



# International Air Force Semester

2020-1-EL01-KA203-079068

## CSDP Modules

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# 01 Objective

1<sup>st</sup> Multiplier Event



# Objective

- ✓ Developing a novel series of modules related to European Defence and Security plans and strategies on key fields such as cyber, space, ethics, etc.
- ✓ Students of European Higher Education Air Force Institutions will be familiarized with the EU policies and plans in their future professional domain
- ✓ Promoting the harmonization of the Basic Air Force Officer Education



## 02 Modules Selection

1<sup>st</sup> Multiplier Event



# Modules Selection

	Module Name	ECTS
1	Cyber Warfare	4.0
2	Military Ethics	4.0
3	Social Media Security: Tools & Cases	2.0
4	Space Applications for Security & Defence	4.0



## 03 Modules Description



# Cyber Warfare

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```



# Cyber Warfare (1/4)

- Goals

- ☞ Familiarize students with the basic aspects of the cyber war
- ☞ Help students understand the threats and targets in the connected world
- ☞ Analyze the offensive and defensive cyber warfare techniques
- ☞ Describe the cyber environment as a military domain
- ☞ Present the cyber capabilities by nation-states
- ☞ Discuss the legal, ethical and political aspects of cyber warfare
- ☞ Outline the future trends in cyber warfare



# Cyber Warfare (2/4)





# Cyber Warfare (3/4)

- Verification of learning outcomes



Final exam



Group assignment on threats and techniques used in cyber war



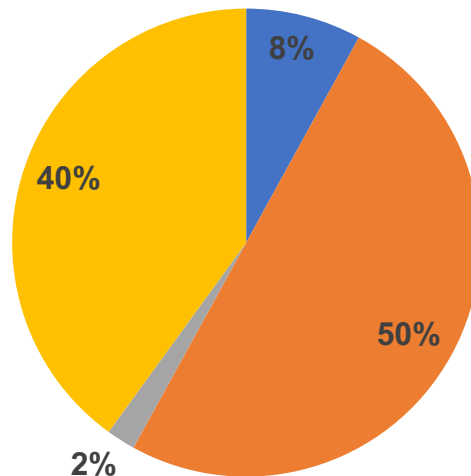
Case study regarding the risks a nation faces in the cyber war era



