



# UNIVERSIDAD DE CASTILLA - LA MANCHA

## GUÍA DOCENTE

### 1. General information

**Course:** PLANIFICATION & BUDGET MANAGEMENT TOOLS

**Code:** 59336

**Type:** ELECTIVE

**ECTS credits:** 4.5

**Degree:** 315 - UNDERGRADUATE DEGREE IN BUILDING ENGINEERING

**Academic year:** 2023-24

**Center:** 308 - SCHOOL POLYTECHNIC OF CUENCA

**Group(s):** 30

**Year:** 4

**Duration:** C2

**Main language:** Spanish

**Second language:**

**Use of additional languages:**

**English Friendly:** Y

**Web site:**

**Bilingual:** N

**Lecturer:** NELIA VALVERDE GASCUEÑA - Group(s): 30

Building/Office	Department	Phone number	Email	Office hours
ESCUELA POLITÉCNICA DE CUENCA / Despacho 2.10	INGENIERÍA CIVIL Y DE LA EDIFICACIÓN	4878	nelia.valverde@uclm.es	

### 2. Pre-Requisites

Not established

### 3. Justification in the curriculum, relation to other subjects and to the profession

Not established

### 4. Degree competences achieved in this course

#### Course competences

Code	Description
E42	Knowledge of complementary subjects, both technological and humanistic, oriented to a certain specialization of open, multidisciplinary nature and with direct application in the professional field of a Building Engineer, open and sensitive to changes and new professional challenges that may arise.
G01	Ability for analysis and synthesis
G03	Ability to manage information
G05	Decision making
G06	Critical thinking
G12	Autonomous learning
G13	Adaptation to new conditions
G21	Command of Information and Communication Technologies (ICT)

### 5. Objectives or Learning Outcomes

#### Course learning outcomes

Description

Evaluation of the socio-environmental impact of the building to become aware of working in an integrated field, being sensitive to the possibility to participate in multidisciplinary initiatives with application of their specific professional capacity.

Acquire knowledge and skill in the use of computer tools that give the student a greater operational capacity of the knowledge acquired. Possibility of autonomously expanding these advances through the search for new applications or with the development of those already acquired.

Complement the basic and specific training oriented to a certain specialization of open, multidisciplinary nature and with direct application in the professional field.

#### Additional outcomes

### 6. Units / Contents

**Unit 1:**

**Unit 1.1**

**Unit 1.2**

**Unit 2:**

**Unit 2.1**

**Unit 2.2**

### 7. Activities, Units/Modules and Methodology

Training Activity	Methodology	Related Competences (only degrees before RD 822/2021)	ECTS	Hours	As	Com	Description
Class Attendance (practical) [ON-SITE]	Cooperative / Collaborative Learning	E42 G05 G06 G12 G13 G21	0.72	18	N	-	
Computer room practice [ON-SITE]	Guided or supervised work	E42 G01 G03 G21	0.72	18	N	-	

Study and Exam Preparation [OFF-SITE]	Self-study	E42 G01 G03 G05 G06 G12 G13 G21	2.7	67.5	N	-
Mid-term test [ON-SITE]	Assessment tests	E42 G01 G03 G05 G06 G12 G13 G21	0.24	6	Y	N
Final test [ON-SITE]	Assessment tests	E42 G01 G03 G05 G06 G12 G13 G21	0.12	3	Y	Y
<b>Total:</b>			<b>4.5</b>	<b>112.5</b>		
<b>Total credits of in-class work: 1.8</b>			<b>Total class time hours: 45</b>			
<b>Total credits of out of class work: 2.7</b>			<b>Total hours of out of class work: 67.5</b>			

As: Assessable training activity

Com: Training activity of compulsory overcoming (It will be essential to overcome both continuous and non-continuous assessment).

8. Evaluation criteria and Grading System			
Evaluation System	Continuous assessment	Non-continuous evaluation*	Description
Mid-term tests	40.00%	40.00%	
Final test	60.00%	60.00%	
<b>Total:</b>	<b>100.00%</b>	<b>100.00%</b>	

According to art. 4 of the UCLM Student Evaluation Regulations, it must be provided to students who cannot regularly attend face-to-face training activities the passing of the subject, having the right (art. 12.2) to be globally graded, in 2 annual calls per subject, an ordinary and an extraordinary one (evaluating 100% of the competences).

9. Assignments, course calendar and important dates	
Not related to the syllabus/contents	
Hours	hours
<b>Unit 1 (de 2):</b>	
<b>Activities</b>	<b>Hours</b>
Class Attendance (practical) [PRESENCIAL][Cooperative / Collaborative Learning]	9
Computer room practice [PRESENCIAL][Guided or supervised work]	9
Study and Exam Preparation [AUTÓNOMA][Self-study]	33.75
Mid-term test [PRESENCIAL][Assessment tests]	3
Final test [PRESENCIAL][Assessment tests]	1.5
Group 30:	
<b>Initial date:</b> 29-01-2024	<b>End date:</b> 20-03-2024
<b>Unit 2 (de 2):</b>	
<b>Activities</b>	<b>Hours</b>
Class Attendance (practical) [PRESENCIAL][Cooperative / Collaborative Learning]	9
Computer room practice [PRESENCIAL][Guided or supervised work]	9
Study and Exam Preparation [AUTÓNOMA][Self-study]	33.75
Mid-term test [PRESENCIAL][Assessment tests]	3
Final test [PRESENCIAL][Assessment tests]	1.5
Group 30:	
<b>Initial date:</b> 21-03-2024	<b>End date:</b> 17-05-2024
<b>Global activity</b>	
<b>Activities</b>	<b>hours</b>
Class Attendance (practical) [PRESENCIAL][Cooperative / Collaborative Learning]	18
Study and Exam Preparation [AUTÓNOMA][Self-study]	67.5
Final test [PRESENCIAL][Assessment tests]	3
Mid-term test [PRESENCIAL][Assessment tests]	6
Computer room practice [PRESENCIAL][Guided or supervised work]	18
<b>Total horas: 112.5</b>	

10. Bibliography and Sources						
Author(s)	Title/Link	Publishing house	City	ISBN	Year	Description
	Manual Cost-it 2022 <a href="http://www.rib-software.es/cost-it">http://www.rib-software.es/cost-it</a>				2022	
Mattos, A. y Valderrama, F.	Métodos de planificación y control de obras : del diagrama de barras al BIM	Reverté	Barcelona	978-84-291-3104-8	2014	
Valderrama, Fernando	Mediciones y presupuestos: para arquitectos e ingenieros de edificación	Reverté 2ª ed.	Barcelona	9788429132014	2010	
	Manual Synchro Pro <a href="https://www.bentley.com/es/products/brands/synchro/learn-synchro-4d">https://www.bentley.com/es/products/brands/synchro/learn-synchro-4d</a>					
	Manual Presto 2022 <a href="http://www.rib-software.es/presto">http://www.rib-software.es/presto</a>				2022	
Machado Bueno, Aída.	Manual imprescindible de Presto 2016	Anaya Multimedia	Madrid	978-84-415-3729-3	2015	

