

Course unit title:	Construction Procurement and Tendering		
Course unit code:	CEC320		
Type of course unit:	Required		
Level of course unit:	Bachelor (1st Cycle)		
Year of study:	3		
Semester when the unit is delivered:	5		
Number of ECTS credits allocated :	6		
Name of lecturer(s):	-		
Learning outcomes of the course unit:	<ol style="list-style-type: none"> 1. Recognize and appreciate different procurement methods (design and build, private finance, prime contracting frameworks, etc.). 2. Apply different tendering procedures and standard procurement methods. 3. Able to understand and analyse the role of the project manager. 4. Evaluate different frameworks and perform case study review. 		
Mode of delivery:	Face-to-face		
Prerequisites:		Co-requisites:	
Recommended optional program components:			
Course contents:	<p>Procurement methods: Contracts in use. Description of different procurement methods (design and build, private finance, prime contracting frameworks, etc.), the advantages and disadvantages of each method, and under which circumstances each one is preferred.</p> <p>Tendering Procedures: Description of the role of a Quantity Surveyor at different stages of a civil engineering project, such as preliminary cost advice, cost planning, contractual methods, tendering, choice of contractor and validation of construction work. Description and in depth knowledge of tendering procedures and their aim and qualities of the selected contractor. The principal methods of tendering (open and selective tendering and negotiated contracts) and their advantages and disadvantages.</p> <p>Project Manager: Description of the role of the project manager. The interrelationships between quality, cost and time for a project and how each one affects the others. Importance of project manager, obligations and responsibilities.</p>		
Recommended and/or required reading:			
Textbooks:	<ul style="list-style-type: none"> • David Y.K. Leung, <i>“Practical Approach to Conditions of Contracts for Civil Engineering Works”</i>, University of Washington Press, 2010. • Haswell C.K. and De Silva D.S., <i>“Civil Engineering Contracts: Practice and Procedure”</i>, Butterworth-Heinemann, 1989. • P. Griffiths, S. Birchall & J.W. Ramus, <i>Contract Practice for Surveyors</i>, 4th ed., Butterworth-Heinemann, 2006. 		
References:	<ul style="list-style-type: none"> • Arthur McInnis, <i>“The New Engineering Contract: NEC: A Legal Commentary”</i>, Thomas Telford Ltd, 2001. • Abbett, R., <i>“Engineering Contracts and Specifications”</i>, John Wiley & Sons Inc, 1963. 		

Planned learning activities and teaching methods:	The course will be presented through theoretical lectures in class. The lectures will present to the student the course content and allow for questions. Part of the material will be presented using visual aids. The aim is to familiarize the student with the different and faster pace of presentation and also allow the instructor to present related material (photographs etc). The learning process will be enhanced with the requirement from the student to carry out assignments. Besides from the notes taken by students in class, all of the course material will be made available through the class website on the University e-learning platform. Finally the instructor will be available to students during office hours or by appointment in order to provide any necessary tutoring.
Assessment methods and criteria:	<ul style="list-style-type: none"> • Assignments: 25% • Mid-term Tests: 25% • Final Exam: 50%
Language of instruction:	English
Work placement(s):	No