# Cyber Warfare (4/4)

- Workload distribution

☞ Total WH: 100



■ E-learning ■ Lectures ■ Final test ■ Study - Group Exercise - Case study



# Military Ethics

*Ethics?*





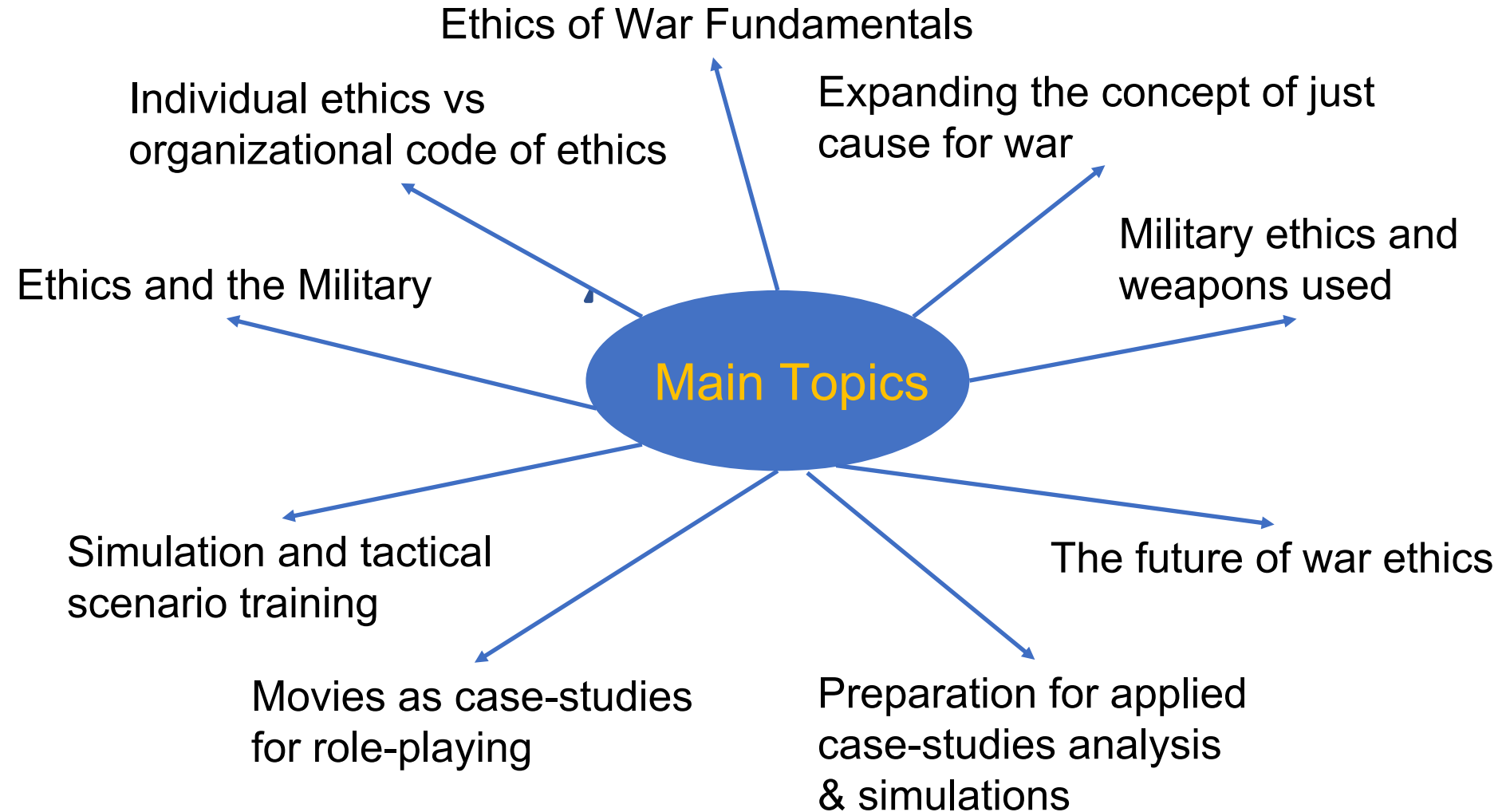
# Military Ethics (1/4)

- Goals

- ☞ Understand how moral philosophy and ethical reasoning are related to the military profession
- ☞ Discuss the concept of a culture of war and the connection between ethics, law, politics, and religion
- ☞ Identify and explain the relationship between different theoretical approaches employed in the ethics of war and the use of force
- ☞ Explore the viability of the 'just war' framework for justifying actual wars and for regulating the conduct of hostilities
- ☞ Discuss ethical dilemmas present in different forms of war (inter-state war, insurgency/ counter- insurgency, terrorism/ counter- terrorism, pre- emptive/ preventive)



# Military Ethics (2/4)





# Military Ethics (3/4)

- Verification of learning outcomes



Final exam



Individual assignment to analyze a case study or a historical or contemporary example and discuss ethical dilemmas during decision making



