 Sections 3&4 Duration: 02:00 Problem-solving class</p> <p>Tema 8 Sections 1&2 Duration: 02:00 Problem-solving class</p>			
10	<p>Tema 8 Sections 3&4 Duration: 02:00 Problem-solving class</p> <p>Tema 9 Sections 1&2 Duration: 02:00 Problem-solving class</p>			
11	<p>Tema 9 Sections 3&4 Duration: 02:00 Problem-solving class</p> <p>Tema 10 Sections 1&2 Duration: 02:00 Problem-solving class</p>			
12	<p>Tema 10 Sections 3&4 Duration: 02:00 Problem-solving class</p> <p>Tema 11 Sections 1&2 Duration: 02:00 Problem-solving class</p> <p>Tema 11 Sections 3&4 Duration: 02:00 Problem-solving class</p>			
13				
14	<p>Tema 12 Sections 1&2 Duration: 02:00 Problem-solving class</p>			

15	Tema 12 Sections 3&4 Duration: 02:00 Problem-solving class			
16				<p>Examen Temas 7-12 One listening exercise focused on technical vocabulary, one text comprehension exercise with follow-up questions on the content, and an essay to build a National Transportation Safety Board report based on a topic covered in class..</p> <p>Problem-solving test Progressive assessment Presential Duration: 02:00</p>
17				<p>One listening exercise, one text comprehension exercise, and one NTSB report. (Units 1-12 from the manual).</p> <p>Problem-solving test Global examination Presential Duration: 02:00</p>

Depending on the programme study plan, total values will be calculated according to the ECTS credit unit as 26/27 hours of student face-to-face contact and independent study time.

7. Activities and assessment criteria

7.1. Assessment activities

7.1.1. Assessment

Week	Description	Modality	Type	Duration	Weight	Minimum grade	Evaluated skills
8	Examen Tems 1-6. One listening exercise focused on technical vocabulary, one text comprehension exercise with follow-up questions on the content, and an essay to build a National Transportation Safety Board report based on a topic covered in class..	Problem-solving test	Face-to-face	02:00	50%	5 / 10	CB03 CT02 CT07 CT09
16	Examen Tems 7-12 One listening exercise focused on technical vocabulary, one text comprehension exercise with follow-up questions on the content, and an essay to build a National Transportation Safety Board report based on a topic covered in class..	Problem-solving test	Face-to-face	02:00	50%	5 / 10	CB03 CT02 CT07 CT09

7.1.2. Global examination

Week	Description	Modality	Type	Duration	Weight	Minimum grade	Evaluated skills
17	One listening exercise, one text comprehension exercise, and one NTSB report. (Units 1-12 from the manual).	Problem-solving test	Face-to-face	02:00	100%	5 / 10	CB03 CT02 CT07 CT09

7.1.3. Referred (re-sit) examination

Description	Modality	Type	Duration	Weight	Minimum grade	Evaluated skills
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One listening exercise, one text comprehension exercise, and one NTSB report. (Units 1-12 from the manual).	Problem-solving test	Face-to-face	02:00	100%	5 / 10	CB03 CT02 CT07 CT09
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7.2. Assessment criteria

"Students enrolled in the course through continuous assessment will take two intermediate elimination tests. The final grade will be based on the results of the exams, distributed as follows:

Test 1: Units 1-6 (50%).

Test 2: Units 7-12 (50%).

To obtain a final passing grade students must pass both tests. If one of the two exams is failed, it must be retaken in the final ordinary exam. The grade of students taking the course by final exam will be the result of this exam.

Students who attend at least 80% of the classes and pass all partial exams (Tests 1 and 2) in the continuous assessment (without needing to attend the final exam), achieving an average grade of 7.0 or higher, will have their final grade increased by 10% of the initial grade obtained.

The teaching methodology of this in-person course follows a communicative approach. To achieve this, most activities are interactive and aim to create a teaching/learning environment that fosters the mutual enrichment of skills and content. It seems reasonable that the grade reflects the effort of those students who most contribute to achieving this objective."

8. Teaching resources

8.1. Teaching resources for the subject

Name	Type	Notes
EMERY & ROBERTS. Aviation English	Bibliography	Texto didáctico básico de la asignatura
HOLGADO, JM. SOLUCIONES LINGÜÍSTICAS y COMUNICACIONES AERONÁUTICAS. Radiotelefonía de Control de Trafico Aéreo	Bibliography	Presentación para la contextualización de la asignatura y sus contenidos
SHAWCROSS, Philip (2011). Flightpath. Aviation English for Pilots and ATCOs. Cambridge UP.	Bibliography	Referencia
HINTON, Judith et al. (2006) Manual de Comunicaciones Aeronáuticas . Cockpit Studio ed Bibliografía	Bibliography	Referencia
ROBERTSON, Fiona (2003) AIRSPEAK Radiotelephony Communication for Pilots . prentice Hall International	Bibliography	Referencia
Manual on the Implementation of ICAO Language Proficiency Requirements Doc 9835 AN/453 International Civil Aviation Organization First Edition . 2004	Bibliography	Normativa básica fundamental orientadora de la asignatura
ICAO's Report of the LPRs Technical Seminar	Bibliography	Normativa OACI relevante
Orden FOM/896/2010, de 6 de abril, por la que se regula el requisito de competencia lingüística y su evaluación	Bibliography	Normativa nacional

Materiales audiovisuales de apoyo. Video incidentes y accidentes; ASRS/ National Geographic Aircraft accidents and incidents. etc..	Web resource	Material audiovisual
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9. Other information

9.1. Other information about the subject

Although the intermediate assessment tests (midterm exams) are scheduled for weeks 8 and 16, their administration will always be subject to the monitoring of the content assigned to each of them. If there is any slight variation in the dates, it will be announced in advance with personal notification to each enrolled student. In any case, the exams will always take place during the class hours assigned to the course