

## 4.3.3 Vocational training events (lifelong learning)

The Arab Academy for Science, Technology, and Maritime Transport (AAST) fosters public learning through diverse events and workshops, open to all and designed to deliver practical, hands-on education. Key offerings include Executive Education Programs, which provide short, targeted courses for professionals to enhance industry-specific knowledge and career skills, and Vocational Training, focused on workforce readiness and practical skill development to support lifelong learning and employability across various industries. Key institutes like the Port Training Institute (PTI), with over 40 years of expertise, has trained more than 100,000+ individuals across 13 departments and 425 programs, focusing on maritime and port training. The Productivity and Quality Institute (PQI) provides executive education and consultancy services in areas such as quality management, environmental safety, and human resource development, supporting businesses, hospitals, and government sectors with over 35,000 training hours and 15,000+ trained participants. The Technical and Vocational Institute (TVI) delivers industry-focused applied education and accredited vocational training through Person BTEC certification to meet workforce demands. The Community Service and Continuing Education Center targets youth aged 4–16 through summer programs combining scientific and recreational activities in fields like computer programming, graphic design, and robotics. Additionally, the International Examination Centre (I.E.C) offers globally recognized exams, including Cambridge certifications, IELTS, and CELTA, alongside preparation courses and summer school programs, fostering linguistic and professional development for diverse learners. These programs are available both on a Programmed and Ad-hoc basis, catering to various learning needs.

### GMP and Global Regulatory Framework Training Course

Date: Aug 28, 2024

Type: Adhoc

The Productivity and Quality Institute (PQI) is pleased to present our latest training course, “GMP & Global Regulatory Framework,” specifically tailored for Silo Foods Company in collaboration with Dr. Moustafa Elsayed. This course is designed to minimize production risks that cannot be eliminated through testing the final product. We aim to assist your organization in achieving excellence by covering all aspects of production, including raw materials, facilities, equipment, and staff training.



[Website Link](#)

## Food Safety Professional Diploma Certificate Ceremony

Date: Aug 30, 2024

Type: On Programmed

The Productivity and Quality Institute recently hosted the certificate-giving ceremony for the seventh cohort of the Professional Diploma program in "Food Safety." The ceremony was attended by Dr. Mohamed Abdrabou, Dean of the Institute, and Dr. Hanaa Amer, Head of the Development Department. It was held in collaboration with the Veterinarians Syndicate, represented by Dr. Ghada Hussein, and the Customs Testing Laboratory, represented by Dr. Ahmed Ayad. The program's lecturers, Dr. Amr Amer and Marwa Radwan, were also present.



[Website Link](#)

## The Occupational Safety and Health Training for 43 Sudanese Participants in Collaboration with Caritas and Funded by GIZ

Date: Mar 10, 2024

Type: Adhoc

The final day of the Occupational Safety and Health training program was successfully held for 43 Sudanese participants, organized by the Arab Academy for Science, Technology and Maritime Transport in collaboration with Caritas Egypt and funded by GIZ. The training aimed to develop participants' competencies in workplace safety management, risk assessment, and emergency preparedness, ensuring a safer and more sustainable work environment.



[Website Link](#) [Facebook](#)



## Celebration of the Fifth Batch of the Healthcare Quality Management Professional Diploma Program

Date: Aug 12, 2024

Type: On Programmed

The Productivity and Quality Institute proudly celebrated the graduation of the fifth batch of the Professional Diploma Program in “Healthcare Quality Management.” This event was held in collaboration with the Alexandria Pharmacists Syndicate.



[Website Link](#)

## Understanding of Occupational Health and Safety Management System Requirements ISO 45001 Training course

Date: Aug 20, 2024

Type: On Programmed

The Productivity and Quality Institute recognizes the significance of adhering to international standards. In our recent training course, “Understanding of Occupational Health and Safety Management System Requirements ISO 45001,” we collaborated with Inciflex Company and Dr. Khaled El Semelawy. ISO 45001 is an international standard that outlines the requirements for an occupational health and safety (OH&S) management system. This standard offers a framework to effectively manage:

- Risks and opportunities
- Prevention of work-related injuries
- Improvement of occupational health and safety (OHS) performance within organizations.



