

# AVIATION SAFETY PROFESSIONAL DIPLOMA (ASPRO)

Capacity Building in the field of  
VOCATIONAL EDUCATION AND TRAINING

# THE PROJECT

Despite recent challenges related to the COVID19 pandemic, the aviation sector is one of the most important and growing sectors of global economy. ILO estimates that employment in the aviation sector will increase from 1.45 M (2017) to 2.25 M employees in 2037 (new estimation due to pandemic, prior estimation was for 2.9)

The above manifest the importance for vocational education (of all levels) in the field as a tool for economic and social development. Jordan is no exception to this need and at the time being a Technical Diploma is not available for the Aviation Safety Management System (SMS) is not available in Jordan. There only exist seminars in very narrow subject, which are offered for very large fees.

The first aim of this project will be to offer such an SMS Professional Diploma in Aviation, which will be an all in one certificate and reduce to minimum time need to provide such experts in this field. It will also be a cost effective training encouraging aviation companies to promote personnel upskilling without think of their budget during this troublesome times.

## GENERAL OUTLINE

- ✓ Introduction to Hazard Identification, Categories of Hazards, Qualitative Risk Assessment, Hazard Effect / Hazard Severity, Probability / Likelihood, Practical exercises.
- ✓ Gain clarity on the main aviation insurance conventions and protocols, types of coverage available, and practices for insuring hull and liability risks.
- ✓ Study threat assessment and planning techniques to comply with recent regulations changes. Learn to apply common industry practices.
- ✓ Review the latest industry regulations for airlines and the airport security operations. Learn best practices for analyzing and prevent common threats
- ✓ Learn the basics of operational aviation security with an overview of recent threats and technological developments. Review ICAO and IATA documentation plus standard international procedures.

- ✓ Improve aviation security knowledge, and study security regulations, concepts and recommended practices.
- ✓ Assure efficient and compliant security operations with this detailed review of industry standards, risk assessment and people management practices.
- ✓ Learn how to evaluate contractors, manage contracts and implement airport security countermeasures that support passenger facilitation.
- ✓ Learn the essentials of IATA's SMS initiative, and how it can make an organization IATA Operational Safety Audit IOSA compliant. Leave the course with tools to build a SMS that produces measurable and auditable results.
- ✓ Create efficiency in your screening operations with these skills to evaluate the capabilities and limitations of technology and team.
- ✓ Improve knowledge of international air cargo law conventions and recommended practices to better serve an organization and clients.
- ✓ Introduction to Hazard Identification, Categories of Hazards, Qualitative Risk Assessment, Hazard Effect / Hazard Severity, Probability / Likelihood, Practical exercises.
- ✓ Increase the capacities of VET providers especially in the fields of management, governance, inclusion, quality assurance, innovation; and internationalisation
- ✓ Improve the knowledge, technical, managerial and pedagogical skills of VET teachers and trainers
- ✓ Integrate the input from teachers/trainers, VET learners and employers, from private sector in particular, into curriculum, profile design and training reform
- ✓ Improve the level of competences, skills and employability potential of VET learners by developing new and innovative VET education programmes, especially those delivering key competences, basic language, and ICT skills.
- ✓ Inclusion and Diversity, by proactively engaging female trainees and by aiming to train persons which will not consist of more than 2/3 of the same gender (non-binary).
- ✓ Digital dimension and in particular 3D digitalisation

# TARGET GROUPS



**SECONDARY EDUCATION GRADUATES**



**COLLEGE STUDENTS**



# TARGET GROUPS



**SECONDARY EDUCATION GRADUATES**

## COORDINATOR



Aegean University" redirects here. For the university in Izmir, Turkey The University of the Aegean (UA) is a public, multi-campus university in Greece, founded on March 20, 1984, by Presidential Act 83/1984. Its administrative headquarters are in Mytilene, on Lesbos Island.

The university has campuses on Lesbos, Chios, Samos, Rhodes, Syros, and Lemnos. It consists of five schools and 18 departments, offering both undergraduate and postgraduate degree programs.

# PARTNERS



The university is a recognized center for science, innovation, and entrepreneurship, both locally and internationally. It upholds high educational standards and adheres to strict accreditation criteria, ensuring its academic programs are accredited by prestigious national and international agencies.



AL-BALQA APPLIED UNIVERSITY

BAU, a distinguished state university founded by royal decree on August 22, 1996, began teaching in 1997/1998. It offers a wide range of programs, including 184 Associate Diplomas, 112 Bachelor's, and 34 Postgraduate degrees, with recent additions between 2022-2024. BAU's main campus in Salt City hosts 12 faculties, while 12 satellite campuses and 51 community colleges across Jordan are also under its supervision. The university focuses on high-quality applied technical education, ensuring graduates are well-prepared for global job markets..

