





INTERNATIONAL ACTIVITIES PROPOSED IN 2025

International Semester "European Common Technical Semester for Defence and Security"

17.02-21.06.2025

The 35th edition of the Students' International Conference "CERC" 2025 11-12.04.2025







INTERNATIONAL SEMESTER

"European Common Technical Semester for Defence and Security"



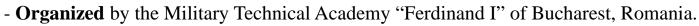
17.02 - 21.06.2025







INTERNATIONAL SEMESTER "European Common Technical Semester for Defence and Security" 17.02 – 21.06.2025



- Period: 17.02 21.06.2025.
- Cadets/Students Exchange
- Lecturers Exchange

Transportation:

- Participants are requested to travel to and from Bucharest-Otopeni Airport on their own
- RO MTA will provide transportation from and to Bucharest-Otopeni Airport.







INTERNATIONAL SEMESTER

"European Common Technical Semester for Defence and Security"

17.02 - 21.06.2025



No.	Subjects			
1	Applied Informatics	Basic Engineering	3	
2	Applied Automation for Engineering Systems	(6 ECTS)	3	
3	Integrated Weapon Systems	Military Science	3	
4	Common Security and Defence Policy	(6 ECTS)	3	
5a	Computer Networks		3	
5a	Programming Languages	Electronic Engineering and	3	
7a	Signal Processing	Computer Science (12 ECTS)	3	
Ba	Microcontrollers		3	
5b	Propulsion Systems		3	
5b	Dynamic of Flight	Mechanical and Aerospace	3	
7b	Mechanics and Material Science	Engineering (12 ECTS)	3	
3b	Computer-Aided-Design and Numerical Analysis	(12 2010)	3	
)	Interdisciplinary Scientific Project			
10	Intercultural Communication	Supplementary subjects	2	
11	Physical Education and Sports	(4 ECTS)	2	
TOTAL				



INTERNATIONAL SEMESTER EuCTSds 2025

Period	Code	Disciplines	ECTS	Your option		
17.02 - 23.02.2024 24.02 - 02.03.2024	BE01	Applied Informatics	3			
03.03 - 09.03.2024 10.03 - 16.03.2024	EI02	O1. Programming Languages	3			
17.03 - 23.03.2024 24.03 - 30.03.2024	EI03	O1. Computer Networks	3			
31.03 - 06.04.2024 07.04 - 10.04.2024	MS01	Common Security and Defence Policy	3			
11.04 - 13.04.2024	INTERNATIONAL STUDENTS' CONFERENCE CERC 2025					
18.04 - 22.04.2024	4 CATHOLIC&ORTHODOX EASTER 2025					
14.04 - 17.04.2024 28.04 - 04.05.2024	BE02	Applied Automation for Engineering Systems	3			
05.05 - 11.05.2024	EI01	O1. Signal Processing	3			
12.05 – 18.05.2024	MA01	O2. Mechanics and Material Science	5			
19.05 – 25.05.2024	EI04	O1. Microcontrollers	3			
26.05 - 01.06.2024	MA04	O2. Computer-Aided-Design and Numerical Analysis				
02.06 - 08.06.2024 09.06 - 15.06.2024	MS02	Integrated Weapon Systems	3			
17.02 - 21.06.2024 (1 day/week) 23.04 - 27.04.2024 16.06 - 21.06.2024	Proj	Scientific ProjectO1.1. Electronic and Communication Engineering O1.2. Computer Sciences and Cyber Security O2.1. Armament Systems and Military Engineering O2.2. Aerospace and Transport Engineering	6			
17.02 - 15.06.2024	ICom	Intercultural communication	2			
17.02 - 15.06.2024	Sport	Physical Education and Sports	2			



EUROPEAN SECURITY AND

URITÉ ET DE DÉFENSE

INTERNATIONAL SEMESTER "European Common Technical Semester for Defence and Security" 17.02 – 21.06.2025

nnical Semester



INTERNATIONAL SEMESTER "European Common Technical Semester for Defence and Security" 11.02 – 21.06.2025







INTERNATIONAL SEMESTER "European Common Technical Semester for Defence and Security" 17.02 – 21.06.2025





CONTACT

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https://www.mta.ro/international/en/international-semester/

https://www.euctsds.eu/











The 35th edition of the Students' International Conference "CERC" 2025 11.04 – 12.04.2025





Free accommodation and meals for cadets

Transport from/to the airport



- Organized by the Military Technical Academy "Ferdinand I" of Bucharest, Romania.
- Period: 11-12 April 2025.

https://www.mta.ro/international/en/cerc/

- In partnership with:
- National University of Science and Technology POLITEHNICA Bucharest, Romania
- Military University of Technology, Warsaw, Poland;
- IUT "Paul Sabatier" of Toulouse, France;
- "Vasil Levski" National Military University, Veliko Tarnovo, Bulgaria.

Based on the scientific circles organised by the MTA academic teachers.

Promotes exchanging ideas and scientific information between military and civilian students from Romania and abroad.











CERC 2024 - OPENING CEREMONY





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CERC 2025 - PANELS

- 01. Armament Systems (EN)
- 02. Energetic Materials and Ammunition (EN)
- **03.** Constructions and Fortifications (EN)
- 04. Military Engineering and Geomatics(EN)
- 05. Aerospace and Mechanical Engineering (EN)
- 06. Automotive Engineering and Materials Technology (EN)
- 07. Logistics for Defence and Security (EN)
- **08.** Communications and Signal Processing (EN)
- 09. Robotics, Automation and Electronic Systems (EN)
- 10. Computer Engineering and AI (EN)
- 11. Computer Engineering, Cybersecurity and Cryptography (EN)
- 12. Mathematics Applied in Engineering (EN)
- 13. Military Science (EN)
- 14. Geopolitics and Military History (EN)
- **15. Intercultural Communication and Military Ethics (EN)**
- 16. English Language and Culture (EN)
- 17. French Culture, Civilisation and Military Ethics (FR)
- 18. Cultural Anthropology (FR)
- **19.** Common Security and Defence Policy (EN)
- 20. Erasmus and Military Erasmus Experiences (EN)



Students: deliver presentations

















EUROPEAN SECURITY AND

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The **35th** edition of the Students' International Conference "CERC" 2025 CERC 2025 - AWARDED PAPERS







The **35**th edition of the **Students' International Conference "CERC" 2025 Erasmus+ International Week**









EUROPEAN SECURITY AND

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The 35th edition of the Students' International Conference "CERC" 2025 "CERC " 2025 TRADITIONAL STUDENT DINNER



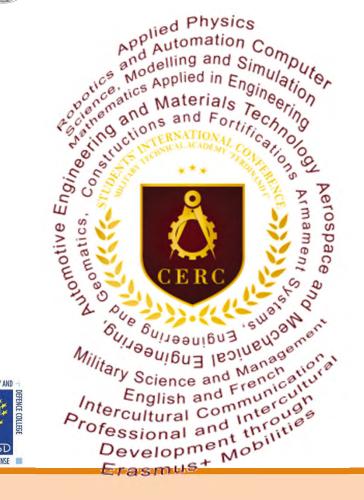












"LET'S SPIN AROUND THE CIRCLE OF SCIENCE"

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