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.

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]

Specific course information

Description of course content

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.

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.

List of topics to be covered

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

- 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.