



1st Plenary Meeting of the LoD-13 International Technical Semester 02-04 September 2019 in Brussels, Belgium Draft Minutes

1. LoD-13: International Technical Semester

After several discussions and bilateral meetings that took place at the previous IG Meetings and at iMAF 2019 between military technical institutions, during the 43rd IG Meetings in Brussels, Belgium, a new line of development, that is LoD-13: International Technical Semester was officially launched.

Capt-Cdr. Assoc. Prof. Eng. MOLDOVEANU Cristian Emil, PhD, vice-rector for interuniversity relations at the Military Technical Academy "Ferdinand I", Bucharest, Romania was nominated and accepted as chairperson of LoD-13.

2. Participants

Institution	Country	Participants
Military Technical Academy „Ferdinand I”, Bucharest	Romania	1
Military University of Technology	Poland	2
Hellenic Air Force Academy	Greece	2
Total	3	5

3. Challenges

Organizing a joint international technical semester of the military academies within the European Union is a process with a lot of challenges that derive from the fact that the graduates from the military technical academies are officers and engineers at the same time, and from the fact that there is a large number of specializations and, because of that, it is quite difficult to have an international semester for each specialization.

4. Objectives

The LoD-13 workgroup has the following declared objectives:

- to develop an international technical semester for the military technical academies/faculties in the framework of Erasmus+KA2 action (Strategic Partnership), in order to facilitate technical cadets and teachers mobilities;
- to establish a network of military technical institutions/faculties and networks of teachers within military technical fields and specializations;
- to develop educational materials useful for cadets and teachers;
- to support the implementation process of the military technical modules/international technical semester generated in the framework of LoD13.

5. Elaborations on the Project (International Technical Semester)

The Military Technical Academy "Ferdinand I" (MTAFI) initiative to organize a pilot international technical semester, which was considered by all the participants to be a good example and model for the future joint international semester of the military technical academies within the European Union.

It has been decided to include in the curriculum, besides the theoretical disciplines, a scientific multidisciplinary project due to the results MTAFI obtained within the pilot international technical semester.

It has been established that the general structure of the international technical semester should include basic engineering disciplines (mathematics, logistics, etc, common to all the engineering specializations), a multidisciplinary scientific project and engineering disciplines specific to mechanical engineering (one direction) and to electrical engineering (another direction).

Table 1. General structure of the international technical semester

No.	COURSES	Modules/weeks	ECTS
1.	Basic Engineering modules	3	6
2.	Military Science and Complementary modules	3	6
3.	Electrical Engineering /Mechanical Engineering modules	6	12
4.	Multidisciplinary Scientific Project modules	2	6
5.	Optional Supplementary courses	-	4
TOTAL		14	34

6. Potential partners

- Military Technical Academy “Ferdinand I” of Bucharest, Romania;
- Military University of Technology Warsaw, Poland;
- Hellenic Air Force Academy, Athens, Greece;
- Royal Military Academy, Bruxelles, Belgium;
- “Vasil Levski” Military National University, Bulgaria;
- Portuguese Air Force Academy, Lisbon, Portugal;
- Italian Air Force Academy, Pozzuoli, Italy;
- Spanish Naval Military University, Spain;
- French Air Force Academy, France;
- etc

The first 3 institutions from the list have already confirmed their intention, the others are to confirm shortly.

7. Next Steps

Before the next IG Meeting will be organized several meetings of the potential partners in the KA2 project in order to:

- establish the final list of partners (01.10.2019);
- establish a title of the KA2 project (01.10.2019);
- choose the subjects for the ITS curricula (01.10.2019);
- defining the role of each partner in the project (15.10.2019);
- provide a short description of the subjects (01.11.2019);
- define the areas for the multidisciplinary scientific projects (01.11.2019);
- define the activities/intellectual output (15.11.2019);
- write the 1st draft of KA203 Application form (10.12.2019);
- write the 2nd draft of KA203 Application form (18.02.2020);
- approve the final form of KA203 Application form (01.03.2020).

8. Meeting Opportunities:

- 2019.09.18, Wroclaw, Poland (LoD 09 – Future Projects);
- 2019.10.01-03, Shumen, Bulgaria (Defence Technology Forum 2019);
- 2019.11.07-09, Bucharest, Romania (International Expert Conference, SECDEF’19);
- 2019.12.09-12, Bucharest, Romania (44th IG Meeting);
- 2019.10.24-25, Warsaw, Poland (1st International Conference Language – Security – Technology 2019);
- 2020.02.18-19, Brussels, Belgium (45th IG Meeting);
- Online meetings (skype, email, phone, etc).

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