

# ANX-PR/CL/001-01

## LEARNING GUIDE

### SUBJECT

**103000878 - Human-computer Interaction Seminars I**

### DEGREE PROGRAMME

10AZ - Master Universitario En Innovación Digital

### ACADEMIC YEAR & SEMESTER

2020/21 - Semester 1

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## 1. Description

### 1.1. Subject details

<b>Name of the subject</b>	103000878 - Human-Computer Interaction Seminars I
<b>No of credits</b>	2 ECTS
<b>Type</b>	Optional
<b>Academic year of the programme</b>	First year
<b>Semester of tuition</b>	Semester 1
<b>Tuition period</b>	September-January
<b>Tuition languages</b>	English
<b>Degree programme</b>	10AZ - Master Universitario en Innovación Digital
<b>Centre</b>	10 - Escuela Tecnica Superior De Ingenieros Informaticos
<b>Academic year</b>	2020-21

## 2. Faculty

### 2.1. Faculty members with subject teaching role

<b>Name and surname</b>	<b>Office/Room</b>	<b>Email</b>	<b>Tutoring hours *</b>
Loic Antonio Martinez Normand	3352	loic.mnormand@upm.es	Tu - 13:00 - 15:00 W - 13:00 - 15:00 F - 13:00 - 15:00 Se recomienda pedir cita previa por correo electrónico.
Cristian Moral Martos (Subject coordinator)	5110	cristian.moral@upm.es	M - 10:00 - 12:00 M - 14:00 - 15:00 W - 12:00 - 15:00 Se recomienda pedir cita previa por

			correo electrónico.
Elena Villalba Mora	5110	elena.villalba@upm.es	M - 10:00 - 12:00 W - 10:00 - 12:00 F - 10:00 - 12:00 Se recomienda pedir cita previa por correo electrónico.

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

### 3. Skills and learning outcomes \*

#### 3.1. Skills to be learned

CB06 - Poseer y comprender conocimientos que aporten una base u oportunidad de ser originales en el desarrollo y/o aplicación de ideas, a menudo en un contexto de investigación

CB07 - Que los estudiantes sepan aplicar los conocimientos adquiridos y su capacidad de resolución de problemas en entornos nuevos o poco conocidos dentro de contextos más amplios (o multidisciplinares) relacionados con su área de estudio

CB09 - Que los estudiantes sepan comunicar sus conclusiones y los conocimientos y razones últimas que las sustentan a públicos especializados y no especializados de un modo claro y sin ambigüedades

CE-DIPO05 - Capacidad para utilizar un enfoque de diseño centrado en el usuario para la superación de los retos organizativos y de negocio con una mentalidad empresarial

CG05 - Comprensión de los principios de la gestión de proyectos, riesgo y cambio, así como poseer la capacidad de aplicar metodologías y procesos para gestionar proyectos y mitigar los riesgos.

CG06 - Capacidad para gestionar la información.

### 3.2. Learning outcomes

RA17 - Acquire specialized knowledge from innovative fields of studies

RA14 - Apply the acquired knowledge in real contexts

RA15 - Understand how user-centred design methods are used in non-academic environments

RA16 - Understand the relevance of continuing education

\* 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.

## 4. Brief description of the subject and syllabus

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### 4.1. Brief description of the subject

The course includes a set of seminars to deeply work around concrete edge topics related to User Experience (UX) in general; and Adaptive and Accessible Interaction in particular.

The seminars can be of two types: visits held by external institutions and master classes taught by experts.

In the seminars, students will work on topics like Analysis and specification of the context of use, Design of solutions for people with disabilities in their daily life, Evaluation of the usability and accessibility of specific systems, Ubiquitous Computing, Brain-Computer Interaction, or Data Mining or eHealth.

