

Program	59EC – Communications Electronic Engineering B. Eng. 59SC – Telecommunications Systems Engineering B. Eng. 59SO – Sound and Image Engineering B.Eng. 59TL – Telematics Engineering B. Eng.
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Course number and name	
Number	595040074
Name	ICT in Defense Applications
Semester	S6 [(February-June)]

Credits and contact hours	
ECTS Credits	3
Contact hours	30

Coordinator's name	González Posadas, Vicente [vicente.gonzalez@upm.es]
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Specific course information	
Description of course content	
<p>The objective of this elective course is to provide the student with a global vision of the applications of the Information and Communication Technologies in the area of Defense and Security.</p> <p>The contents will be developed from a point of view qualitative and descriptive, based on a series of lectures (followed by a forum for debate) taught by military specialists in the addressed technologies; a visit to the military facilities could be planned as an optional activity.</p>	
List of topics to be covered	
<ol style="list-style-type: none"> 1. Platforms and ICTs 2. Communication Systems in Armed Forces 3. Dual Technologies in Defense 4. Cyber Defense 	
Prerequisites or co-requisites	
- None	

Specific goals for the course	
Specific outcomes of instruction	
<ul style="list-style-type: none"> • RA739 - Critical analysis of the Technique and the Defense • RA163 – To connect the technical aspects with the social environment. Aspects of market, regulations and environment. 	

Further reading and supplementary materials

- <http://infodefensa.com/>
- <http://www.mde.es/>
- <http://www.armada.mde.es>
- <http://www.ejercitodelaire.mde.es>
- <http://www.ejercito.mde.es/>
- <http://www.mde.es/ume/>
- <http://www.mde.es/dgam/home.htm>
- Moodle.