



## DEVELOPING LOGISTICS TRAINING AND EDUCATION IN EGYPT

MTC is currently working to develop and improve a wide range of logistics training in Egypt. Through the USAID-funded Workforce Improvement and Skill Enhancement (WISE) project, MTC is working with international experts, industry representatives, technical school instructors, and public sector entities to develop and pilot a Logistics Diploma Program using a competency-based education approach that highlights the potential of Egypt's ports and geographic location in regional and global trade.

“By improving logistics education in Egypt, MTC is facilitating improvements all across the Egyptian economy. Improved logistics mean less is lost, fewer perishables are wasted, everything arrives quicker, and foreign firms gain greater confidence in offloading and doing business in Egypt. Logistics is an industry that fuels the market as a whole, enhancing the experiences of producers and consumers, and providing scores of young people with rewarding careers.”

– Mohamed Fawzy, Deputy Chief of Party for the Egypt WISE project

### MTC DEVELOPED LOGISTICS SPECIALTIES IN EGYPT

Using an interactive and collaborative process, international experts identified occupational standards for the logistics sector, and facilitated workshops that determined three logistics specialties for the diploma program:

- Warehouse operations
- Transportation supervision
- Stevedoring (loading and unloading of ships, trucks, trains & planes)

## LEADING THE WAY IN LOGISTICAL TRAINING IN EGYPT

MTC is working with the Egyptian Ministry of Education and Technical Education to pilot a 3-year diploma program in four technical secondary schools across Egypt, with a particular focus in regions involved in shipping. Through this program, MTC is pioneering a brand new specialization for Egypt's technical secondary schools, one designed to serve an important labor market need. These efforts also support Egypt's large-scale Suez Canal Corridor project, a development plan aimed to promote international maritime trade through improved ports and enhanced logistics. MTC plans to do this by providing a steady supply of qualified skilled laborers from the technical secondary education system.

## MTC'S PROCESS

MTC orchestrated a thorough and detail-intensive process to develop the new logistics specialization. This came with a commitment to meld international standards with local practices in order to develop the program best suited for the Egypt of today, and tomorrow. First, experts reviewed 170 international logistics standards to determine which applied to these specialties, and then adapted 130 occupational standards to the Egyptian context. Subsequent workshops focused on developing curricula, teacher training, resource materials, assessment materials, and student guidebooks based on the 130 occupational standards that were identified. Industry representatives provided important input throughout this process to pave the way for their participation as these programs are expanded into additional schools. The curricula and related materials have been reviewed and fully approved by the Egyptian Ministry of Education and Technical Education. In 2017, two additional schools began implementing the logistics program. and plans to expand the program into two new governorates are underway.

## FROM STUDENT, TO INTERN, TO EMPLOYEE

The new curricula were launched in December 2016. To prepare pilot schools for this new program, MTC worked with each school's leadership, management, and instructors throughout the curricula development process. Through their participation in these workshops, teachers developed the techniques to deliver the new courses. MTC also helped the pilot schools in developing candidate selection committees to enroll students in the new logistics courses. Students within the logistics departments are provided with internship opportunities in multinational companies operating in Egypt, and will be linked to direct employment opportunities after graduation.

## SUCCESS TO DATE

In only two years MTC has successfully developed a brand new logistics specialization specifically tailored to the Egyptian context. This has included preparing schools to provide this new training, developed training materials, providing educators with advanced logistics-specific instruction, and launched the program in four schools. MTC is now working to expand the program to schools in two additional governorates. MTC is also currently adapting the logistics curricula for a dual education system supported by specific companies who provide on-the-job training and work opportunities for students enrolled in secondary schools.

“During my logistics internship, I saw firsthand what I had learned in our logistics training. I valued the investment in me and my fellow students and the internship gave us the greatest sense of achievement. We are proud of ourselves.”

– Nour El Din Saber, student specializing in the new Logistics Program developed by MTC at Maritime Industrial Secondary School in Port Said, Egypt.

## LOOKING FORWARD

With decades of experience in technical and vocation education in the United States and around the world, and a recently tested approach to developing cutting-edge logistical training, MTC is excited to partner together with other organizations interested in enhancing economic outcomes through improving career opportunities for young people.