

Module Layout

SEC111 Telecommunication Systems for Security and Defence

Faculty	STHEE	Faculty of Pure and Applied Sciences	
Programme of Study	SEC	Security and Defense	
Module	SEC111	Telecommunication Systems for Security and Defence	
Level of Study	Undergraduate		Graduate
		Master	Doctoral
		✓	
Language of Instruction	English		
Mode of Delivery	Distance Learning		
Module Type	Required		Electives
			✓
Number of Group Consulting Meetings	Total	Physical Presence	Online
	14	0	14
Number of Assignments	2 Assignments, 12 Interactive Exercises		
Final Grade Calculation	Assignments	Interactive activities	Final exam
	30%	20%	50%
Number of European Credit Transfer System (ECTS)	10		

Module Description

The course "Telecommunication Systems for Security and Defence" provides students with a solid and comprehensive framework to understand the basic theoretical and practical concepts of telecommunications principles and technologies, especially from aspects pertaining to security and defence applications. The weekly contents present in detail architectures, procedures and protocols, as well as methods and techniques that can be deployed for the design, development, implementation, and operation of current and future telecommunication systems for security and defence.

Pre-requisite Modules

None

Co-requisite Modules

None

Grading Scheme

Assessment Method	Percentage on Final Grade	Workload	
		Hours	ECTS

Weekly study- Assignments -Group Meetings (14 weeks *~14 hours)	0%	175-210	7
Assignment 1	15%	25-30	1
Assignment 2	15%	25-30	1
Interactive activities	20%	25-30	1
Final exam	50%	3	
Total	100%	250-300	10

Grading Rules and Assessment methods

- Students are evaluated with 9, if they earn 90% of the possible grade, i.e. $90\% * 10 = 9$, etc.
- Passing rate
 - 50% of the Assignments
 - 50% of the Interactive Activities
 - Students are allowed to participate in the final exam of a Module if they have overall earned the minimum grade ($\geq 50\%$) in both their Assignments and Interactive Activities
 - 50% of the Final exam

If a student earns a grade with decimal points, then it is rounded to the nearest half unit.