



IMT School (I Make Technology School) is not a place where you can take some courses; it is a place in which you practice technology. We believe that listening to someone speaking about something is not a good way of learning, so, “Do it yourself” is our way. Our learning methodology totally depends on hands on labs that transfers the knowledge you get from being just information to be an experience. Our staffs are engineers from leading companies in the same field. In other words, if you want to go Professional, IMT School is your destination! Let’s meet the experts, let’s practice technology.

Contact us

Mob: +20 101 998 6337

Facebook: imaketechnologyschool

Website: www.imtschool.com

Introduction

IMT is an Egyptian company that started in 2015 by embedded systems engineers based in Egypt and Germany who have graduated from ITI 9-month program, Embedded Systems and currently working in Valeo. Total graduates till the date of releasing this document is more than 3000 Engineers. The following, are some of the recommendation letters we honored to have:

1- United Nations Development Program.

United Nations Development Programme



Empowered lives.
Resilient nations.

10th September, 2017

To Whom It May Concern,

In the efforts to implement cooperation projects within the work of the United Nations Development Programme (UNDP), and within the cooperation between the programme and the Information Technology Institute (ITI) under the "Supporting ITI Activities" project.

This letter is to acknowledge that "IMT School" has been one of the technical implementation partners within the aforementioned project starting the year 2015 and until moment. "IMT School" has designed and implemented distinguished technical programs in several areas in cooperation with the UNDP and ITI. These programs included:

- Embedded systems diplomas for university instructors and seniors through the EDUTronics program in collaboration with several Egyptian Universities.
- Robotics diplomas for juniors and young adult learners.

It is worth noting that "IMT School" has continuously demonstrated an outstanding level of quality, flexibility and excellence throughout their work with project partners.

This letter is issued with no liability on project the Programme Office and/or project partners.

Best Regards,




Nadine Abou Elgheit
Team Leader in charge
Innovation for Development
UNDP-Egypt

2- Canadian International College.



Cairo Campus of

Cape
Breton
University

Letter of Recommendation

TO WHOM IT MAY CONCERN

It is with great pleasure that we the Canadian International College take the opportunity to write this letter of recommendation and reference for IMT School for providing our Engineering Students their Annual Technical Training Programs.

They have associated with the Student Development Office - SDO to conduct the Training programs in November 2018 for Communication Engineering Students, and they showed a very professional performance. Without a doubt their instructor's level of skills, expertise, and delivery methods exceeded our expectations. Their level of professionalism and passion for empowering and developing people is very evident.

The Feedback (Written and Oral) that we received during and after their Training has been exceptional. The participants expressed their gratitude for the exposure they received during the sessions of Arduino Programming, Embedded C, and Mobile Robots, and have requested IMT to provide further training in the future.

As a quality and experienced Training Provider with high levels of excellence and Professionalism. We would therefore like to give our highest recommendation to IMT. Without doubt their instructor's level of expertise will be a major benefit and a great asset to any company as it is to CIC.

Dean of Engineering School

Head of Student Development Office

Students' Development Office CIC

New Cairo Campus:

Land # 6, Center Services, South of Police Academy,
Fifth Settlement, New Cairo.

Sheikh Zayed Campus:

Land # 12, Continental Gardens, Behind El Yasmen Resort,
Sheikh Zayed City, 6th of October.

www.cic-cairo.com Hotline: 16242

3- Modern Academy.



Modern Academy for
Engineering and Technology
Electronic Engineering and Communication Department

To Whom It May Concern

We would like to inform you that our cooperation with *IMT School* through students training was a great experience in Embedded system field. Such training center is characterized by professional team of instructors, accurate procedure of evaluation, and up to date lab equipments.

Communication department in Modern Academy for Engineering and Technology have sent hundreds of students through past two years into *IMT School* for summer training and will continue in coming years.



Industrial Training in charge
Dr. Nelly Muhammad Hussein

Manager of Training Office

Dr. Hoda Abo Hamza



Embedded Linux Diploma



IMT is offering professional Embedded Linux diploma recommended by national universities and institutes like Cairo University and ITI. By the end of the diploma students shall deliver a professional graduation project utilizing all the concepts learned during the course on the presence of high level committee from the industry.

All instructors are graduated from ITI, working in multinational companies and have very high skills in teaching and delivering information. We use a unified content selected carefully and ensure all technical and practical aspects. Currently we have 7 branches in Dokki “Headquarter”, Nasr City, 6th of October, Abbasya, Maadi, Alexandria and Al-Mansoura.