جامعة عمان العربية  
AMMAN ARAB UNIVERSITY



Amman Arab University was established in 1997 as a private, non-profit institution specializing in postgraduate studies, becoming the first Jordanian university focused on master's and doctoral programs. It began teaching in 1999/2000. In 2009, the university expanded to offer bachelor's degree programs and changed its name to "Amman Arab University.

# PARTNERS



Founded in 2000 and located near Amman Civil Airport, Mid-East Aviation Academy (MAA) is a private flight school known for its high-quality education and training programs. It has quickly gained a strong reputation for producing qualified pilots and aviation engineers.

MAA aims to become a leader in civil pilot training and aircraft maintenance, using advanced teaching methods and up-to-date equipment to establish a respected reputation in Jordan and globally.



cre thi dev  
creative thinking development

CRETHIDEV is a nonprofit organization focused on research and development in areas such as lifelong learning, environmental protection, innovation, employment, local development, health, sports, and culture. It fosters knowledge exchange and collaboration through projects with universities, companies, public authorities, and training centers, aiming to create a knowledge repository and promote networking and cooperation at local, regional, national, European, and international levels.



**ESKİŞEHİR TEKNİK ÜNİVERSİTESİ**  
ESKİŞEHİR TECHNICAL UNIVERSITY

Eskişehir Technical University was established by Law No. 7141, published on May 18, 2018. It consists of 6 faculties, 3 vocational schools, 1 school, 3 institutions, and 6 research centers across 3 campuses in Eskişehir, a city known for its science, culture, and youth. The university prepares students to be competitive and creative individuals in dynamic educational environments, supported by a skilled faculty and strong infrastructure for educational and research activities. The operation of Hasan Bolatkan International Airport, located on the second campus, is managed by the Faculty of Aeronautics and Astronautics.

# NEWS

## Amman Arab University Wins a Qualitative Project Supported by the European Union

جامعة عمان العربية  
AMMAN ARAB UNIVERSITY



Within a series of its recent contentious successes at the regional and global levels, Amman Arab University / College of Aviation Sciences has achieved a new progress in addition to the successive achievements in the field of international projects, after it succeeded in obtaining support for the Capacity Building in the field of Vocational Education and Training (CB-VET) project).

Under the title of Aviation Safety Professional Diploma - ASPro, according to a statement announced by the European Commission in Brussels on Wednesday evening, 9/28/2022 of the European Union projects that were submitted in March for the first session, noting that the project budget amounts to 400,000 Euros, distributed between local partners and European partners. In addition to Amman Arab University, University of Science and Technology, Al-Balqa Applied University, and the Middle East Aviation Academy (a partner of Amman Arab University) have been participated, while European partners are represented by the University of the Aegean - Greece, Eskisehir Technical University - Turkey, Kazimieras Simonavicius University - Lithuania, Creative Thinking Development Foundation - Greece

On this occasion, Prof. Mohamad Al-Widyan, President of Amman Arab University, said that the project's outcome, represented by an academic diploma in the field of air safety, is the first of its kind at the local and regional levels, stressing the pursuit of Amman Arab University to achieve its slogan of entrepreneurship and excellence in all scientific fields and colleges of the university.



# NEWS

Amman – Amman Arab University organized a panel discussion on the Aspro project supported by the European Union as part of the Erasmus+ program in the field of air safety, as part of the activities of the Professional Aviation Safety Diploma project, which is joint between Amman Arab University, the University of Science and Technology, Al-Balqa Applied University, and the Middle East Aviation Academy. The seminar aimed to discuss the importance of this type of professional program, the possibility of providing job opportunities for graduates, and the proposed study plan that would contribute to measuring the success of the program upon accreditation and the start of accepting associates, whether those who have completed high school or graduates of a bachelor's program in engineering.

A group of experts working in the aviation sector in Jordan participated in the discussion, represented by the most important sectors related to aviation safety, including retirees of the Royal Jordanian Air Force, JAC Company, Al-Jarrah Academy, the Middle East Aviation Academy, and experts working in aviation safety. The field of aviation engineering and safety provided ideas that would contribute to the success and continuity of this type of program as a result of the practical experience gained over many years of work in the field. An advisory board was established for the project and the membership of all participants in the panel discussion.

