



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

Shumen, 2024



INTERNATIONAL SEMESTER

“European Common Technical Semester for Defence and Security“

17.02 – 21.06.2025



Shumen, 2024



INTERNATIONAL SEMESTER

“European Common Technical Semester for Defence and Security“

17.02 – 21.06.2025



- **Organized** by the Military Technical Academy “Ferdinand I” of Bucharest, Romania.
- **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.

Accommodation-Meals:

- Free accommodation (cadets)
- Free meals for the participating cadets

Cadets/Students
Entire semester/selected modules

Teachers
2 days – 2 weeks (Erasmus STA)

Documents:

- Nomination by the home institution
- Application form
- Erasmus papers

Deadline: 15th of December 2024





INTERNATIONAL SEMESTER
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No.	Subjects	ECTS
1	Applied Informatics	Basic Engineering (6 ECTS)
2	Applied Automation for Engineering Systems	
3	Integrated Weapon Systems	Military Science (6 ECTS)
4	Common Security and Defence Policy	
5a	Computer Networks	Electronic Engineering and Computer Science (12 ECTS)
6a	Programming Languages	
7a	Signal Processing	
8a	Microcontrollers	
5b	Propulsion Systems	Mechanical and Aerospace Engineering (12 ECTS)
6b	Dynamic of Flight	
7b	Mechanics and Material Science	
8b	Computer-Aided-Design and Numerical Analysis	
9	Interdisciplinary Scientific Project	6
10	Intercultural Communication	Supplementary subjects (4 ECTS)
11	Physical Education and Sports	
TOTAL		34

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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	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 12.05 – 18.05.2024	EI01 MA01	O1. Signal Processing O2. Mechanics and Material Science	3	
19.05 – 25.05.2024 26.05 – 01.06.2024	EI04 MA04	O1. Microcontrollers O2. Computer-Aided-Design and Numerical Analysis	3	
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 Project O1.1. 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	
	Sport	Physical Education and Sports	2	

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CONTACT

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

<https://www.euctsds.eu/>



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



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



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

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

**Free accommodation and meals for cadets
Transport from/to the airport**

- **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.



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



Erasmus+ International Week

Thursday
10 April 2025

Friday
11 April 2025

Saturday
12 April 2024

Sunday
13 April 2024

ARRIVAL

09.00 – 09.30 – Opening Ceremony
09.30 – 13.00 – Panels
13.00 – 14.00 – Lunch Break
14.00 – 19.00 – Panels
21.00 – 23.00 – Traditional Dinner

09.00 – 10.00 – Award Ceremony
10.00 – 10.30 – Closing Conference
10.30 – 13.00 – Intercultural activities
13.00 – 14.00 – Lunch Break

DEPARTURE



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CERC 2024 - OPENING CEREMONY





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



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)

Teachers:
part of the scientific committees



Students:
deliver presentations



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



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



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



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



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“LET’S SPIN AROUND THE CIRCLE OF SCIENCE”

CONTACT

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