

# MACS DETESSOMED TOND KARPOWES

# **European Common Technical Semester for Defence and Security**

No.	Subjects				ECTS
1	Applied Informatics	Network of teachers	RO MTA	RO MTA	3
2	Applied Automation for Engineering Systems	Network of teachers	PL MUT	NO WITA	3
3	Integrated Weapon Systems	Network of teachers	RO MTA	FR FASFA	3
4	CSDP for Technical Systems	Network of teachers	FR FASFA		3
5a	Computer Networks	Network of teachers	BG NMU	BG NMU	3
6a	Programming Languages	Network of teachers	RO MTA		3
7a	Signal Processing	Network of teachers	GR HAFA		3
8a	Microcontrollers	Network of teachers	RO MTA		3
5b	Propulsion Systems	Network of teachers	GR HAFA	PL MUT	3
6b	Dynamic of Flight	Network of teachers	PL MUT		3
7b	Mechanics and Material Science	Network of teachers	GR HAFA		3
8b	Computer-Aided-Design and Numerical Analysis	Network of teachers	BG NMU		3
)	Interdisciplinary Scientific Project			GR HAFA	6
10	Foreign Languages (Bulgarian/French/Greek/Polish/Romanian)				2
11	Physical Education and Sports				2
	TOTAL				34









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**56<sup>th</sup> IG Meeting December 2022** 

57<sup>th</sup> IG Meeting March 2023

LTTA
GR HAFA – Athens
20 – 25.02.2023

#### **Intellectual Outputs elaboration**











#### **European Common Technical Semester for Defence and Security**



LTTA - Interdisciplinary Scientific Project GR HAFA – Athens (20 – 25.02.2023)

#### First step: Lectures on UAVs

- Project description. High Altitude Long Endurance unmanned system
- UAVs Low Speed Aerodynamics
- IT systems for UAVs
- Electronics for UAVs
- Design of the UAV visualization
- Composite Materials for UAVs
- Energy systems for UAVs











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#### Second step: Work Group study on Project tasks











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Third step: Project presentation











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Side activities: Visit of Hellenic Air Force Museum







European Common Technical Semester for Defence and Security PROJECT NO 2020-1-RO01-KA203-080375





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# LTTA - Interdisciplinary Scientific Project GR HAFA – Athens (20 – 25.02.2023)

#### **Conclusions:**

Very good organization

Interesting interdisciplinary subject

in the military field

Intensive preparatory classes

- Clear presentations
- High lectures level
- High host hospitality
- Long lasting impressions











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#### **Scientific Project**