[Website Link](#)

## Graduation of the First Group of the Professional Diploma in Administrative and Supervisory Skills

Date: Aug 01, 2024

Type: Adhoc

The Productivity and Quality Institute is thrilled to announce the successful completion of the Professional Diploma in Administrative and Supervisory Skills, Group 1, held in Alexandria in collaboration with Mellitah Oil and Gas Company - National Oil Corporation (Libya). The ceremony was attended by Dr. Mohamed Abdrabou, Dean of the Institute; Dr. Mohamed Wahba; Dr. Moustafa El Mokadem; Dr. Nagy Elbayoumi; and Mr. Moustafa Elsharkasy, Head of the Training Department. During the event, students shared their appreciation for the efforts invested in delivering the diploma and highlighted the valuable insights and skills it provided, benefiting both the staff and the company overall.



[website link](#)



## The Refrigeration and Air Conditioning Course at the Industry Service Complex

Date: April 22, 2024

Type: On Programmed

The Arab Academy for Science, Technology and Maritime Transport announces the start of registration for the Refrigeration and Air Conditioning Course at the Industry Service Complex in Abu Qir, Alexandria. This five-day (30-hour) practical training course aims to equip participants with the latest scientific and technical knowledge in the field of refrigeration and air conditioning. The program includes hands-on training on periodic maintenance, fault detection, troubleshooting, and maintaining the efficiency of related systems. Participants will also gain comprehensive theoretical knowledge of cooling and air conditioning systems. Upon completion, trainees will receive an internationally recognized certificate from the Academy, which can be officially authenticated by the Ministry of Foreign Affairs.



[Website Link](#), [Facebook](#)

## GMP in Food Safety with Food Craft Company

Date: Aug 06, 2024

Type: Adhoc

Join us at the Productivity and Quality Institute for our latest course, "GMP in Food Safety." This essential training, developed in partnership with Food Craft Company, delves into the critical role of Good Manufacturing Practices (GMP) in food safety management. Implementing GMP is fundamental for ensuring food products meet quality, safety, and regulatory standards. This course highlights benefits not only for manufacturers but also for consumers and the wider food industry, including:

- Improved Product Quality and Consistency
- Enhanced Consumer Trust and Confidence
- Proactive Risk Management
- Commitment to Sustainability



[Website link](#)

## Comprehensive Diploma in Occupational Safety and Health( OSHA Standards)

Date: Mar 30, 2024

Type: On Programmed

Now you can obtain a Comprehensive Diploma in Occupational Safety and Health offered by the Arab Academy for Science, Technology and Maritime Transport! Registration is now open for this professional diploma, which includes 11 specialized safety courses covering: General Industry Safety and Health (OSHA Standards), Construction Industry Safety (OSHA Standards), Risk Assessment and Management, Workplace Accident Investigation, Fire Leadership, Working at Heights, Work Permits, Confined Space Safety, Scaffold Safety (OSHA Standards), Cranes and Lifting Operations (OSHA Standards), and Emergency Planning and Crisis Management. Upon completing all 11 courses, trainees receive a 12th certificate – the Diploma in Occupational Safety and Health. The total program duration is 130 training hours, conducted online via Zoom, with both morning and evening sessions available to suit participants' schedules. Trainees may also choose to enroll in individual courses.



[Website Link](#), [Facebook](#)

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## Workshops on Performance Measurement Indicators and Institutional Excellence at the Alexandria Company for Petroleum Additives HQ

Date: Jul 18, 2024

Type: Adhoc

The Productivity and Quality Institute organized two workshops at the headquarters of the Alexandria Company for Petroleum Additives (ACPA) in Alexandria, titled "Performance Measurement Indicators" and "Institutional Excellence." The workshops were held in collaboration with the General Manager of Administrative Affairs and were attended by numerous company leaders. The workshops provided a detailed explanation of the mechanisms for selecting appropriate performance indicators for all production processes, including a set of standards and tools that aid in evaluating organizational efficiency and effectiveness. Additionally, the requirements for achieving institutional excellence across various sectors were reviewed.



[Website Link](#)

## ISO 45001 Lead Auditor Course

Date: JUL 11, 2024

Type: Adhoc

It's always a pleasure for the Productivity and Quality Institute to share with you its latest advancements, Introducing our most recent course, "ISO 45001 Lead Auditor," with Dr. Aly El Damaty for Petromaint Company. ISO 45001 trains individuals to

- Conduct audits of OH&S (occupational health and safety) management systems to ensure compliance with the standard.
- The goal is to enable organizations to provide safe and healthy workplaces and achieving excellence.



