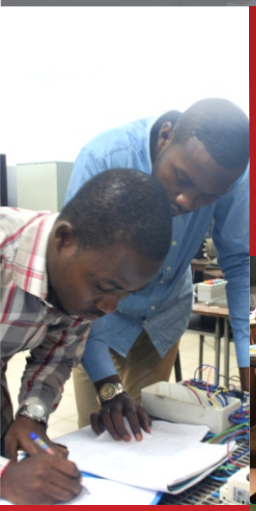
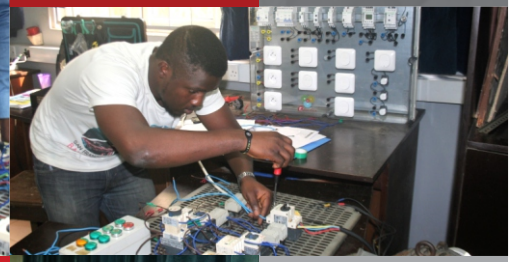
IIT INSTITUTE *for* INDUSTRIAL TECHNOLOGY

IIT MODULAR PROGRAMME

Flexible Pathways...





PROGRAMME OVERVIEW

The IIT Modular Programme is an intense and flexible learning platform designed to equip you with the technical knowledge and the practical skills required to function productively within the manufacturing and engineering services sector and to help you take advantage of its rapidly growing technical needs.

OBJECTIVES OF PROGRAMME

- Acquire key technical knowledge.
- Develop;
  - Troubleshooting skills
  - Installation and Commissioning skills
  - Maintenance skills
  - Fabrication skills
  - Information Communication and Technology skills
- Acquire work values and personal leadership skills.

PROGRAMME STRUCTURE

Programme schedule is flexible - however units/modules are to be booked one month before commencement date.

LEARNING PROCESS

Knowledge is acquired through self study and instructions. Skills are developed through practice and problem solving during sessions.

Participants shall be assessed before receiving awards or recognised as competent.

PAYMENTS

For payment information, visit the link below

ENTRY REQUIREMENT

Applicants must fulfil the following conditions:

- Must have completed or undergoing tertiary education in any discipline.
- Those with non-science background must be working in related jobs.
- Pre-training assessment

WHO CAN ENROL

- Industrial, maintenance and installation technicians
- Engineering graduates and undergraduates seeking technical skills
- Industrial Production and operation personnel
- (All other fields) Those interested in technical knowledge and skills so as to fit into the industrial, maintenance and installation environment.

FOR MORE INFORMATION

Visit ***www.iit.edu.ng/services/modular/7***

IIT MODULAR PROGRAMME				Modules Schedule	Customized modular Programme	modular Mechatronics	modular Electro-mechanics	modular Electro-technics	modular Facility Technology	modular Electrical Technology	modular Mechanical Technology	modular Automation Technology
S/N	CLUSTER	LEVEL	UNIT	MODULES / PATHS	CmP	mMEC	mEM	mET	mFAT	mELT	mMAT	mAUT
1	Engineering Fundamentals	(Level 1)	5	Mechanical Measurement and Fittings		•	•	•	•	•	•	•
2			4	Computer Aided Drafting & Blueprint Reading		•	•	•	•	•	•	•
3			3	Fundamentals of Electrics		•	•	•	•	•	•	•
4			3	Work Values and Ethics 1	•	•	•	•	•	•	•	•
5		Optional	4	Information Communication and Technology								
6		(Level 2)	3	Work Values and Ethics 2		•	•	•	•	•	•	•
7	Mechanical	(Level 2)	5	Plumbing Installations			•		•		•	
8			4	Welding (Electric Arc & Gas)			•				•	
9			5	Pumps & Compressors		•	•		•		•	
10			3	Mechanical Drives and Lubrication		•	•	•	•		•	
11		(Level 3)	5	Refrigeration & Air-Conditioning			•	•	•		•	
12			3	Fundamentals of Engines			•		•		•	
13	Electrical	(Level 2)	4	Building Wiring			•	•	•	•		
14			5	Electrical Motor Controls		•	•	•	•	•		
15			3	Power Electronics		•	•	•		•		
16			3	Solar & Inverter Systems				•	•	•		
17		(Level 3)	3	Power Distribution & Protection Systems				•	•	•		
18			5	Variable Speed Drives		•	•	•	•	•		
19			3	Building Management System				•	•	•		
20	Automation	(Level 3)	4	Industrial Pneumatics		•	•	•	•			•
21			3	Industrial Hydraulics		•	•	•	•			•
22			3	Sensor Technology		•		•	•			•
23			5	Fundamentals of Programmable Logic Controls		•	•	•				•
24			5	Fundamentals of Process Control and Instrumentation		•	•	•				•
25		(Level 4)	2	Industrial Communication		•						•
26			5	Advanced Programmable Logic Controls		•						•
27			3	Process Control & Visualization		•						•
				TOTAL MODULES TO BE COMPLETED	1+	18	19	19	19	12	11	13
				UNITS TO BE COMPLETED	3+	69	77	72	72	44	43	48