

Erasmus Student Work Placement in the UPCT

INSTITUTION	Universidad Politécnica de Cartagena / Technical University of Cartagena
SHORT DESCRIPTION OF THE INSTITUTION	The UPCT is a public institution, established in 1998 and as such is the youngest Technical University in Spain. It is comprised of 7 Schools of Engineering, Business and Architecture and offers several Master and PhD Programmes.
LOCATION	South-East of Spain (region of MURCIA) Address: Plaza del Cronista Isidoro Valverde, s/n - Edificio "Rectorado" - 30202 Cartagena - SPAIN
MAIN ACTIVITY OF THE PLACEMENT	Departamento de Electrónica, Tecnología de Computadoras y Proyectos / Department of Electronics and Computer Technology Teaching and research in electronics, embedded and dedicated computing platforms,
PLACEMENT OFFERED	Development of an application-specific EMCCD controller. The student will join a R&D team involved in the development of a dedicated CCD controller for an astronomical instrument. The main tasks involve the implementation of a video timing generator, a multiple-CCD synchronization block and a frame grabber interface.
STUDENT PROFILE	Any degree in Electrical/Electronic Engineering, Telecommunication Engineering or Computer Science. Knowledge of Spanish and English Mature, responsible, organised, able to work on his/her own
TYPE OF STUDIES	
LEVEL OF STUDIES	Undergraduate or postgraduate student
DESIRED SKILLS	Matlab (mandatory) Digital Design with VHDL (mandatory)

	PCB and board design & test (optional)
LANGUAGE	Fluent English – written and spoken Knowledge of Spanish is welcome
NATIONALITY	Any
STARTING DATE	From September 2012
DURATION	6 months to 12 months
WORKING HOURS	25 hours per week from 09:00 to 14:00
SALARY	No financial contribution
ERASMUS / LEONARDO GRANT	To be applied for at the home institution (or country)
ACCOMMODATION	In the University's residences: about 540 € per month (subject to availability) or in a flat to be shared with other students (average 175 € per student per month)
DEADLINE	Applications should include a CV and a motivation letter. The deadline for receiving applications is a.s.a.p.
CONTACT	<p>Technical:</p> <p>Javier Garrigós Guerrero, José Javier Martínez Alvarez Dpto. de Electrónica, Tecnología de Computadoras y Proyectos Universidad Politécnica de Cartagena ETSIT - Edif. Cuartel de Antigones Plaza del Hospital 1, 30202 Cartagena SPAIN Phone:+34 968326461 Fax:+34 968326400 E-mail:javier.garrigos@upct.es, jjavier.martinez@upct.es</p> <p>Institutional:</p> <p>David Moral - International Officer for student mobility International Office Pl. del Cronista Isidoro Valverde, s/n Edificio "Rectorado" - 30202 Cartagena (Spain) Telephone: +34 968 325971/ 22 Fax: +34 968 325972 relint@upct.es david.moral@upct.es www.upct.es</p>