[Website Link](#)

## Healthcare Excellence and Quality Management Professional Diploma Third Patch

Date: Jul 07, 2024

Type: On Programmed

The PQI started the third batch of the Professional Diploma Program" Healthcare Excellence and Quality Management" In cooperation with the Alexandria Health Affairs Directorate. Which helps healthcare organizations achieve excellence and consistently deliver high-quality care to their patients and the system.



[Website Link](#)

## Food Safety Management System Training Course

Date: Jun 23, 2024

Type: On programmed

With a focus on understanding ISO 22000:2018 requirements, PQI is pleased to announce its most recent training course, "Food Safety Management System," with Dr. Moustafa Elsayed, in collaboration with Food Craft Company. ISO 22000:2018 is an international standard. designed to ensure food safety throughout the entire food supply chain. combines and supplements the core elements of ISO 9001 (Quality Management System).and Hazard Analysis and Critical Control Points (HACCP).





[Website Link](#)

## Administrative and Supervisory skills Professional Diploma Program

Date: Jun 06, 2024

Type: Adhoc

Carrying on with the Productivity And Quality Institute's training programs proposed under the diploma program" Administrative and Supervisory skills" Professional Diploma , In association with Mellitah Oil and Gas Company , a training course was held titled "Personal Change Management" with Dr. Nagy el Baioumy. Seeking Effective personal change management requires adapt.



[Website link](#)

## Quality Control Training Program

Date: May 29, 2024

Type: On programmed

To ensure both organizational success and product excellence, hashtag quality control plays a crucial role and so its an essential component for your sector. As part of the ongoing training programs with EZZ El Dekhila. The Productivity and Quality institute executed a training program "Quality control" with Dr. Ali Eldamaty, at the company's headquarter. Stay tuned for further updates



[Website link](#)

## Accreditation for Healthcare Organization Management Sixth Wave

Date: May 23, 2024

Type: On programmed

Healthcare facilities must adhere to strict quality and safety requirements to be accredited as a healthcare organization management system. And throughout this, The Productivity and Quality Institute announces the opening of the sixth batch in the Professional Diploma Program “Accreditation for Healthcare Organization Management.” In cooperation with the Directorate of Health Affairs, Al-Buhaira. Dr. Hani Gemiah, Undersecretary of the Ministry of Health, Training and Quality Management Department.



[Website Link](#)

## Certificates Delivery Quality management Professional Diploma

Date: May 27, 2024

Type: On programmed

The PQI proudly shares the graduation of 24 trainees of the fourth batch of the Professional Diploma “Quality Management” at the Egyptian Syndicate of Scientific Professions -Alexandria in the presence of Dr. Heba Salama, Consulting Department, and a number of the syndicate officials. Organization hoping to achieve significant and sustainable improvements must include quality management into its operations.





[Website Link](#)

## Healthcare Quality Management Professional Diploma Seventh Wave

Date: May 21, 2024

Type: On programmed

The Productivity and Quality Institute Launched the seventh batch. In the Professional Diploma Program "HealthCare Quality Management". In cooperation with the Alexandria Pharmacists Syndicate Our program typically covers various aspects of quality improvement, patient safety, risk management, and regulatory compliance within healthcare settings.



[Website Link](#)

## Launching Laboratory Quality and Accreditation Professional Diploma Wave (1)

Date: May 12, 2024

Type: Adhoc

The Productivity and Quality Institute eagerly announces the unveiling of a new diploma, "Laboratory Quality and Accreditation Professional Diploma," With Prof.Dr. Rania Elsharkawy, Prof. Clinical Pathology, Alexandria University and EgyLab Program Manager. The institute's headquarters hosted the first wave, in the presence of Dr. Mohamed AbdRabou, Dean of the institute, and Dr. Hanaa Amer.

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[Website Link](#)

## Statistical Design and Analysis of Experiments Course

Date: May 09, 2024

Type: Adhoc

The Productivity and Quality Institute held a training program titled "Statistical design and analysis of experiments" by Dr. Tarek Awad at EZZ El Dekhila headquarter. Assist the Company's staff to boost efficiency, optimize processes, and approach innovation like never before.