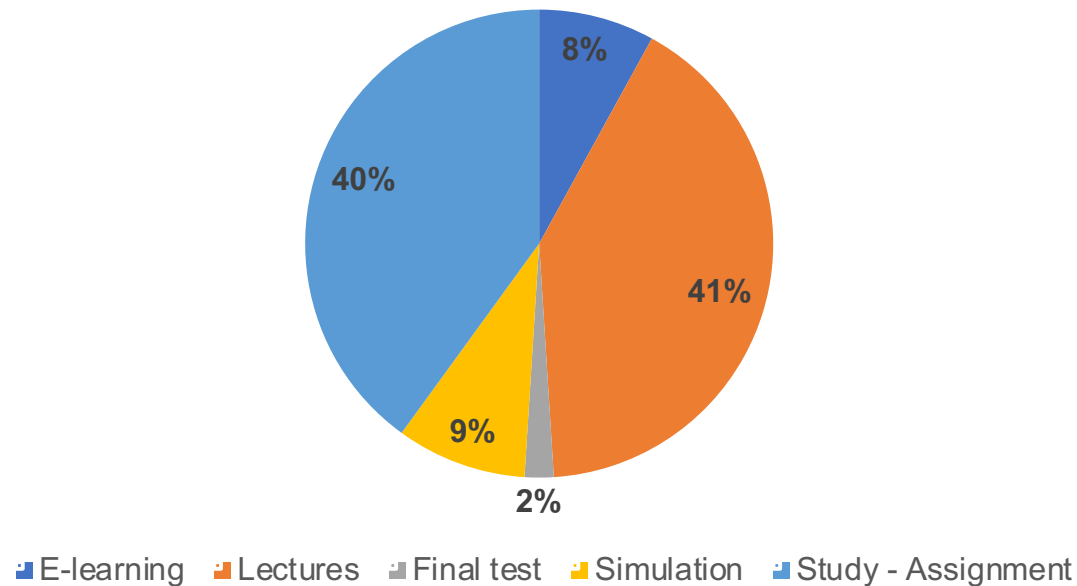
Simulation and tactical scenario training



# Military Ethics (4/4)

- Workload distribution

☞ Total WH: 100





# Social Media Security: Tools & Cases





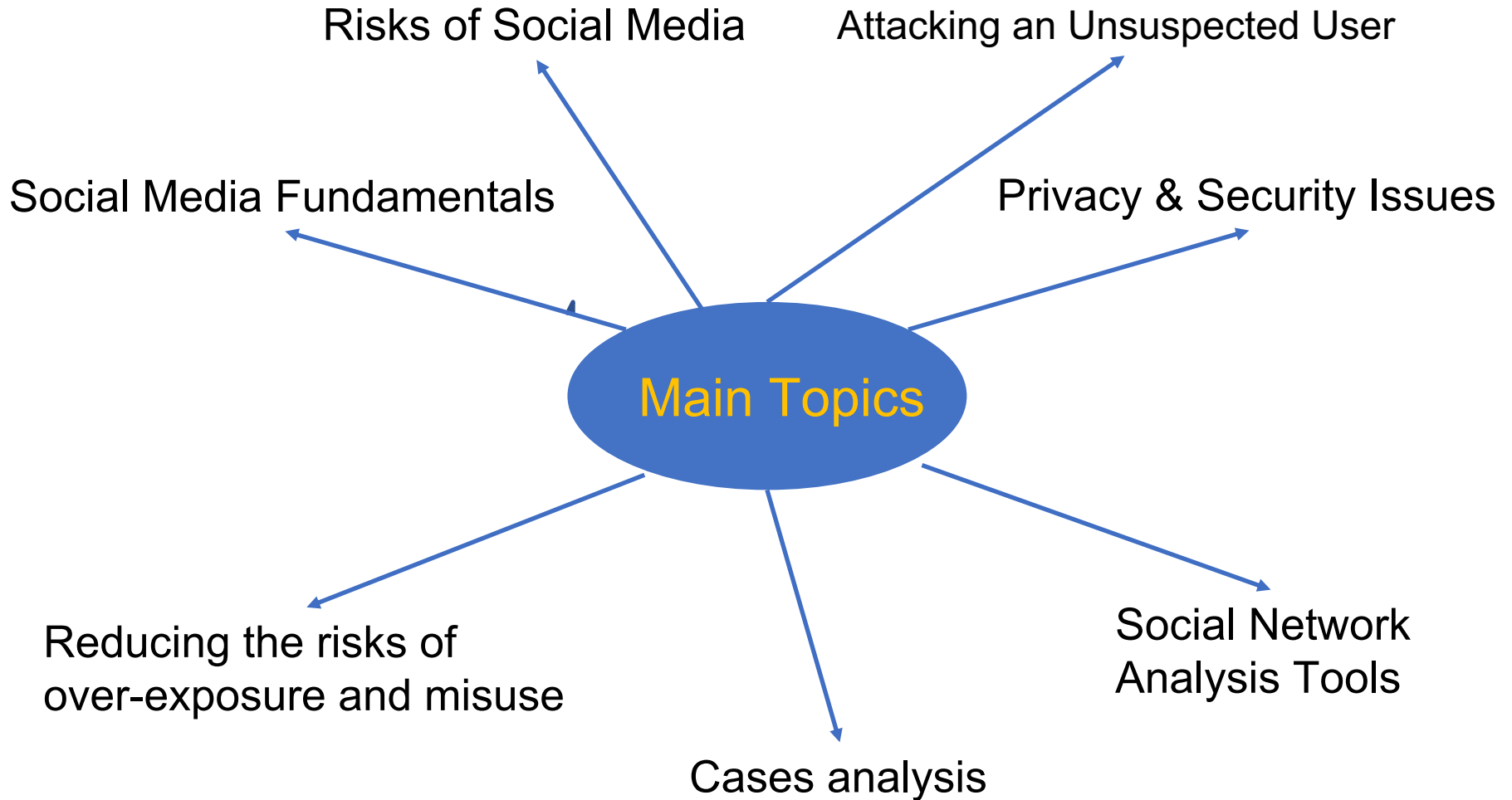
# Social Media Security: Tools & Cases (1/4)