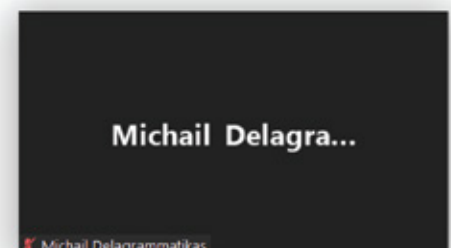
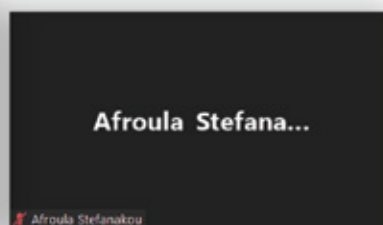
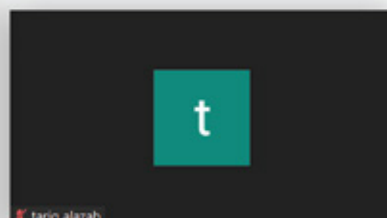
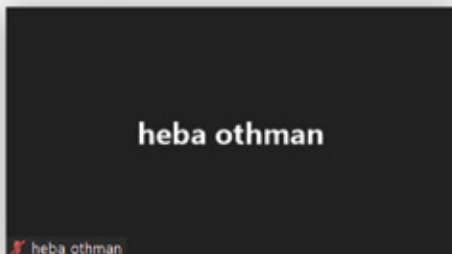
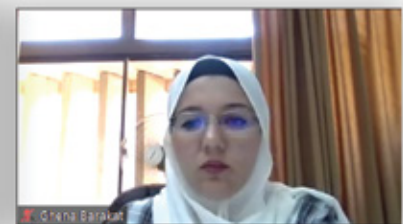
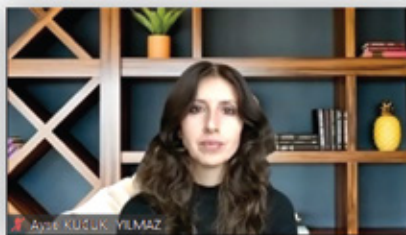
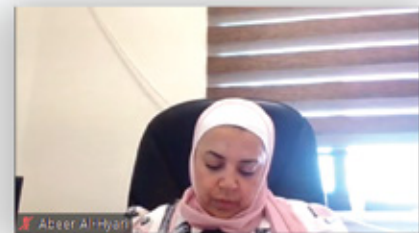
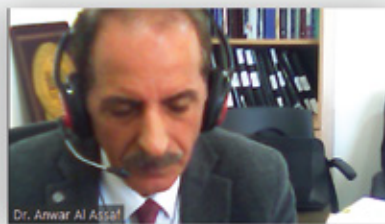
In this regard, Dr. Fahmy Abu Al-Rub, Project Manager in Jordan, emphasized the importance of projects supported by the European Union in Jordan through the development of academic programs based on European expertise, which will reflect positively on graduates of these programs from Jordanian universities.

In turn, Prof. Mohamad Al-Widyan, President of Amman Arab University, expressed his happiness for the university's participation in Erasmus + projects, which allows the university to open up to European universities to build partnerships and future projects. For his part, Dr. Anwar Al-Assaf, Dean of the Faculty of Aviation Sciences at Amman Arab University, stressed the importance of this program to refine the skills of graduates with skills required in the labor market. In the technical dimension, Dr. Tariq Al-Azab from Al-Balqa Applied University pointed out the importance of technical and vocational education in Jordan, which will provide better job opportunities for graduates of such programs.

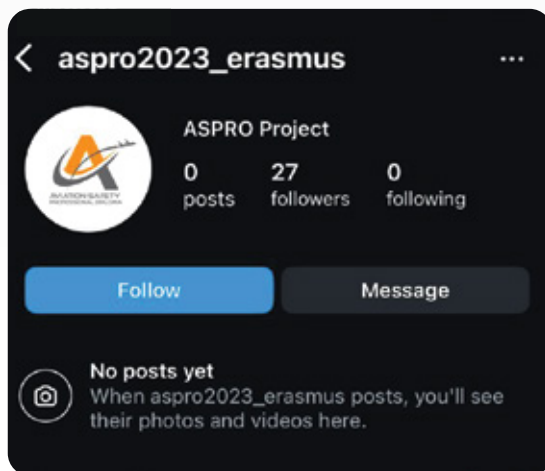
It is noteworthy that the Aviation Safety Professional Diploma project is run by the University of Aigen in Greece, in addition to partners from Greece, Turkey and Lithuania.