80% of the diploma is about making your own embedded system (Set your HW environment and start developing your projects) and the rest 20% is embedded systems concepts that you must know. Each student gets the opportunity to work on Raspberry Pi kit with no need to buy it.

Course 1

Programming in Python – 24 hours

Lectures	Outline	Hours
Lecture 1	<i>Introduction to Python</i> <ul style="list-style-type: none">• <i>Basic Concepts</i>• <i>Programming Vs Scripting</i>• <i>Compilation Vs Interrupting</i>• <i>Environment Installation</i>• <i>Basic Data Types</i>• <i>Operators in Python</i>	3 hours
Lecture 2	<i>Conditional Statements and Loops</i> <ul style="list-style-type: none">• <i>If Statement</i>• <i>For Loop</i>• <i>While Loop</i>	3 hours
Lecture 3	<i>Python Functions and Modules</i> <ul style="list-style-type: none">• <i>Strings in Python</i>• <i>Function Types</i>• <i>Module Creation and Importing</i>	3 hours
Lecture 4	<i>Sequence Types</i> <ul style="list-style-type: none">• <i>List in Python</i>• <i>Set in Python</i>• <i>Tuple in Python</i>	3 hours
Lecture 5	<i>Python Dictionaries</i>	3 hours
Lecture 6	<i>File Handling</i>	3 hours
Lecture 7	<i>Graphical User Interface – Part 1</i>	3 hours
Lecture 8	<i>Graphical User Interface – Part 2</i>	3 hours

Course 2

Linux Administration – 24 hours

Lectures	Outline	Hours
<i>Lecture 1</i>	Introduction To Linux World <ul style="list-style-type: none">• Linux History• Why Linux and Embedded Linux• Ubuntu Installation• Linux File System• Linux User Types	<i>3 hours</i>
<i>Lecture 2</i>	Linux APIs and Memory Management <ul style="list-style-type: none">• Memory Allocation• Fragmentation• Binding• TLBs• POSIX	<i>3 hours</i>
<i>Lecture 3</i>	Linux Commands – Part 1	<i>3 hours</i>
<i>Lecture 4</i>	Linux Commands – Part 2	<i>3 hours</i>
<i>Lecture 5</i>	Shell Scripting – Part 1	<i>3 hours</i>
<i>Lecture 6</i>	Shell Scripting – Part 2	<i>3 hours</i>
<i>Lecture 7</i>	Regular Expressions – Part 1	<i>3 hours</i>
<i>Lecture 8</i>	Regular Expressions – Part 2	<i>3 hours</i>

Course 3

Raspberry Pi Interfacing – 12 hours

Lectures	Outline	Hours
<i>Lecture 1</i>	Introduction To Raspberry Pi <ul style="list-style-type: none">• Raspberry Pi Board Architecture• Raspberry Pi Connection methods (Wired/Wireless)• Raspberry Pi GPIO Access (LEDs/ Switches)	<i>3 hours</i>
<i>Lecture 2</i>	Raspberry Pi Peripherals <ul style="list-style-type: none">• Timers in Raspberry Pi• PWM Generation• Interrupts in Raspberry Pi• Serial Communications	<i>3 hours</i>
<i>Lecture 3</i>	Raspberry Pi Applications <ul style="list-style-type: none">• No IP Server	<i>3 hours</i>
<i>Lecture 4</i>	IOT With Raspberry Pi <ul style="list-style-type: none">• Google Assistant with IFTTT• Flask Server Connection	<i>3 hours</i>

Course 4

Embedded Linux – 24 Hours

Lectures	Outline	Hours
<i>Lecture 1</i>	<i>Cross Tool Chain</i>	<i>3 hours</i>
<i>Lecture 2</i>	<i>Bootling sequence and Bootloaders using U-BOOT</i>	<i>3 hours</i>
<i>Lecture 3</i>	<i>Linux Kernel Using BusyBox</i>	<i>3 hours</i>
<i>Lecture 4</i>	<i>Linux File system using BusyBox</i>	<i>3 hours</i>
<i>Lecture 5</i>	<i>Linux Customization using Buildroot – Part 1</i>	<i>3 hours</i>
<i>Lecture 6</i>	<i>Linux Customization using Buildroot – Part 1</i>	<i>3 hours</i>
<i>Lecture 7</i>	<i>Linux Device Drivers – Part 1</i>	<i>3 hours</i>
<i>Lecture 8</i>	<i>Linux Device Driver – Part 2</i>	<i>3 hours</i>