- Goals

- ☞ To present the most common social objects and the respective electronic social networking platforms
- ☞ To familiarize students with various types of sensitive personal data and associated risks and impact of misuse of the social objects
- ☞ To discuss the most common techniques that are used in social network analysis
- ☞ To understand the impact of using Artificial Intelligence in producing fake social objects



# Social Media Security: Tools & Cases (2/4)





# Social Media Security: Tools & Cases (3/4)

- Verification of learning outcomes



Final exam



Individual assignment to analyze a small social network and study its structure and attributes



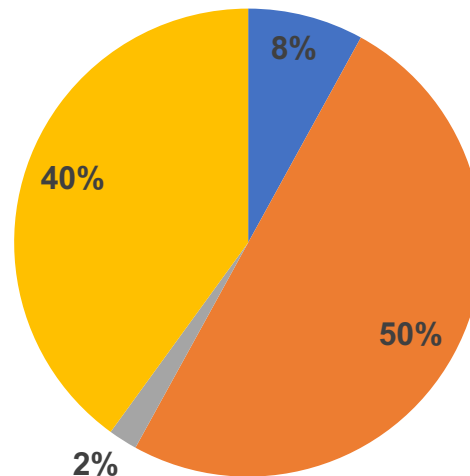
Case study regarding a contemporary social media incident



