



POLITÉCNICA

INTERNATIONAL
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COORDINATION PROCESS OF
LEARNING ACTIVITIES
PR/CL/001



E.T.S. de Ingenieros
Informáticos

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

2019/20 - Semester 1

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1. Description

1.1. Subject details

Name of the subject	103000878 - Human-computer Interaction Seminars I
No of credits	2 ECTS
Type	Optional
Academic year of the programme	First year
Semester of tuition	Semester 1
Tuition period	September-January
Tuition languages	English
Degree programme	10AZ - Master Universitario en Innovación Digital
Centre	10 - Escuela Tecnica Superior de Ingenieros Informaticos
Academic year	2019-20

2. Faculty

2.1. Faculty members with subject teaching role

Name and surname	Office/Room	Email	Tutoring hours *
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

4.1. Brief description of the subject

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

There are two types of activities: visits held by external institutions and seminars taught by experts in the UPM.

Two visits will take place at the premises of external institutions. In these visits students will work on topics like analysing and specifying the context of use, designing solutions for people with disabilities in their daily life, or evaluating the usability and accessibility of specific systems.

Besides, UPM will held two seminars inviting experts on relevant topics like Ubiquitous Computing, Brain-Computer Interaction, Data Mining or eHealth.

4.2. Syllabus

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

5. Schedule

5.1. Subject schedule*

Week	Face-to-face classroom activities	Face-to-face laboratory activities	Other face-to-face activities	Assessment activities
1				
2				
3				
4				
5				
6			Visit 1 Duration: 05:00	
7				Report of visit 1 Continuous assessment and final examination Duration: 03:00
8			Visit 2 Duration: 05:00	
9				Report of visit 2 Continuous assessment and final examination Duration: 03:00
10	Seminar 1 Duration: 03:00			
11	Seminar 1 Duration: 02:00			
12				Essay related to seminar 1 Continuous assessment and final examination Duration: 03:00
13	Seminar 2 Duration: 03:00			
14	Seminar 2 Duration: 02:00			
15				Essay related to seminar 2 Continuous assessment and final examination Duration: 03:00

16				Active participation Continuous assessment and final examination Duration: 00:00
17				

The independent study hours are training activities during which students should spend time on individual study or individual assignments.

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 subject schedule is based on a previous theoretical planning of the subject plan and might go through experience some unexpected changes along throughout the academic year.

6. Activities and assessment criteria

6.1. Assessment activities

6.1.1. Continuous assessment

Week	Description	Modality	Type	Duration	Weight	Minimum grade	Evaluated skills
7	Report of visit 1		No Presential	03:00	20%	/ 10	CB06 CG05 CG06 CB09 CE-DIPO05 CB07
9	Report of visit 2		No Presential	03:00	20%	/ 10	CB06 CG05 CG06 CB09 CE-DIPO05 CB07
12	Essay related to seminar 1		No Presential	03:00	20%	/ 10	CB06 CG05 CG06 CB09 CE-DIPO05 CB07
15	Essay related to seminar 2		No Presential	03:00	20%	/ 10	CB06 CG05 CG06 CB09 CE-DIPO05 CB07
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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7	Report of visit 1		No Presential	03:00	20%	/ 10	CB06 CG05 CG06 CB09 CE-DIPO05 CB07
9	Report of visit 2		No Presential	03:00	20%	/ 10	CB06 CG05 CG06 CB09 CE-DIPO05 CB07
12	Essay related to seminar 1		No Presential	03:00	20%	/ 10	CB06 CG05 CG06 CB09 CE-DIPO05 CB07
15	Essay related to seminar 2		No Presential	03:00	20%	/ 10	CB06 CG05 CG06 CB09 CE-DIPO05 CB07
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 visits and seminars is mandatory. If a visit or 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 visits and 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

7.1. Other information about the subject

Note: please bear in mind tutoring hours may change along the course. Please, ask for an appointment in advance. This planning is done with the current available resources. In case this vary, an addendum will be included to the present learning guide.