[Website Link](#)

## Professional Diploma in Healthcare Quality Management Program Certificates Delivery

Date: May 02, 2024

Type: On Programmed

Certificates were held for the fourth batch of the "Professional Diploma in Healthcare Quality Management" program in cooperation with the Alexandria Pharmacists Syndicate. In the presence of Dr. Mohamed AbdRabou, Dean of the Productivity and Quality Institute, Dr. Mohamed Onsy, Head of the Pharmacist Syndicate; Dr. Hanaa Amer, Head of the Business Development Department, and Dr. Mohamed Eltawil, Head of the Business Development Department.





[Website Link](#)

## First Aid course for Inci Flex Egypt for Industrial Trade Company

Date: Apr 18, 2024

Type: Adhoc

Being ready for emergencies and having first aid skills can make a big impact, possibly saving lives and lessening the severity of injuries. Our training department succeeded in offering a 2-day first aid training course to Inci Flex Egypt for Industrial Trade Company by Dr. Tarek Abdel Latif. Businesses can adopt Occupational Health and Safety, Reduced Risk of Workplace Accidents, and Emergency Preparedness if they recognize the value of providing first aid through their system.



[Website Link](#)

## Consulting contract for the Wood Technology Company (WOTECH)

Date: Apr 17, 2024

Type: Adhoc

This is a significant step that indicates the institute's eagerness to contract with major entities, as the goal of the consulting department is to provide high-caliber consulting services. The Institute has been enthusiastic to reveal a new consulting contract for one of the most important projects in Egypt and the Middle East, represented in the Wood Technology Company (WOTECH), based in the company's headquarters in Beheira Governorate.



[Website Link](#)

## PQI held Total Quality Management course for EZZ El Dekhila Company

Date: Mar 28, 2024

Type: Adhoc

With pleasure, The Productivity and Quality Institute assisted EZZ El Dekhila Company's to enhance its industrial quality management system through a "Total Quality Management" training course with Dr. Tarek Awad.

TQM principles help industrial organizations enhance product quality, increase efficiency, and ultimately, maintain a competitive edge in the market.

By embracing a holistic approach to quality management, the company can continuously strive for excellence and meet the evolving needs of their customers.



[Website Link](#)

## Administrative and Supervisory Skills Professional Diploma

Date: Feb 28, 2024

Type: Adhoc

Mellitah Oil and Gas Company is one of the biggest national oil and gas companies in Libya, and the Productivity and Quality Institute is excited to be partnered with them. PQI conducted



the first program to train the senior management cadres at the institute's headquarters in Alexandria, to provide designed training programs that meet the needs of Mellitah Company. The series of training programs proposed within the diploma aim to enhance the technical and professional capabilities of the company's employees, contribute to improving its overall performance, and develop human resources in the energy sector.



[Website Link](#)

## Quality and Safety of Food Industries Professional Diploma Program Wave 3

Date: Feb 22, 2024

Type: On Programmed

Following the success of the initial and second waves of Quality and Safety of Food Industries Professional Diploma Program, the third wave was effectively executed in collaboration with the Agricultural Syndicate, in the presence of Dr Sobhy Sallam -Head of Agricultural Syndicate- and Dr Mostafa Elsayed - PQI consultancy team .



[Website Link](#)

## Expand Your Horizons and Navigate New Realms with ISO 9001 Lead Auditor Course

Date: Feb 13, 2024

Type: Adhoc

Our course typically cover topics as auditing principles, techniques, methodologies, and the specific requirements of ISO 9001. While, ISO 9001 emphasizes the importance of process efficiency and optimization, leading to reduced waste, fewer errors, and improved productivity. To become a successful lead auditor you should be able to analyze complex data, and audit findings to draw accurate conclusions and make informed recommendations for improvement, as well as identifying root causes of non-conformities.



[Website Link](#)

## Fire Fighting Course

Date: Dec 12, 2023

Type: Adhoc

Firefighting training is of paramount importance for companies to ensure the safety of their personnel, protect valuable assets, and maintain business continuity. This training equips employees with the knowledge and skills needed to respond swiftly and effectively in the event of a fire emergency.

The "Firefighting" course, held at the headquarters of Inchi Flex Egypt for Trade, covered a range of topics presented by Dr. Mazen Hussein, a consultant in safety and occupational health. The course delved into detailed discussions on understanding fire prevention measures, the proper use of firefighting equipment, evacuation procedures, and the importance of a proactive approach in reducing potential risks and enhancing emergency preparedness for response teams.