# Social Media Security: Tools & Cases (4/4)

- Workload distribution

☞ Total WH: 50



 E-learning  Lectures  Final test  Study - Assignment - Case Study



# Space Applications for Security & Defence





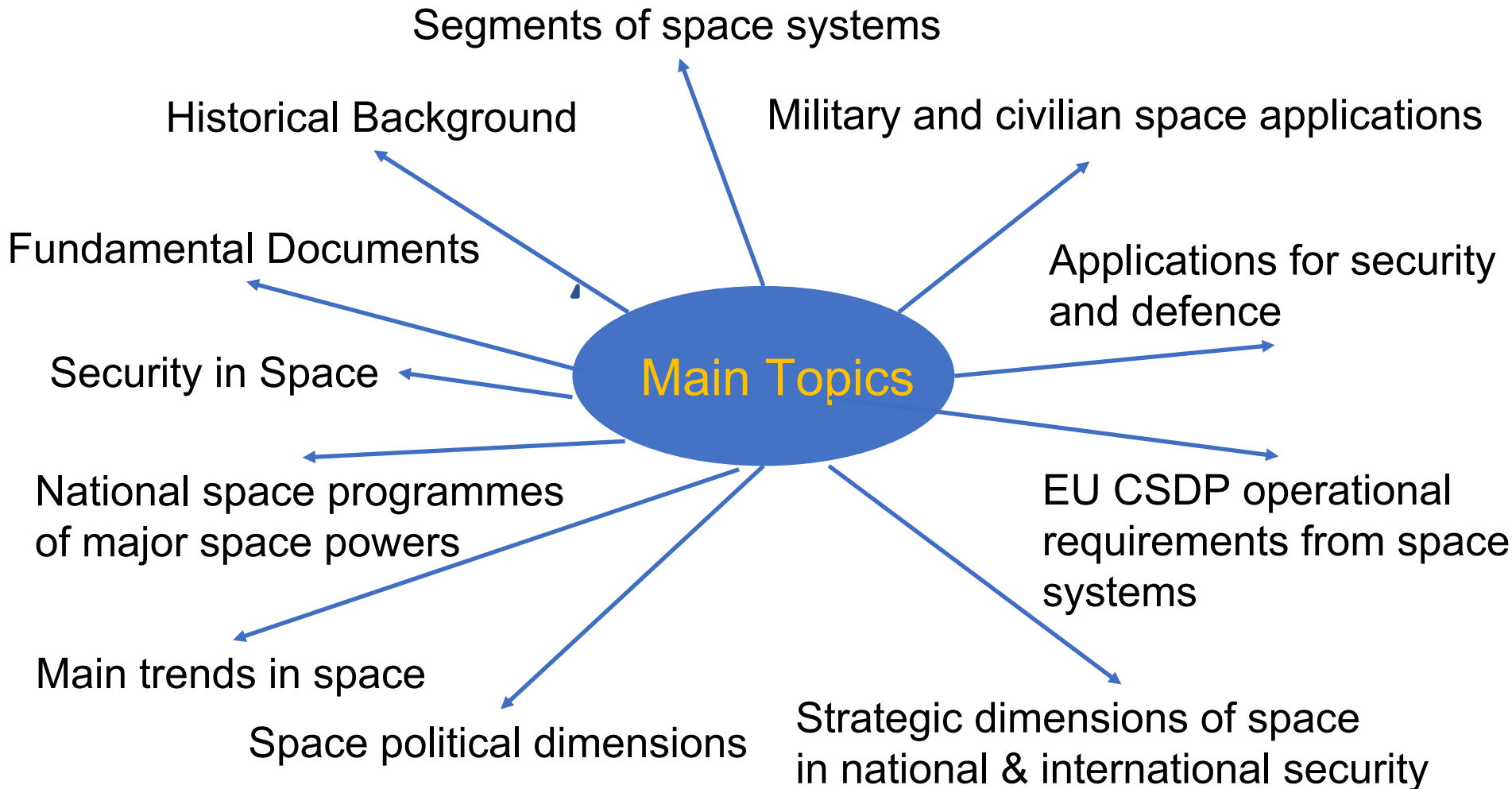
# Space Applications for Security & Defence (1/4)

- Goals

- ☞ To demonstrate the basic concepts associated with space issues
- ☞ To introduce students to the main functions of space systems
- ☞ To present the space programmes needed in EU capabilities to carry out crisis management operations
- ☞ To provide the CSDP space needs and the shortfalls from lessons learnt in relevant missions and operations



# Space Applications for Security & Defence (2/4)





# Space Applications for Security & Defence (3/4)

- Verification of learning outcomes



Final exam



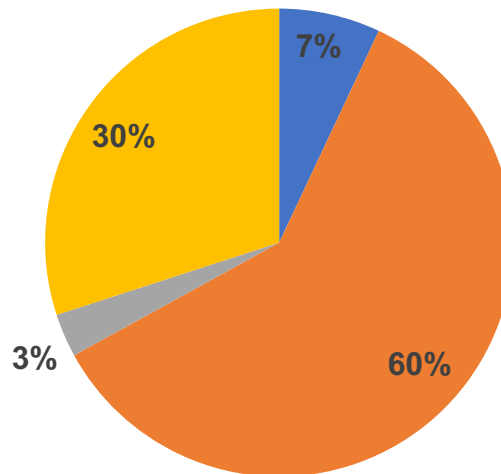
Case study on space assets  
in missions and operations



# Space Applications for Security & Defence (4/4)

- Workload distribution

☞ Total WH: 100



■ E-learning ■ Lectures ■ Final test ■ Study - Case study



# CSDP Modules



# 1<sup>st</sup> Multiplier Event

22 June 2021



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