



MILITARY TECHNICAL ACADEMY "FERDINAND I"



1. INTERNATIONAL SEMESTER "DEFENCE AND SECURITY TECHNICAL SYSTEMS"

2. STUDENTS' INTERNATIONAL CONFERENCE CERC 2021

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1. International Technical Semester "Defence and Security Technical Systems" 01 March - 20 June 2021





1. International Technical Semester "Defence and Security Technical Systems" CURRICULUM (2021, 2nd Edition)



Period	Code	Disciplines		ECTS
01.03 - 20.06.2021	SPR	Scientific Project	A. Armament Systems and Military Engineering	6
			B. Aerospace and Transport Engineering	
			C. Computer Sciences and Cyber Security	
			E. Electronic and Communication Engineering	
08.03 - 12.03.2021	IC	Intercultural and Professional Communication		2
24.05 – 28.05.2021	CSDP	Common Security and Defence Policy		2
15.03 – 19.03.2021 19.04 – 23.04.2021	BE	Basics of Electrotechnics		2
	AG	A. Aerospace and Geospatial Data		2
	SA	B. Sensors, Acquisition and Data Processing Systems		
22.03 – 26.03.2021	MEC	Mechanics and Strength of Materials		2
26.04 – 29.04.2021	AER	Fluid Mechanics and Aerodynamics		2
29.03 – 01.04.2021	PROG	Programming Techniques for Engineering		2
04.05 – 07.05.2021	RA	Robotics and Automation		2
06.04 – 09.04.2021	EWC	Electronic Warfare and Cyber Security		2
10.05 – 14.05.2021	M&S	Combat Modeling and Simulation		2
12.04 – 16.04.2021	ARM	Armament Systems		2
17.05 – 21.05.2020	LOG	Basics of Logistics		2
08.03 – 11.06.2021	RL	Romanian Language for International Students		2
	FE	Physical Education and Sports		2



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INTERNATIONAL SEMESTER "DEFENCE AND SECURITY TECHNICAL SYSTEMS" 01 MARCH – 20 JUNE 2021



INT.SEM.

CURRICULUM

2019_EDITION

ESDC

EMILYO

INFORMATION

REGISTRATION

OBJECTIVES

ELIGIBILITY

TEACHING OBJECTIVES AND COMPETENCIES

The **teaching objective** is to prepare the participants for the acquisition of professional and transversal competencies that allow them to develop projects in the field of technical defence and security systems in international, multidisciplinary and multicultural teams.

Transversal competencies: responsible execution of professional tasks based on documentation, logical reasoning, practical applicability, evaluation, self-evaluation and optimal decision; performing activities and employing specific teamwork roles on different responsibilities, as well as assigning tasks for subordinate levels based on communication, cooperation, mutual respect, and using the feedback to improve their own work and the spirit of initiative; professional communication in a multidisciplinary, multicultural and international context.





1. International Technical Semester "Defence and Security Technical Systems"



REGISTRATION

<http://www.mta.ro/international/en/international-semester/>
<http://www.emilyo.eu/node/878>

LCol.Asst.Prof.Eng.PhD

Alin-Constantin SAVA

Erasmus+ Institutional Coordinator

Capt.cdr.Assoc.Prof.Eng.PhD

Cristian-Emil MOLDOVEANU

Vice-Rector for Interuniversity Relations

Please send the application form to erasmus@mta.ro



2. STUDENTS' INTERNATIONAL CONFERENCE "CERC" 2021



22 – 24 APRIL 2021





2. STUDENTS' INTERNATIONAL CONFERENCE "CERC" 2021, April 22-24, 2021



PANELS

- 1. Armament Systems**
- 2. Constructions and Fortifications**
- 3. Military Engineering and Geomatics**
- 4. Aerospace and Mechanical Engineering**
- 5. Automotive Engineering**
- 6. Materials Technology**
- 7. Communications**
- 8. Signal Processing**
- 9. Electrical Engineering and Electronic Systems**
- 10. Robotics and Automation**
- 11. Computer Science, Modelling and Simulation**
- 12. Mathematics Applied in Engineering**
- 13. Applied Physics**
- 14. Military Science**
- 15. Management**
- 16. English**
- 17. French**
- 18. Intercultural Communication**
- 19. Erasmus and Military Erasmus Experiences**





2. STUDENTS' INTERNATIONAL CONFERENCE "CERC" 2021, April 22-24, 2021



Face to face ?

Online ?





2. STUDENTS' INTERNATIONAL CONFERENCE "CERC" 2021, April 22-24, 2021



STUDENTS' INTERNATIONAL CONFERENCE "CERC"

"CERC" 2021

22 - 24 APRIL 2021



CO-ORGANIZERS



ABOUT

DEADLINES

REGISTRATION

TOPICS

PROGRAM

COMMITTEE

LETTER OF INVITATION

Since 1990 the Military Technical Academy "Ferdinand I" has organized every year a scientific event for students: the **Student's International Conference "CERC"**.

The 31st edition of the Students' International Conference "CERC" will be organized in the period 22-24 April 2021 in partnership with the following prestigious universities and military academies from Romania and abroad:

- "Politehnica" University of Bucharest, Romania;
- IUT "Paul Sabatier" of Toulouse, France;
- Military University of Technology from Warsaw, Poland;
- "Vasil Levski" National Military University Veliko Tarnovo, Bulgaria.





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REGISTRATION

<https://www.mta.ro/international/en/cerc/>
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March 01, 2021: Deadline for abstract submission;

March 15, 2021: Notification of acceptance;

April 22-24, 2021: CERC 2021 Student's International Conference;

May 01, 2021: Deadline for updating the abstracts;

June 01, 2021: Deadline for full paper submission

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