[Website Link](#)

## Hazard Analysis Critical Control Point (HACCP) System Course

Date: Dec 11, 2023

Type: On Programmed

The HACCP system plays a pivotal role in the management of food safety, offering a systematic and preemptive strategy to guarantee the creation of secure and wholesome food items. Its adoption serves not only as a regulatory necessity but also as a strategic commitment aimed at fostering consumer confidence, enhancing market competitiveness, and contributing to the overall prosperity of food companies. The "Hazard Analysis and Critical Control Points (HACCP) System" Course delivered by Dr. Mustafa El-Sayed - lecturer and consultant in food safety systems - at the premises of Al Ahmadi for Chocolate and Food Industries, focused on identifying and evaluating potential risks in the company's processes. This enables the implementation of control measures to mitigate these risks. This interactive approach is vital to prevent foodborne illnesses and ensure the safety of the final food product.



[Website Link](#)

## QMS ISO 9001-2015 Lead Auditor Course

Date: Dec 11, 2023

Type: On Programmed

The ISO 9001:2015 Lead Auditor course certified by the International Register of Certificated Auditors (IRCA) provides trainees with a profound advantage in developing their expertise in quality management systems. This course ensures that participants acquire a comprehensive understanding of ISO 9001:2015 standards, enabling them to proficiently lead and conduct audits on quality management systems, thereby contributing to the improvement of quality processes within the organization. This was emphasized in the "Quality Management Systems ISO 9001:2015 Lead Auditor" course held at the Productivity and Quality Institute, delivered by Dr. Mohamed Monir - Management Systems lecturer and consultant -.



[Website Link](#)

## Seventh Cohort of Quality and Safety of Food Professional Diploma Commences

Date: Nov 30, 2023

Type: On programmed

Productivity and Quality Institute maintains its leadership in delivering professional diploma programs in the field of food quality and safety, in partnership with the Veterinary Doctors Syndicate in Alexandria and the Food Examination Laboratory at the Customs Authority. The first lectures of the seventh group of the Professional Diploma Program in Food Quality and Safety have commenced at the Arab Academy for Science and Technology – Wabour El Mayah.





[Website Link](#)

## Infection Control Workshop

Date: Nov 30, 2023

Type: Adhoc

Productivity and Quality Institute, in collaboration with Menoufia University and the Health Affairs Directorate, successfully conducted a workshop titled "Infection Control." The workshop, led by Dr. Inas El-Gweily - Lecturer and infection control consultant - focused on raising awareness about the dangers of infections, highlighting the latest practices and technologies in infection control, and emphasizing how to improve patient safety and deliver high-quality medical care. Dr. Inas El-Gweily, a leading expert in infection control, delivered insightful presentations and engaged participants in discussions on the importance of infection prevention and the implementation of best practices.



[Website Link](#)

## Patient Safety Workshop

Date: Nov 29, 2023

Type: Adhoc

Patient Safety Workshop in Collaboration between the Productivity and Quality Institute - Arab Academy for Science and Technology - and the Health Affairs Directorate in Al-Gharbia Governorate. A workshop titled "Patient Safety" was successfully conducted through joint organization between the Productivity and Quality Institute and the Arab Academy for Science and Technology, in collaboration with the Health Affairs Directorate in Al-Gharbia Governorate. The workshop witnessed broad participation from medical and administrative staff, aligning with efforts to enhance healthcare standards and ensure patient safety. The workshop, led by Dr. Abdullah Ibrahim - an expert and specialist in healthcare services management - focused on identifying best practices in healthcare.



[Website Link](#)

## Zueitina Oil Company – Libya after Completing the Occupational Safety and Health Diploma

Date: Aug 28, 2024

Type: Adhoc

As part of the Arab Academy for Science, Technology and Maritime Transport's commitment—represented by the Industry Service Complex (Institute for Technical and Vocational Studies)—to meeting the needs of factories and companies in Egypt and the Arab region through specialized training programs aimed at developing workforce skills in various industrial sectors, the Training Department at the Institute for Technical and Vocational Studies trained a group of engineers from the Zueitina Oil Company of Libya in the field of Occupational Safety and Health. The training took place over six months at the Academy's Sheraton branch. The closing ceremony of the diploma was attended by Prof. Dr. Khaled El-Kilany, Dean of the Industry Service Complex, Dr. Ahmed Shaeir, Director of the Institute for Technical and Vocational Studies, and Captain Mohamed El-Nabawy, representing Prof. Dr. El-Senousi Belbah, Vice President of the Academy for Maritime Affairs. During the ceremony, certificates of appreciation were presented to the participating engineers.





[Website Link](#) , [Facebook](#)

## Industrial Applications of Artificial Intelligence – Professional Diploma

Date: Aug 10, 2024

Type: On Programmed

As part of the Arab Academy for Science, Technology and Maritime Transport's ongoing commitment—represented by the Industry Service Complex (Institute for Technical and Vocational Studies)—to providing advanced training programs that align with the evolving needs of the labor market, the Academy is offering a 100-hour Professional Diploma in Artificial Intelligence (Industrial Applications of Artificial Intelligence). The program enables participants to complete ten real-world projects covering programming, machine learning, and deep learning applications, such as developing Python packages, predictive models, recommendation systems, object detection, chatbots, and more. Upon successful completion, trainees receive four course certificates and a professional diploma, preparing them to apply AI technologies effectively within industrial environments.



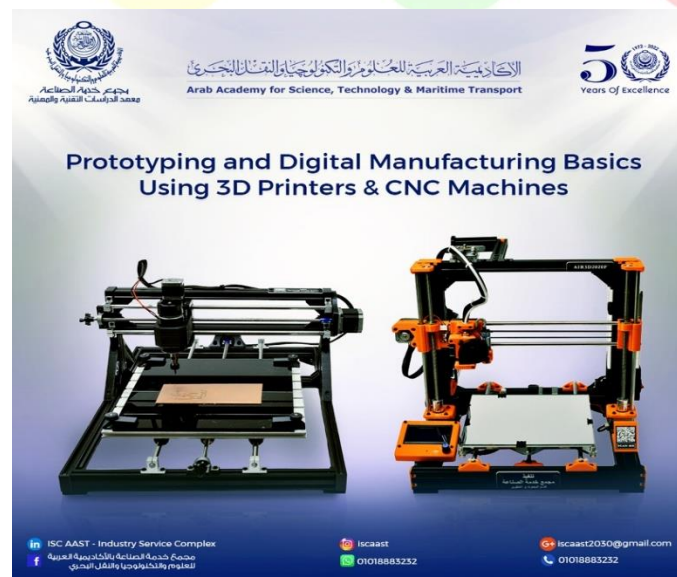
[Website Link](#) [Facebook](#)

## Basics of Prototyping and Digital Manufacturing Using 3D Printers and CNC Machines Course

Date: Aug 1, 2024

Type: Adhoc

Calling all future innovators! The Industry Service Complex at the Arab Academy for Science, Technology and Maritime Transport invites young minds aged 12 to 18 to join an exciting hands-on training course titled “Basics of Prototyping and Digital Manufacturing Using 3D Printers and CNC Machines.” Over five days (25 training hours), participants will explore the fundamentals of 3D printing technology and its applications, learn 3D model design using SolidWorks, prepare models for printing using slicing software, and gain introductory knowledge in electronics and circuit design with Altium Designer. Guided by expert instructors, students will engage in interactive, creative, and fun learning experiences that nurture innovation, problem-solving, and practical skills in digital manufacturing.



[Website Link](#)

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## Comprehensive Diploma in Occupational Safety and Health( OSHA Standards)

Date: Aug 10, 2024

Type: On Programmed

Now you can obtain a Comprehensive Diploma in Occupational Safety and Health offered by the Arab Academy for Science, Technology and Maritime Transport! Registration is now open for this professional diploma, which includes 11 specialized safety courses covering: General Industry Safety and Health (OSHA Standards), Construction Industry Safety (OSHA Standards), Risk Assessment and Management, Workplace Accident Investigation, Fire Leadership, Working at Heights, Work Permits, Confined Space Safety, Scaffold Safety (OSHA Standards), Cranes and Lifting Operations (OSHA Standards), and Emergency Planning and Crisis Management. Upon completing all 11 courses, trainees receive a 12th certificate – the Diploma in Occupational Safety and Health.





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## The Occupational Safety and Health Course for the Construction Industry (OSHA Standards) – In Collaboration with the Egyptian Liquefied Gas Company

Date: Jul 14, 2024

Type: Adhoc

The Arab Academy for Science, Technology and Maritime Transport, through the Industry Service Complex, celebrated the closing day of the Occupational Safety and Health Course for the Construction Industry conducted according to OSHA American Standards, in collaboration with the Egyptian Liquefied Gas Company. This course is part of the Academy's comprehensive professional program in Occupational Safety and Health, which includes 11 specialized courses covering essential safety topics such as general and construction industry safety, risk assessment and management, accident investigation, fire leadership, working at heights, work permits, confined spaces, scaffolding, cranes and lifting operations, and emergency planning. Upon completing all courses, participants receive a Comprehensive Diploma in Occupational Safety and Health totaling 130 training hours.



[Website Link](#) [Facebook](#)

## The Electrical Maintenance Course in Collaboration with Caritas, in colabortaion with the United Nations and Caritas Austria

Date: Jul 10, 2024

Type: On Programmed

The Arab Academy for Science, Technology and Maritime Transport, represented by the Industry Service Complex, launched the first day of the Electrical Maintenance Course in collaboration with Caritas, and funded by the United Nations and Caritas Austria. This initiative aims to enhance participants' technical and practical skills in electrical maintenance through hands-on training and expert-led sessions. The program focuses on developing professional competencies to prepare trainees for real-world industrial environments and contribute effectively to sustainable development efforts supported by international organizations.



[Website Link](#) [Facebook](#)

## Practical Course in Electrical Control (Classic Control) – Industry Service Complex, AASTMT

Date: April 30, 2024

Type: Adhoc

The Arab Academy for Science, Technology and Maritime Transport announces the opening of registration for the Practical Course in Electrical Control (Classic Control) offered at the Industry Service Complex. This five-day course (30 training hours) provides hands-on training in industrial electrical systems, combining theoretical knowledge with practical application. Participants will learn how to handle electrical circuit components, work with different electrical equipment and machines (AC and DC), and understand safety and protection procedures. The course also covers the operation of power distribution panels and the identification and repair of electrical faults, enhancing the skills of engineers and technicians



in electrical maintenance. Upon completion, trainees receive an internationally recognized certificate from AASTMT, which can be authenticated by the Ministry of Foreign Affairs.



[Website Link](#)

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## Memorandum of Understanding Signing between the Arab Academy for Science, Technology and Maritime Transport and Caritas Egypt

Date: April 29 2024

A Memorandum of Understanding (MoU) was signed between the Arab Academy for Science, Technology and Maritime Transport (Industry Service Complex – Institute for Technical and Vocational Studies) and Caritas Egypt to collaborate in offering training courses for refugees. The signing ceremony was attended by H.E. Prof. Dr. Ismail Abdel Ghafar Ismail Farag, President of the Arab Academy for Science, Technology and Maritime Transport; Prof. Dr. Khaled El-Kilany, Dean of the Industry Service Complex; Dr. Ahmed Shaeir, Director of the Institute for Technical and Vocational Studies; and representatives from Caritas Egypt. This partnership reflects the Academy's ongoing commitment to social responsibility and human development through providing technical education and vocational training opportunities that empower vulnerable communities and support sustainable development initiatives.



[Website Link](#)

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## Industrial Applications of Artificial Intelligence – Professional Diploma

Date: Mar 30, 2024

Type: On Programmed

As part of the Arab Academy for Science, Technology and Maritime Transport's ongoing commitment—represented by the Industry Service Complex (Institute for Technical and Vocational Studies)—to providing advanced training programs that align with the evolving needs of the labor market, the Academy is offering a 100-hour Professional Diploma in Artificial Intelligence (Industrial Applications of Artificial Intelligence). Conducted online every Friday and Saturday, the program enables participants to complete ten real-world projects covering programming, machine learning, and deep learning applications, such as developing Python packages, predictive models, recommendation systems, object detection, chatbots, and more. Upon successful completion, trainees receive four course certificates and a professional diploma, preparing them to apply AI technologies effectively within industrial environments.



[Website Link](#) [Facebook](#)

## The Third Seminar at the Military Maritime Industrial Secondary School for Boys

Date: Mar 10, 2024

Type: Adhoc

The third seminar was held at the Military Maritime Industrial Secondary School for Boys as part of the Educational Caravans for Technical Schools. The event was attended by distinguished directors of technical education and several officials and students. The seminar featured an engaging discussion on the available opportunities in technical education and vocational training, highlighting initiatives aimed at preparing students for the labor market through specialized programs and partnerships between technical education institutions and industrial sectors.





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