## 4.2. Syllabus

1. Seminar 1
2. Seminar 2
3. Seminar 3
4. Seminar 4

## 5. Schedule

### 5.1. Subject schedule\*

Week	Face-to-face classroom activities	Face-to-face laboratory activities	Distant / On-line	Assessment activities
1			<b>Seminar 1</b> Duration: 02:00	
2			<b>Seminar 1</b> Duration: 03:00	
3				<b>Report of Seminar 1</b>  Continuous assessment and final examination Not Presential Duration: 05:00
4			<b>Seminar 2</b> Duration: 03:00	
5			<b>Seminar 2</b> Duration: 02:00	
6				<b>Report of Seminar 2</b>  Continuous assessment and final examination Not Presential Duration: 05:00
7			<b>Seminar 3</b> Duration: 03:00	
8			<b>Seminar 3</b> Duration: 02:00	
9				<b>Report of Seminar 3</b>  Continuous assessment and final examination Not Presential Duration: 05:00
10			<b>Seminar 4</b> Duration: 03:00	
11			<b>Seminar 4</b> Duration: 02:00	

12				<b>Report of Seminar 4</b>  Continuous assessment and final examination Not Presential Duration: 05:00
13				
14				
15				
16				<b>Active participation</b>  Continuous assessment and final examination Presential Duration: 00:00
17				

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.

\* The schedule is based on an a priori planning of the subject; it might be modified during the academic year, especially considering the COVID19 evolution.



## 6. Activities and assessment criteria

### 6.1. Assessment activities

#### 6.1.1. Continuous assessment

Week	Description	Modality	Type	Duration	Weight	Minimum grade	Evaluated skills
3	Report of Seminar 1		No Presential	05:00	20%	/ 10	CB06 CE-DIPO05 CB07 CB09 CG05 CG06
6	Report of Seminar 2		No Presential	05:00	20%	/ 10	CB06 CE-DIPO05 CB07 CB09 CG05 CG06
9	Report of Seminar 3		No Presential	05:00	20%	/ 10	CB06 CE-DIPO05 CB07 CB09 CG05 CG06
12	Report of Seminar 4		No Presential	05:00	20%	/ 10	CB06 CE-DIPO05 CB07 CB09 CG05 CG06
16	Active participation		Face-to-face	00:00	20%	/ 10	CB06 CG05 CG06 CB09 CE-DIPO05 CB07

#### 6.1.2. Final examination

Week	Description	Modality	Type	Duration	Weight	Minimum grade	Evaluated skills
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3	Report of Seminar 1		No Presential	05:00	20%	/ 10	CB06 CE-DIPO05 CB07 CB09 CG05 CG06
6	Report of Seminar 2		No Presential	05:00	20%	/ 10	CB06 CE-DIPO05 CB07 CB09 CG05 CG06
9	Report of Seminar 3		No Presential	05:00	20%	/ 10	CB06 CE-DIPO05 CB07 CB09 CG05 CG06
12	Report of Seminar 4		No Presential	05:00	20%	/ 10	CB06 CE-DIPO05 CB07 CB09 CG05 CG06
16	Active participation		Face-to-face	00:00	20%	/ 10	CB06 CG05 CG06 CB09 CE-DIPO05 CB07

### 6.1.3. Referred (re-sit) examination

No se ha definido la evaluación extraordinaria.

## 6.2. Assessment criteria

Attendance at seminars is mandatory. If a seminar is missed, the assessment activities related to it (active participation and report/essay) will be graded with a 0/10.

Both continuous and final examination can only be done if the student attends the seminars. This implies that referred examination is not possible in this course.

The assessment will be made based on the following criteria:

- Ability to effectively communicate with others.
- Ability to debate and reason own ideas and decisions.
- Ability to understand concepts.
- Ability to adapt to real contexts
- Ability to write professional reports
- Responsibility and ethical aspects

## 7. Other information

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### 7.1. Other information about the subject

**Note 1:** Please bear in mind tutoring hours may change along the course. Please, ask for an appointment in advance.

**Note 2:** Due to the nature of the activities performed in the course, where external professionals are implied, the exact planning will be concreted during the course.

## 8. Adendas

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- The number of seminars has increased from 4 to 5. The weight of the seminars has also changed to adapt to their duration and to include the evaluation of the new seminar. The new weights are the following: Seminar 1 (25%), Seminar 2 (12,5%), Seminar 3 (12,5%), Seminar 4 (25%), Seminar 5 (25%). The active participation will be evaluated as part of the grade of each seminar.