

804053 - BETMA3-M - Area of Specialisation: Applied Multimedia Technologies III

Coordinating unit: 804 - CITM - Image Processing and Multimedia Technology Centre
 Teaching unit: 804 - CITM - Image Processing and Multimedia Technology Centre
 Academic year: 2019
 Degree: BACHELOR'S DEGREE IN MULTIMEDIA STUDIES (Syllabus 2009). (Teaching unit Optional)
 ECTS credits: 6 Teaching languages: Catalan

Teaching staff

Coordinator: JORDI MARCO GOMEZ, MARIA JOSE LOPEZ LOPEZ

Degree competences to which the subject contributes

Specific:

CEM 18.2. (ENG) Aplicar nous coneixements teòrics i pràctics, relacionats amb la creació de continguts i aplicacions interactives multimèdia orientades al seu ús als àmbits de: la formació, la salut, l'oci o l'entreteniment i els negocis i activitats professionals.

CEM 3.1. (ENG) Plantejar, dissenyar i resoldre problemes en forma algorítmica.

CEM 3.2. (ENG) Programar en un llenguatge d'alt nivell.

CEM 3.3. (ENG) Utilitzar diferents tecnologies i aplicar-les en forma òptima en els diferents escenaris.

CEM 14.7. (ENG) Aplicar los conceptos y principios de la gestión de proyectos multimedia.

Transversal:

07 AAT. SELF-DIRECTED LEARNING. Detecting gaps in one's knowledge and overcoming them through critical self-appraisal. Choosing the best path for broadening one's knowledge.

05 TEQ. TEAMWORK. Being able to work as a team player, either as a member or as a leader. Contributing to projects pragmatically and responsibly, by reaching commitments in accordance to the resources that are available.

Learning objectives of the subject

(eng)

Study load

Total learning time: 150h	Hours large group:	0h	0.00%
	Hours medium group:	60h	40.00%
	Hours small group:	0h	0.00%
	Guided activities:	0h	0.00%
	Self study:	90h	60.00%

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Content

(ENG)	Learning time: 30h Laboratory classes: 12h Self study : 18h
Description: (ENG)	
(ENG)	Learning time: 45h Laboratory classes: 18h Self study : 27h
Description: (ENG)	
(ENG)	Learning time: 20h Laboratory classes: 8h Self study : 12h
Description: (ENG)	
(ENG)	Learning time: 20h Laboratory classes: 8h Self study : 12h
Description: (ENG)	
5. Introducción a Android	Learning time: 35h Laboratory classes: 14h Self study : 21h
Description: (ENG) Specific objectives: (ENG)	

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Bibliography

Basic:

Sánchez Allende, Jesús. Programación en Java 2 . Madrid [etc.] : McGraw-Hill, cop. 2005. ISBN 8448145917.

Muñoz Caro, Camelia; Niño Ramos, Alfonso; Vizcaíno Barceló, Aurora. Introducción a la programación con orientación a objetos . Madrid [etc.] : Prentice Hall, cop. 2002. ISBN 8420534404.

Meier, Reto. Professional Android 4 application development . Updated for Android 4. Indianapolis : John Wiley & Sons, 2012. ISBN 9781118102275.

Others resources: