4.3.3 Vocational Training Events for Lifelong Learning

The Arab Academy for Science, Technology and Maritime Transport (AASTMT) supports lifelong learning and workforce development through **executive education, professional diplomas and practical vocational training** for learners beyond its regular student body. Its provision serves working professionals, company teams, healthcare practitioners, refugees and other external learners. **Programmed training** includes established diplomas, recurring cohorts and continuing training series, while **ad-hoc courses** address specific organizational or sector needs. These opportunities develop practical skills in maritime operations, quality management, occupational safety, healthcare, food safety, engineering and digital transformation.

AASTMT's specialist institutes demonstrate substantial cumulative educational reach. The **Port Training Institute (PTI)**, established in **1982**, reports **196,047 trainees, 13 departments and 425 training programs**. The **Productivity and Quality Institute (PQI)** reports **more than 35,000 training hours, 15,000+ delegates and 1,000+ clients**, alongside **over 4,000 graduates**. These figures describe institutional achievements accumulated over time and are separate from participation during September 2024–September 2025.

The **Technical and Vocational Institute (TVI)** provides applied education and practical training that respond to industry needs. The **Community Service and Continuing Education Center in Cairo** offers courses and professional diplomas online and on campus through **three branches—Dokki, Sheraton and Smart Village**. Its portfolio spans **13 training categories**, including programming, data science, engineering, business, logistics, languages and professional skills, with **AASTMT-accredited certificates**. The **International Examination Centre (IEC)** complements this provision through internationally recognized examinations, qualifications and preparation courses.

AASTMT reports **more than 100 vocational training and executive education activities** across its wider institutional provision. Activities are classified as **programmed provision**, including professional diplomas, recurring cohorts, scheduled modules and continuing partnership training series, and **ad-hoc provision**, including standalone workshops and tailored courses for specific organizations or sectors. The activities presented in this document are **selected examples**, rather than a complete inventory.

For example, reported participation during the reporting period includes **60 trainees across five SME digital transformation courses**, funded by the International Labour Organization; **23 Libyan professionals** completing a six-month occupational health and safety diploma; **21 participants** joining a NEBOSH International General Certificate cohort; and **12 trainees** entering a year-long Total Quality Management and Lean Six Sigma diploma. The GAHAR EGYCAP record reports a wider **52-person graduating cohort**, of whom a selected group trained through PQI. These program-level figures are presented separately to preserve their scope. The entries below include supporting evidence links to published announcements and institutional records.

Institutional statistics: Port Training Institute; Productivity and Quality Institute; Community Service and Continuing Education Cairo

Healthcare and Hospital Governance Professional Diploma

Date: January 8, 2025

Type: Programmed

AASTMT's Productivity and Quality Institute (PQI) invited applications for its hybrid Healthcare and Hospital Governance Professional Diploma. The programme aims to develop leadership, governance and risk management skills for healthcare professionals. The Professional Diploma was **open to the public** and attracted **20 participants**.



Evidence: Diploma Invitation link

PQI organized Patient Safety Workshop

Date: October 23, 2024

Type: Ad-hoc

The Productivity and Quality Institute (PQI) organized a workshop titled "Patient Safety," led by Dr. Mohamed Abdelkerim at Wabour Al-Maiah in Alexandria. The event was organized in collaboration with the Alexandria Health Affairs Directorate and was attended by leaders from various medical sectors and departments within the directorate. Patient safety is essential for minimizing errors and adverse outcomes in healthcare, and strengthening patient safety is a continuous commitment that requires the dedication of every level within the healthcare system.



Evidence: AASTMT News

Graduation of the Second GAHAR EGYCAP Healthcare Accreditation Cohort

Date: May 15, 2025
Type: Programmed

PQI took part in delivering the “GAHAR EGYCAP” professional program with the General Authority for Healthcare Accreditation and Regulation (GAHAR) and marked the graduation of its second cohort of 52 participants from public and private health institutions. PQI, a GAHAR-accredited provider, trained a group of them in accreditation principles, GAHAR standards and audit requirements, gap analysis and corrective action planning, and tools for evaluating facility performance. GAHAR's chairman presented the certificates.



Evidence: AASTMT News

Graduation of a Libyan Cohort in Occupational Health and Safety

Date: May 12, 2025
Type: Programmed

PQI held the graduation of **23** professionals from Libyan oil and gas institutions who had completed its six-month Professional Diploma in Occupational Health and Safety at the Janaklis Campus in Alexandria. The diploma had eight core subjects taught with an applied method, and graduates also received an internationally accredited safety certificate.



Evidence: AASTMT News

ISO 17025 Course for Staff of Sidi Kerir Petrochemicals (SIDPEC)

Date: September 17, 2024

Type: Ad-hoc

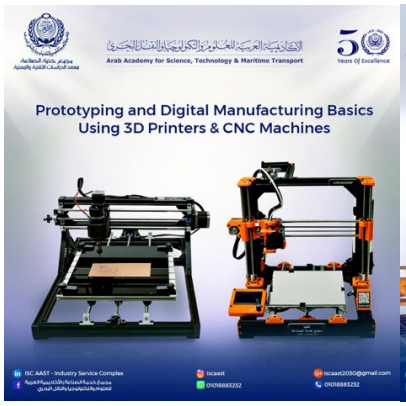
PQI delivered a five-day course on the general requirements for the competence of testing and calibration laboratories (ISO 17025) to employees of Sidi Kerir Petrochemicals Company, led by Dr. Tarek Awad. The standard sets the technical competence, quality assurance and management requirements that make laboratory results precise and dependable.



Evidence: AASTMT News

Arduino Programming and Digital Manufacturing Courses for Young Learners
Type: Ad-hoc
Date: Date: July 21, 2025

The announcement invites young learners aged 12–18 to register for two practical technical courses. The **Arduino Fundamentals** course introduces Arduino programming and electronic control using components such as sensors and motors. The **Digital Manufacturing and Prototyping** course covers 3D printing and CNC manufacturing fundamentals, 3D modelling in SolidWorks, preparing models for printing with slicing software, and electronic circuit design in Altium Designer. Both courses are designed to develop practical skills through instructor-led activities.





Evidence: Public course announcement

Solar Energy Training Course with Caritas Egypt

Date: 3 June 2025
Type: Programmed

AASTMT's Industry Service Complex delivered practical solar energy training in its laboratories in collaboration with **Caritas Egypt**. The training was supported by a **European Union grant** under the **Hand in Hand** project.



Evidence: Industry Service Complex Facebook post · AASTMT training report

Hydraulics Training Course for Lord International
Date: July 22, 2025
Type: Ad-hoc

As part of its training agreement with **Lord International**, AASTMT's Industry Service Complex delivered a **hydraulics training course at the company's premises**. The course was one of several training activities agreed upon under the partnership.



Evidence: Industry Service Complex announcement

Vocational Training and Capacity Building Programme for Refugees and Asylum Seekers

Date: 31 August 2025
Type: Programmed

AASTMT's Industry Service Complex, in collaboration with **UNHCR**, announced a vocational training programme for refugees and asylum seekers in **Cairo, Alexandria and Aswan**. The programme covers **basic carpentry, occupational health and safety, and electrical and mechanical maintenance**. Participants who complete the training receive an **AASTMT-accredited certificate of completion** and have the opportunity to take part in a job fair.



Evidence: Official Industry Service Complex announcement · UNHCR application form

Professional Diploma in Digital Transformation for Executives

Date: August 22, 2025
Type: Programmed (SDG 4.3.3) — public call for applications.

AASTMT's Industry Service Complex and Smart Factory Co. announced a professional diploma for executives, team leaders and other professionals. The programme covers digital transformation strategy, Industry 4.0, organisational change and digital tools for implementing lean practices.



Evidence: Original Industry Service Complex announcement

ISO 14001 Lead Auditor Course for Petromaint Company

Date: September 25, 2024
Type: Ad-hoc

PQI delivered its ISO 14001 Lead Auditor course for Petromaint Company with Dr. Mohamed Mounir. The course prepares professionals to audit environmental management systems efficiently against the ISO 14001 standard.



Evidence: AASTMT News

Certificates for the Second Group of the Healthcare Excellence and Quality Diploma

Date: October 2, 2024
Type: Programmed

After the first batch, PQI awarded certificates to the second group of its Professional Diploma in Healthcare Excellence and Quality, run with the Alexandria Health Affairs Directorate and its training department. The diploma prepares health professionals to lead quality and safety initiatives in their organizations.



Evidence: AASTMT News

Completion of the Second Group of the Leadership and Supervisory Skills Diploma for Mellitah

Date: October 28, 2024
Type: Programmed

The second group of the Professional Diploma in Leadership and Supervisory Skills, delivered by PQI for leaders from Mellitah Oil and Gas Company (Libya), completed the program. Over several months participants attended lectures and interactive workshops on strategic leadership, effective management and the practical tools for current management challenges.



Evidence: AASTMT News

Graduation of the Second Cohort of the Infection Control Diploma

Date: February 9, 2025
Type: Programmed

PQI celebrated the graduation of the second cohort of its Professional Diploma in Infection Control, run with the Alexandria Health Directorate. PQI's dean presented certificates at the ceremony. The diploma strengthens infection control in health institutions and gives front-line staff practical skills in line with national and international standards.



Evidence: AASTMT News

Total Productive Maintenance Course for Alex Form Company

Date: September 18, 2024
Type: Ad-hoc

PQI ran a course on Total Productive Maintenance (TPM) for Alex Form Company, taught by Dr. Mohamed Fathy. TPM treats maintenance as a shared responsibility across the organization and aims at continuous improvement in operations.



Evidence: AASTMT News

College of Dentistry Training Course for the Ministry of Health

Date: September 25, 2024
Type: Ad-hoc

The College of Dentistry gave a training course in Marsa Matrouh for Ministry of Health staff, designed to build the skills and knowledge of health professionals in the governorate. The course forms part of the college's support for dental education and national health development.



Evidence: AASTMT News

Launch of the Second Cohort of the Medical Laboratory Quality and Accreditation Diploma

Date: February 10, 2025
Type: Programmed

PQI launched the second cohort of its Professional Diploma in Medical Laboratory Quality and Accreditation with the Saudi German Hospital, under program director Prof. Dr. Rania El Sharkawy. The diploma teaches laboratory professionals to apply quality management and accreditation standards in clinical laboratories.



Evidence: AASTMT News

Graduation of the Sixth Cohort of the Healthcare Quality Diploma

Date: February 11, 2025
Type: Programmed

PQI celebrated the graduation of the sixth cohort of its Healthcare Quality Diploma, delivered with the Alexandria Pharmacists Syndicate. Graduates received their certificates in a ceremony attended by a PQI representative and the head of the syndicate. The diploma gives participants the frameworks to introduce and sustain quality improvement in health institutions.



Evidence: AASTMT News

Graduation of the First Cohort of the Excellence in Healthcare Facility Management Diploma

Date: April 8, 2025
Type: Programmed

PQI marked the graduation of the first cohort of its Professional Diploma in Excellence in Healthcare Facility Management. The Ministry of Health's undersecretary in Alexandria attended and spoke about the need for trained health administrators. The diploma combines academic content with practice and is one of PQI's main programs for institutional development in healthcare.



Evidence: AASTMT News

Launch of the Occupational Health and Safety Diploma for Civil Protection Leaders in Aswan

Date: May 9, 2025
Type: Programmed

PQI launched a Professional Diploma in Occupational Health and Safety with the Civil Protection Sector in Aswan. The first session, "Introduction to Health and Safety at Work", ran from April 29 to May 9, 2025 under Dr. Ahmed Shoair and Eng. Albert Anis, and the diploma gives front-line leaders current knowledge for managing occupational risk.



Evidence: AASTMT News

Graduation of the First Batch of Certified Professional Mediators in Transport and Logistics

Date: June 3, 2025
Type: Programmed

The College of International Transport and Logistics (CITL) celebrated the graduation of the first batch of Certified Professional Mediators in transport, logistics and international trade. The certificate program teaches alternative dispute resolution, mediation and negotiation techniques and the legal frameworks of mediation in Arab countries. The cohort came from logistics, trade and transport companies and included a member of the Egyptian Parliament.



Evidence: AASTMT News

Launch of the Second Cohort of the Occupational Health and Safety Diploma for the Libyan Oil Sector

Date: July 6, 2025
Type: Programmed

PQI launched the second cohort of its Occupational Health and Safety Diploma at its Alexandria campus for professionals in the Libyan oil and gas sector. The program covers safety and risk management systems, ISO 45001, work environment assessment and accident prevention, emergency preparedness and industrial first aid, and the building of a proactive safety culture. It follows a first round that PQI reports achieved good engagement.



Evidence: AASTMT News

Graduation of the Seventh Cohort of the Healthcare Quality Management Diploma

Date: July 19, 2025
Type: Programmed

With the Alexandria Pharmacists Syndicate, PQI celebrated the graduation of the seventh cohort of its Professional Diploma in Healthcare Quality Management at the syndicate's beach club on July 19, 2025. Diploma participants, faculty and representatives of PQI and the syndicate attended.



Evidence: AASTMT News

Cooperation Agreement and Launch of a Professional Diploma in Digital Transformation

Date: May 19, 2025

Supporting evidence: cooperation agreement and program announcement; programmed provision. The Industry Service Complex signed a cooperation agreement with Smart Factory for Industrial Projects during the Academy's Advisory Council for Industry on May 19, 2025, to launch a professional diploma in Digital Transformation. The diploma prepares industrial and administrative professionals to lead digital change and covers Industry 4.0 technologies, data management, automation, artificial intelligence, system integration and change management.



Evidence: AASTMT News

Launch of the Total Quality Management and Lean Six Sigma Diploma for the Libyan Oil Sector

Date: July 27, 2025

Type: Programmed

PQI launched a specialized diploma in Total Quality Management and Lean Six Sigma at the Maritime Training and Simulation Center in Sheraton, Cairo, on July 27, 2025, with leading Libyan oil companies. The first cohort has 12 trainees. The year-long program covers quality, lean management, data analysis and Six Sigma through applied sessions, and Dr. Ehab Mahmoud gave the opening session.



Evidence: AASTMT News

Graduation of the Fourth Cohort of the Food Industries Quality and Safety Diploma

Date: August 10, 2025
Type: Programmed

PQI celebrated the graduation of the fourth cohort of its Professional Diploma in Food Industries Quality and Safety. The secretary general of the Agricultural Professions Syndicate and the syndicate's program coordinator attended and praised the graduates and the academic and applied parts of the program.



Evidence: AASTMT News

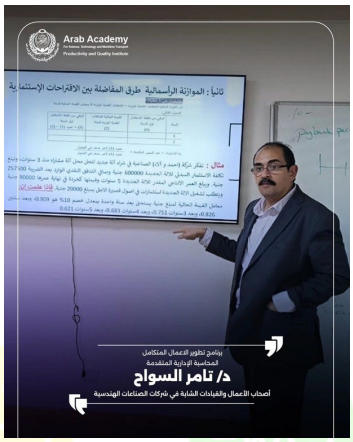
Advanced Management Accounting Program for Engineering Industries Companies

Date: December 16, 2025

Type: Programmed

PQI delivered the Advanced Management Accounting program, part of the Integrated Business Development Program, with the Engineering Industries Chamber and the support of the Industrial Modernization Center. Dr. Tamer El-Sawah taught it from December 9 to 16, 2025 at the Chamber's Alexandria headquarters for business owners and young leaders of engineering companies, covering financial analysis and decision making. Reporting-period note: This activity is dated December 2025, after the September 2025 reporting-period end

stated in the executive summary; it is retained as additional institutional evidence and should not be counted in the reporting-period activity total.



Evidence: AASTMT News

Total Productive Maintenance Course for Alex Form Company

Date: September 18, 2024
Type: Ad-hoc

PQI ran a course on Total Productive Maintenance (TPM) for Alex Form Company, taught by Dr. Mohamed Fathy. TPM treats maintenance as a shared responsibility across the organization and aims at continuous improvement in operations.



Evidence: AASTMT News

College of Dentistry Training Course for the Ministry of Health in Marsa Matrouh

Date: September 25, 2024
Type: Ad-hoc

The College of Dentistry gave a training course in Marsa Matrouh for Ministry of Health staff, designed to build the skills and knowledge of health professionals in the governorate. The course forms part of the college's support for dental education and national health development.



Evidence: AASTMT News

ISO 9001 Course for Alexandria Water Company

Date: October 10, 2024
Type: Ad-hoc

PQI offered a course titled “Understanding ISO 9001” for Alexandria Water Company, taught by Dr. Ehab Abdullah. It presented ISO 9001 as a framework for continual improvement and focused on understanding customer needs and exceeding them.



Evidence: AASTMT News

Second Round of the Quality Control Program for Ezz El Dekhila

Date: October 29, 2024
Type: **Programmed**

PQI delivered the second round of its Quality Control training program at the Ezz El Dekhila headquarters, taught by Dr. Ali El Damaty, as part of its continuing training work with the company. This was the documented second round of the company’s continuing quality-control training series.



Evidence: AASTMT News

BRCGS Food Safety Course for Silo Foods

Date: November 11, 2024
Type: Ad-hoc

PQI delivered a course on the BRCGS Food Safety Global Standard for Silo Foods Company with Dr. Moustafa Elsayed. The standard sets out food safety, quality and operational requirements for food manufacturers and food service organizations and is widely accepted worldwide.



Evidence: AASTMT News

NEBOSH IGC Course for Petromaint Company

Date: November 20, 2024
Type: Ad-hoc

PQI ran the NEBOSH International General Certificate course for Petromaint Company with Dr. Hazem Soliman, adding to its record of occupational safety and health courses. NEBOSH qualifications are recognized internationally for professionals in health, safety and environmental management.



Evidence: AASTMT News

Quality Workshop for Medical Graduates

Date: December 2, 2024
Type: Ad-hoc

PQI held the workshop "Modern Quality Pearls for Medical Graduates" with Dr. Ahmed El-Damaty of the Faculty of Medicine, Alexandria University, together with the faculty's mandatory training program for interns. The director of that program for trainee doctors at Alexandria University Hospitals attended.



Evidence: AASTMT News

Safety and Risk Management Courses for Mellitah Oil & Gas

Date: January 6, 2025
Type: Ad-hoc

PQI taught two courses for Mellitah Oil & Gas Company (Libya). The first covered ISO 45001 requirements and internal auditing, led by Dr. Mohamed Mounir. The second, led by Dr. Hazem Suleiman, covered occupational hazards in the oil and gas industry and the methods for identifying them and controlling the risks.



Evidence: AASTMT News

HAZOP Risk Management Course for Mellitah Oil & Gas

Date: February 2, 2025
Type: Ad-hoc

PQI delivered a course on risk management and operational risk assessment using the HAZOP method for Mellitah Oil & Gas Company (Libya), presented by Dr. Khaled El Semlawy.



Evidence: AASTMT News

Organizational Excellence Course for the Holding Company for Water and Wastewater

Date: February 3, 2025
Type: Ad-hoc

PQI trained staff of the Holding Company for Water and Wastewater in organizational excellence and sustainability, with Dr. Mohamed Mounir. Topics included global excellence models, the integration of sustainability into operational planning, and the tools for assessing and improving institutional performance.



Evidence: AASTMT News

Occupational Health and Safety Awareness Course for Mellitah Oil & Gas

Date: February 4, 2025
Type: Ad-hoc

PQI organized a course on occupational health and safety concepts for Mellitah Oil & Gas Company (Libya), taught by Dr. Yasser Abdel-Muttaleb. It covered core safety principles and risk identification, and participants discussed real examples and ways to apply safety protocols in operations.



Evidence: AASTMT News

Job Hazard Analysis Course for Mellitah Oil & Gas

Date: February 5, 2025
Type: Ad-hoc

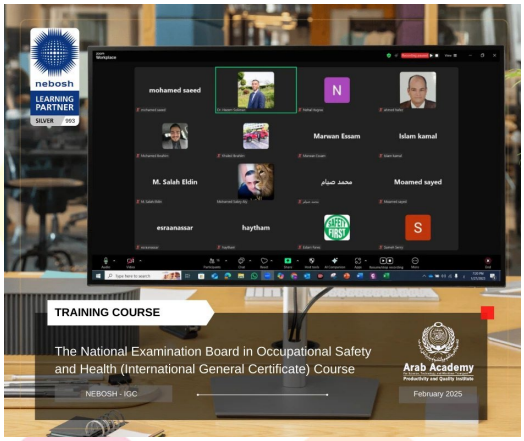
PQI gave Mellitah Oil & Gas (Libya) a course on job hazard analysis and workplace safety, presented by Dr. Khaled Gougou. Participants practised hazard identification and risk assessment techniques and discussed practical ways to improve safety in the oil and gas sector.

Evidence: AASTMT News

NEBOSH International General Certificate Course Led by Dr. Hazem Soliman

Date: February 6, 2025
Type: Programmed

PQI delivered the NEBOSH International General Certificate (IGC) program under the supervision of Dr. Hazem Soliman, an internationally certified safety trainer. Participants studied risk assessment methods, the legal duties of employers and ways to improve occupational health performance.



Evidence: AASTMT News

Workplace Risk Analysis and Safety Course for Mellitah Oil & Gas

Date: April 17, 2025
Type: Ad-hoc

PQI held a hands-on course on workplace risk analysis and safety for employees of Mellitah Oil & Gas (Libya) from April 13 to 24, 2025, taught by Dr. Ahmed Shoair, Director of the Institute of Technical and Vocational Studies. Participants practised identifying, evaluating and reducing occupational hazards.



Evidence: AASTMT News

Total Quality Management Course for Al Ezz Dekheila Steel

Date: April 17, 2025
Type: Ad-hoc

PQI delivered a Total Quality Management course for managers of Al Ezz Dekheila Steel (EZDK) from April 13 to 17, 2025, taught by Prof. Dr. Tarek Awad. It covered TQM principles, strategic tools and implementation methods for operational excellence.

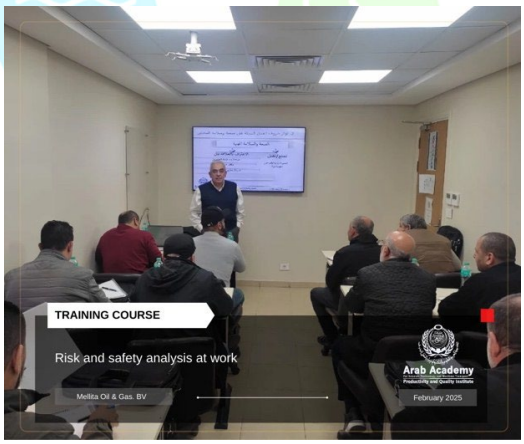


Evidence: AASTMT News

Workplace Risk and Safety Analysis Course for Mellitah Oil & Gas

Date: April 18, 2025
Type: Ad-hoc

PQI delivered a second workplace risk and safety analysis course to Mellitah Oil & Gas (Libya) employees, taught by Eng. Albert Anis. It aimed to build skills in identifying, analyzing and controlling hazards in high-risk settings such as oil and gas, and it belongs to a series of customized safety courses for companies.



Evidence: AASTMT News

ISO 45001 Training for Food Craft Engineers

Date: May 10, 2025
Type: Ad-hoc

PQI delivered a three-day advanced ISO 45001:2018 program, led by Dr. Khaled El Semlawy, to a selected group of engineers from Food Craft. It covered the standard's requirements,

hazard identification and risk assessment, health and safety objectives, emergency preparedness and performance measurement, so that the team can build an occupational health and safety management system.



Evidence: AASTMT News

Virtual HAZOP Risk Management Course for Civil Protection Officers in Aswan

Date: July 18, 2025
Type: Programmed

As part of the Occupational Safety and Health Professional Diploma, PQI ran the online course "Risk Management and HAZOP Study during Operation", delivered by Dr. Islam Elbanna from July 18 to 29, 2025, for officers and leaders of the Civil Protection Sector in Aswan. It taught techniques for identifying and analyzing operational hazards with the HAZOP method.



Evidence: AASTMT News

High-Risk Food Safety Course for Silo Foods Staff

Date: July 20, 2025
Type: Ad-hoc

Silo Foods staff working in high-risk food environments took the course "High-Risk Food Safety" from July 20 to 22, 2025, presented by Dr. Moustafa Elsayed. It covered risk analysis, control points, contamination prevention and international good practice.

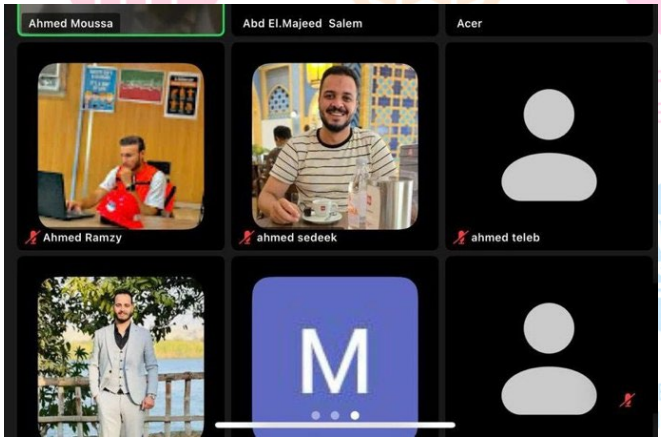


Evidence: AASTMT News

New Cohort of the NEBOSH International General Certificate

Date: July 26, 2025
Type: Programmed

PQI started a new cohort of the NEBOSH International General Certificate in Occupational Health and Safety for 21 participants from several sectors. The live online sessions ran from July 26 to August 5, 2025 with Dr. Ahmed Moussa, an expert certified by AASTMT and NEBOSH, and covered hazard identification, workplace risk management and safety leadership.



Evidence: AASTMT News

ISO 17025:2017 Equipment Calibration Course for Silo Foods

Date: August 13, 2025
Type: Ad-hoc

PQI trained the technical team of Silo Foods in El Sadat City on ISO 17025:2017 equipment calibration from August 11 to 13, 2025, with Dr. Mahmoud Zayda. Topics included measurement traceability, uncertainty evaluation, calibration procedures and technical documentation.



Evidence: AASTMT News

IRCA Approval of PQI's FSSC 22000 Version 6 Lead Auditor Course

Date: August 15, 2025
Supporting evidence: course accreditation; programmed provision.

CQI and IRCA approved PQI's FSSC 22000 Version 6 Lead Auditor Course (PR375). Participants can now earn an internationally recognized qualification that allows them to lead audits and apply food safety management systems under the FSSC 22000 scheme.



This certificate is awarded to

Arab Academy For Science And Technology And Maritime Transport

in recognition of its status as an Approved Training Partner and is now approved to present

PR375: FSSC 22000 Version 6 Lead Auditor

Approval Date: 12/08/2025
Course ID: 2755

Vince Desmond
Chief Executive Officer CQI

Evidence: AASTMT News

Operational Hazard Assessment Course for Mellitah Oil & Gas

Date: August 28, 2025
Type: Ad-hoc

PQI delivered the course “Risk Management and Operational Hazard Probability Assessment” to professional staff of Mellitah Oil & Gas (Libya). Dr. Islam Elbanna introduced the HAZOP method and taught participants to identify operational deviations and plan preventive measures.

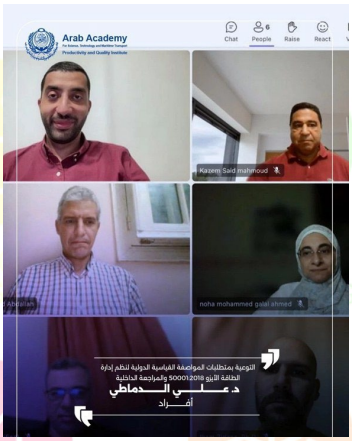
Evidence: AASTMT News

ISO 50001:2018 Energy Management Awareness and Internal Auditing Course

Date: October 11, 2025

Type: Ad-hoc

PQI ran a course on the requirements of ISO 50001:2018 and internal auditing of energy management systems, taught by Dr. Ali El Damaty for professionals from several sectors. Participants learned how energy management systems improve energy performance and how to carry out internal audits.



Evidence: AASTMT News

ISO 45001:2018 Course for Alexandria Drinking Water Company

Date: October 13, 2025

Type: Ad-hoc

PQI organized the course “Understanding the Requirements of ISO 45001:2018” for professionals of the Alexandria Drinking Water Company, taught by Dr. Mohamed Mounir. It covered the structure and requirements of the standard for occupational health and safety management systems.



Evidence: AASTMT News

Launch of the First NEBOSH-HSE Process Safety Management Cohort

Date: October 22, 2025

Type: Programmed

PQI in Alexandria launched the first cohort of the NEBOSH-HSE Process Safety Management program, accredited by NEBOSH UK with the UK Health and Safety Executive. The cohort has 19 senior professionals from Libyan oil companies and is taught by Dr. Hazem Soliman. The program responds to the need for process safety and risk management in sectors such as oil and gas.



Evidence: AASTMT News

AI Applications and Data Analysis Course

Date: November 1, 2025

Type: Ad-hoc

A 30-hour course in AI applications and data analysis, open to anyone interested and suitable for beginners, ran in ten sessions held twice a week from the start of November 2025. Dr. Mohamed Atef El-Khoreby and Dr. Dina A. Ragab taught it through classroom training, practical labs, homework and a final exam. The curriculum covered Python basics, data analysis and visualization, machine learning and an introduction to deep learning, and participants who passed the final project and exam with at least 90 percent attendance received an accredited digital certificate from AAST.



Evidence: AASTMT News; Registration form

Technical Training and Livelihoods Programs

Practical trade courses and skills projects run by the Industry Service Complex with Caritas Egypt, UNHCR and industry partners.

Dean's Visit to the Zueitina Oil Firefighting Course for Libyan Trainees

Date: December 1, 2024
Supporting evidence: monitoring visit to an ad-hoc company training course.

The Dean of the Industry Service Complex and the manager of the Technical and Vocational Institute visited Libyan trainees from Zueitina Oil Company to follow their firefighting course, led by Dean Sherif El-Hawary, at the Academy's premises in Sheraton.



Evidence: AASTMT News

Final Day of the First Small and Medium Enterprises Course with Caritas Egypt

Date: March 2, 2025
Type: Programmed

The first Small and Medium Enterprises (SME) course, run with Caritas Egypt and funded by a grant from the International Labour Organization (ILO), reached its final day.

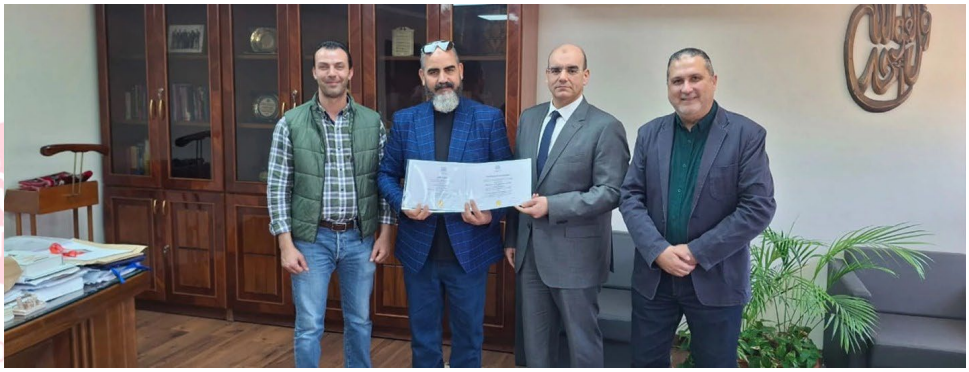


Evidence: AASTMT News

Closing of the Automotive Fault Diagnosis Program for Zueitina Oil Company

Date: April 22, 2025
Type: Programmed

The six-month Automotive Fault Diagnosis Program for Zueitina Oil Company ended at the workshops and laboratories of the Industry Service Complex, run with the BMW Egypt Service Center and the Mitsubishi Motors Egypt Service Center. Trainees practised fault detection and diagnosis on current equipment.



Evidence: AASTMT News

Second Group of the Automotive Fault Diagnosis Course with Caritas Egypt

Date: April 22, 2025
Type: Programmed

The second group of the Automotive Fault Diagnosis Course trained at the Industry Service Complex workshops, in cooperation with Caritas Egypt and with a grant from Caritas Austria.



Evidence: AASTMT News

First Group of the Industrial Electrical Maintenance Course with Caritas Egypt

Date: April 22, 2025
Type: Programmed

The first group of the Industrial Electrical Maintenance course trained at the Industry Service Complex workshops, in cooperation with Caritas Egypt and sponsored by Caritas Austria.



Evidence: AASTMT News

Electrical Maintenance Courses for Factories with Caritas Egypt

Date: April 27, 2025
Type: Programmed

The Industry Service Complex laboratories hosted electrical maintenance courses for factories with Caritas Egypt, supported by a Caritas Austria grant for the Learning and Employment Opportunities Project for refugees, asylum seekers and migrant youth in Egypt.



Evidence: AASTMT News

Completion of the Digital Transformation Program for Small and Medium Enterprises

Date: April 29, 2025
Type: Programmed

Under the memorandum of understanding between the Industry Service Complex and Caritas Egypt, the Complex completed a Digital Transformation Program for SMEs. Between February and April 2025 it delivered five courses to 60 trainees, funded by an ILO grant.



Evidence: AASTMT News

Solar Energy Course with Caritas Egypt under the “Hand in Hand” Project

Date: June 3, 2025
Type: Programmed

Trainees took part in the Solar Energy course at the Industry Service Complex workshops, run with Caritas Egypt and sponsored by the European Union under the “Hand in Hand” project.

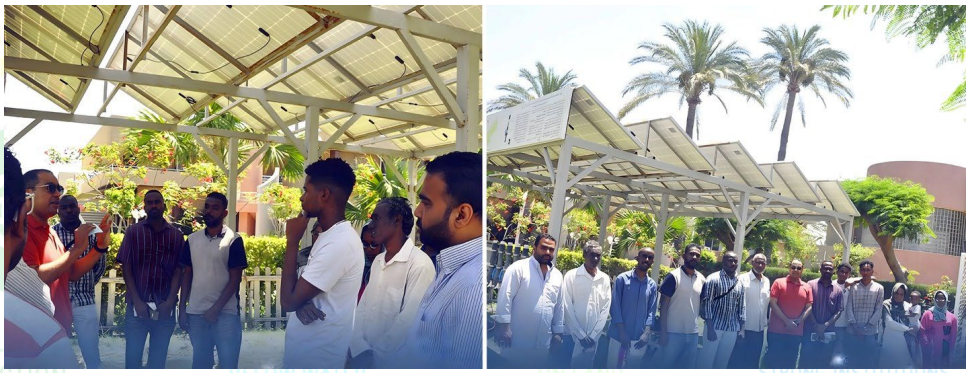


Evidence: AASTMT News

Practical Training for the Solar Energy Course with Caritas Egypt

Date: June 18, 2025
Type: Programmed

Participants in the Solar Energy course took part in practical training at the Academy, run with Caritas Egypt.



Evidence: AASTMT News

Hydraulics Course under the Agreement with Lord International

Date: July 21, 2025
Type: **Programmed**

Under its agreement with Lord International, the Industry Service Complex ran a hydraulics course at the company's premises, one of a series of agreed training programs. Delivered within the continuing training series established under the Lord International cooperation agreement.



Evidence: AASTMT News

Graduation of 126 Trainees in the UNHCR Skills Development for Livelihoods Project

Date: December 4, 2025

Type: Programmed

AASTMT celebrated the graduation of 126 trainees in the "Skills Development for Livelihoods" project, run with the United Nations High Commissioner for Refugees (UNHCR). The Industry Service Complex implemented the project through the Technical and Vocational Institute and used the Abu Qir workshops and laboratories to teach welding, electrical work, occupational safety and automotive mechanics. The Academy's Vice President for Education and Student Affairs spoke on the President's behalf, UNHCR officials attended, and a job fair connected graduates with employers.



Evidence: AASTMT News

Graduation of 98 Trainees in the UNHCR Skills Development for Livelihoods Project

Date: December 17, 2025

Type: Programmed

AASTMT held a second graduation under the UNHCR "Skills Development for Livelihoods" project, this time for 98 trainees. The Industry Service Complex and the Technical and Vocational Institute ran the training in the Abu Qir workshops, covering welding, electrical work, occupational safety and automotive mechanics. UNHCR's representative in Egypt and

the League of Arab States and several UNHCR officers attended, and the day ended with a job fair.



Evidence: AASTMT News

Graduation of 56 Trainees in the UNHCR Skills Development for Livelihoods Project

Date: December 23, 2025

Type: Programmed

A third graduation under the UNHCR “Skills Development for Livelihoods” project qualified 56 trainees. The South Valley Branch's deputy manager for executive affairs spoke for the Academy President, UNHCR's deputy representative addressed the ceremony online, and the Industry Service Complex described how its workshops taught the trainees welding, electrical work, occupational safety and automotive mechanics. A job fair for graduates closed the day.



Evidence: AASTMT News

Productivity and Quality Institute Participates in a Workshop on Integrating Awareness and Communication Strategies for Sustainable Development and Water Conservation

Date: November 20, 2024

Type: Ad-hoc

As part of its commitment to supporting sustainable development, quality culture, and the efficient use of resources , the Productivity and Quality Institute—Arab Academy for Science, Technology, and Maritime Transport—participated in the workshop entitled “Integrating Awareness and Communication Strategies for Sustainable Development and Water Conservation.” The workshop was organized by the Holding Company for Water and Wastewater , in cooperation with the Enhancing Sustainability of Water and Sanitation Services in Upper Egypt Project , funded by the Embassy of the Netherlands , and was held in Cairo from 17 to 20 November 2024 . The institute was represented by Dr. Ehab Bayoumi—lecturer and consultant in quality management and excellence. The participation reflects PQI’s commitment to strengthening the integration of quality, institutional excellence, sustainability, and community awareness , while supporting initiatives aimed at promoting water conservation and enhancing the sustainability of public services.



