



An Industry Oriented MSc. Program in Telecommunications Engineering Towards an EU Approach

Project Summary

The project aims at reform of the existing Mater program in Wireless Communications Engineering at the Telecommunications Engineering Department at Yarmouk University. This includes the reform of the existing program structure and the introduction of new study tracks, new teaching methodologies, new study models and a quality control mechanism for the programs offered by the Department.

Grant Holder



Yarmouk University

Project Objectives

- O1. To reform and modernize the existing Yarmouk University Master programme in Wireless Telecommunications including curricula, teaching methodologies, quality control, and to establish new up-to-date tracks in related areas.
- O2. To enhance student learning outcomes and skills to meet local market needs and international best practices through the building of technical capacity at YU and local partner institutions.
- O3. To converge our study programs with the EU educational system with regard to the Bologna process and achieve academic and professional recognition of YU programmes within the EU
- O4. To help local project establish and implement their MSc programs in telecommunications engineering at their institutions.
- O5: To help the EU partners to learn more about the needs, capacities and educational approaches of the partner Institutions in Jordan.

Project Outcomes

- The project is expected to result in the following outcomes/outputs:
1. Development of three Master programs: Wireless Communications Engineering, Wireless Technology and Telecommunication Management
 2. A network of collaboration with local Telecommunications industry
 3. A network of collaboration with EU institutions
 4. Modernized lab equipment
 5. Professional development of academic staff of Jordanian partner institutions
 6. A QC unit for the Engineering Master programs at Yarmouk University

Project Partners



Project Activities

Work Package No.	Work Package Type	Work Package Title	Duration (Months)
WP.1	Development	Review of the Existing Master Program	6
WP.2	Development	Competition and Demand Analysis	6
WP.3	Development	Awareness of the EU educational system	6
WP.4	Development	Curriculum Development	16
WP.5	Development	Implementation of pilot MSc programme.	6
WP.6	Quality plan	Quality Control of the Project	32
WP.7	Management	Management of the Project	36
WP.8	Dissemination	Dissemination of the project	33
WP.9	Exploitation	Sustainability	30

Tempus

Tempus stands for Trans-European Mobility Scheme for University Studies (TEMPUS) A European Union's programme which supports the modernization of higher education in the Partner Countries of Eastern Europe, Central Asia, the Western Balkans and the Mediterranean region, mainly through university cooperation projects. The Education, Audiovisual and Culture Executive Agency (EACEA) is responsible for the management of Tempus.

Summary of Funding

Funding Agency: Audiovisual, Education and Culture Executive Agency (EACEA) - European Union
Program: Tempus
Theme: Curricular Reform
Action: Joint Project
Grant Holder: Yarmouk University
Total Project Budget: 937,000 EUR
Duration: 3 years
Beginning of Eligibility Period: 15/10/2010
Project Coordinator: Dr. Khaled Gharaibeh-Yarmouk University

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■ Themes

- Curricular reform:
- Governance reform:.
- Higher Education and Society:

■ Actions

- Joint Projects
- Structural Measures