# THE FIRST MEETINGS

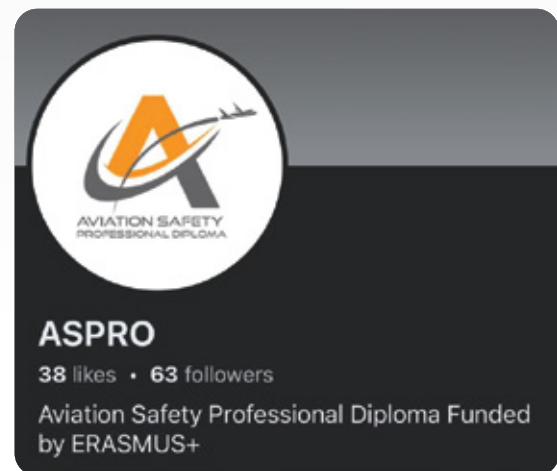


# SOCIAL MEDIA PLATFORMS



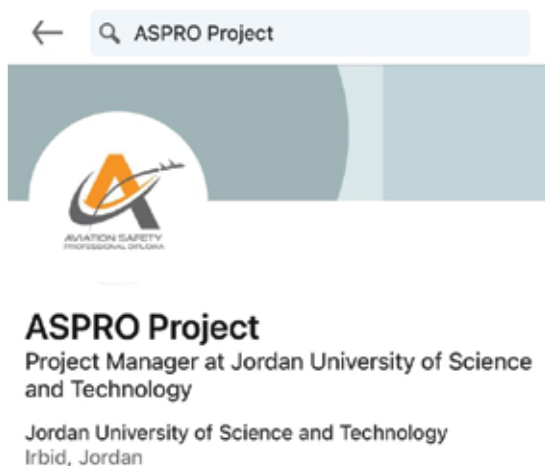
**instagram**

@aspro2023\_erasmus



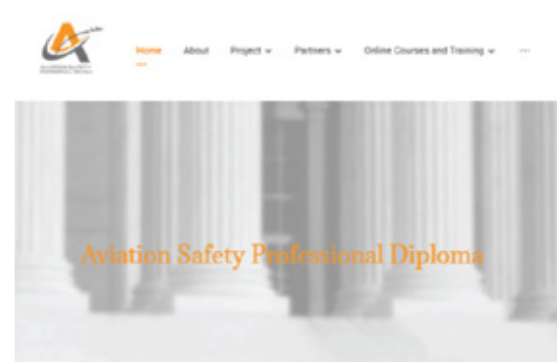
**Facebook**

@100093187008646j



**LinkedIn**

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**Website**

www.erp.aau.edu.jo/aspro/

## AMMAN ARAB UNIVERSITY PARTICIPATES IN THE LAUNCH OF ASPRO PROJECT SUPPORTED BY THE EUROPEAN UNIONSPRO



In the presence and participation of the President of the Amman Arab University, all members of the universities concerned, and the project coordinator Professor Nikitas from the Greek Aegean University, the Aviation Safety Professional Diploma ASpro project related to aviation safety was launched. The joint committee held the first face-to-face meeting at Aegean University on the Greek island of Chios.

Professor Fahmy Abu Al-Rub was present on behalf of the University of Science and Technology, on behalf of Al-Balqa University, Professor Tariq Al-Azab and Dr. Abeer Al-Hiyari, on behalf of Amman Arab University, Dr. Anwar Al-Assaf, Dean of the Faculty of Aviation Sciences at the University, and on behalf of the Middle East Academy, Heba Othman, in addition to representatives of European universities from Aegean University, CRETHIDEV Center and University The Turkish Eskisehir Technical University and the Lithuanian Kazimieras Simonavičius University, where the project was launched on Thursday, corresponding to the fourth of May, and the workshops lasted for three days.

The first day began with Professor Nikitas, where he welcomed all the attendees and gave a summary of the project and its management, then Professor Muhammad Al-Widyan spoke about the role of Amman Arab University in the project and gave a presentation of the university and the pivotal role of the College of Aviation Sciences at the university in the project supported by Erasmus+ with an amount of 400 thousand euros, after which a discussion took place.



Distribution of project requirements, the mechanism for implementing the academic diploma, the role of the university in implementing it, and the mechanism for requesting materials allocated to each university.

On the second day, Mr. Michael from the Creative Thinking Center talked about the mechanism of implementing the project, especially the quality part, and determining the performance indicator (KPI) for the project and its implementation mechanism, followed by Professor Nikitas by talking about the mechanism of implementing the technical reports of the project and periodic financial reports.

On the third and final day, the project steering committee was selected and its duties were defined, which are summarized in making operational decisions related to the project that govern the implementation of the grant. It was agreed on the date of the next meeting, which will be held at the Jordan University of Science and Technology.

## DISCUSSION AT “AMMAN ARAB UNIVERSITY” ON THE EUROPEAN UNION-SUPPORTED ASPRO PROJECT IN AVIATION SAFETY



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