Evidence: AASTMT News

Advanced ISO 45001:2018 Lead Auditor Training Delivered for Melitah Oil & Gas – Libya

Date: May 6, 2025

Type: Ad-hoc

In its ongoing commitment to promoting occupational health and safety standards, the Productivity & Quality Institute (PQI) of the Arab Academy for Science, Technology & Maritime Transport conducted an advanced training course titled “ISO 45001:2018 Lead Auditor for Occupational Health & Safety Management Systems” for participants from Melitah Oil & Gas – Libya . The program was delivered by Dr. Mohamed Mounir , an international consultant and trainer in occupational health and safety systems. It aimed to enhance participants' capabilities in planning and executing internal audits in alignment with international ISO 45001 standards. The course combined theoretical foundations with hands-on audit simulations, empowering professionals to lead safety improvements across high-risk sectors.

Enhancing Quality Management through Statistical Quality Control

Date: October 16, 2024

Type: Ad-hoc

Implementing a robust quality management system can greatly support organizations in achieving continuous improvement and operational excellence. The Productivity and Quality Institute (PQI) is pleased to announce its latest training course, “Statistical Quality Control,” designed for Silo Foods Company, led by Dr. Hend Mesbah. Statistical Quality Control (SQC) is utilized across various sectors, including manufacturing, service industries, and healthcare, to: Monitor service quality. Control processes using statistical techniques to ensure reliability. Produce high-quality products that meet customer expectations.



Evidence: AASTMT News

Workshop on Applications of Institutional Performance Indicators for ACPA Company

Date: October 22, 2024

Type: Ad-hoc

The Productivity and Quality Institute at the Arab Academy for Science, Technology, and Maritime Transport organized a workshop titled "Applications of Institutional Performance Indicators" in collaboration with Alexandria Petroleum Additives Company (ACPA). The event was attended by Eng. Ahmed Abdel Sattar, Chairman of the Board and Managing Director of ACPA, alongside representatives from various departments of petroleum sector companies in Alexandria. Dr. Ehab Abdallah, a lecturer and quality management consultant at the Productivity and Quality Institute, led a session explaining the selection mechanism for performance indicators relevant to all departments. The indicators aim to enhance institutional performance, serving as critical tools for organizations to assess the success of their goals and improve individual performance levels.



Evidence: AASTMT News

Statistical Process Control (SPC) for Egypt Cable Company

Date: December 3, 2024

Type: Ad-hoc

Statistical Process Control (SPC) uses graphical and analytical tools to monitor, control, and improve processes performance. The Productivity and Quality Institute latest training course "Statistical Process Control" for Egypt Cable Company with Dr.Yasser Abd Elmoteleb. SPC is beneficial for organizations: Reduces process variability and defects. Enhances product and service quality. Provides objective, data-driven insights for decision-making



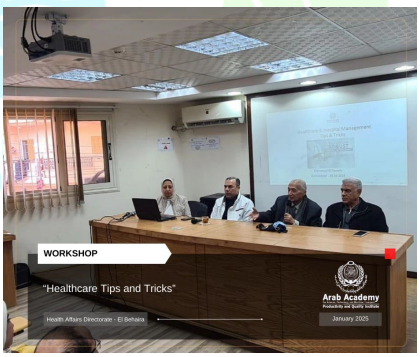
Evidence: AASTMT News

"Healthcare Tips and Tricks" Workshop Delivered in Collaboration with Beheira Health Directorate

Date: February 12, 2025

Type: Ad-hoc

In alignment with its mission to support quality improvement in healthcare services, the Productivity and Quality Institute (PQI) organized a specialized workshop titled "Healthcare Tips and Tricks" in collaboration with the Beheira Health Directorate , under the patronage of Prof. Dr. Sayed Abdel Gawad , Undersecretary of the Ministry of Health in Beheira. The workshop was delivered by Dr. Mahmoud El Damaty , Professor of Healthcare Management and Quality at the Arab Academy, who presented a series of innovative strategies and practical insights aimed at improving the quality of healthcare delivery in various clinical settings. The session targeted healthcare professionals and decision-makers and focused on optimizing patient-centered care, streamlining administrative processes, and applying real-world solutions to common challenges in the health sector. This initiative underscores PQI's role in driving continuous improvement in healthcare institutions and supporting local authorities in strengthening service performance and outcomes.



Evidence: AASTMT News

Graduation Projects Showcase for the First Cohort of the Professional Diploma in Medical Laboratory Quality and Accreditation

Date: August 4, 2025

Type: Programmed

In a practical embodiment of education aligned with healthcare sector needs, the Productivity and Quality Institute (PQI) – Arab Academy for Science, Technology and Maritime Transport – held the graduation project presentations for the first cohort of the Professional Diploma in

Medical Laboratory Quality and Accreditation . Supervised by Prof. Dr. Rania El Sharkawy , Professor of Clinical Pathology and Program Director, the sessions brought together a distinguished panel of faculty experts, including: Prof. Dr. Amina Hesab , Alexandria University Prof. Dr. Ola Sharaky , Alexandria University Prof. Dr. Mona Wagdy Ayad , Alexandria University Also present was Dr. Ibrahim Rostom , PQI's Assistant Dean for Training Affairs. The diploma participants presented applied projects covering critical themes such as laboratory performance evaluation, internal quality indicators, and process improvement strategies.

The panel commended the strong academic and professional quality of the work, noting the participants' ability to translate theoretical learning into practical tools applicable within real-life medical laboratory environments. This milestone reflects the diploma's success in equipping participants with essential competencies for advancing quality and accreditation in the healthcare sector. It also aligns with PQI's mission to foster specialized applied education that directly meets labor market needs in healthcare.



Evidence: AASTMT News