



PRACTICAL ENGINEERING TRAINING GUIDE

Mission of Mumford Professional Engineering Institute: Our mission is to enhance your on-the-job contributions and accelerate your career advancement and develop your technical skills and knowledge. MIT courses will equip the student with high level of occupational capacity building skills as well as equip the student with

Specialist knowledge and sound platform to progress in job environment.

Engineering Education You Can Trust

MIT's exclusive dedication to Practical Engineering training means that we are 100% focused on achieving your educational goals. We will give you education that is worth the paper your diploma is written on. Engineering is a practical and investigative profession.

Our uncompromising Quality

Our focus is on providing high-quality training that is not offered by any institution in the country. Our practical training programs will provide you with the complete breadth and depth of skills and knowledge to allow you to fulfill your professional potential. Achieving our professional diploma validates your level of engineering expertise while accelerating your professional development.

What is MIT Professional Diploma?

As Engineering and Technology changes at an accelerated pace, a gap forms between the foundation provided by an academic education and the technical competency that is required in today's technological environment. MIT's Professional Diploma Programs were established to bridge the gap between education and technology. MIT Professional Diploma equips you with practical technical knowledge, skills and hands-on experience to keep you abreast in the advanced areas of technology which are key to competitiveness and productivity.

The MIT Diploma Process

Each Diploma Program provides breadth and depth in the full range of practical technology required to perform a job function. In addition to acquiring real-world "how-to" skills and extensive hands-on experience, MIT Diploma provides understanding, insight, best practices and the inquisitive questions that are essential to effective decision making.

MIT Diploma acquisition typically involves the successful completion of four core courses and an examination covering the core subjects.

Instructors with Real-World Expertise and Experience

A key aspect of MIT education is that our instructors have decades of practical industrial on-the-job design experience. We select instructors, IT professionals, and Engineers who possess expert knowledge, practical experience and the ability to communicate their knowledge effectively.

Intensive Hands-On Learning

In our hands-on courses you will apply what you learned in school theoretically, practically on real-world experimental equipment. Our practical hands-on training will dispel the myth that engineering is a clerical profession. We do not re-invent the wheel, but we re-invent how Engineers are trained.

The MIT Classrooms

Our classrooms are designed to provide you with an optimum educational environment to increase both comfort and rate of learning. We start with basics.... And plunge you into application oriented experiments.

The Result?

We give you practical leading-edge technology courses taught by experienced instructors using the state-of-the-art hardware and an environment in which you are free to really concentrate and learn practically.

MINIMUM ENTRY REQUIREMENTS

Entry Requirements:

- Post Graduate Engineers and holders of
- BSc. In Electrical and Electronics Engineering
- BSc. In Computer Engineering and Computer Science
- BSc. In Physics
- HND Graduates
- Technical and Polytechnic graduates

Practical Training Courses:

ELECTRICAL COURSES

- 1) Three Phase Electrical Power Supply Training
- 2) Single Phase Electrical Power Supply Training
- 3) A.C. Phase Control and SCR Training
- 4) Power Electronics Training
- 5) Electrical Safety Training
- 6) Electricity Training
- 7) Network Laws and Theorems Training
- 8) Fiber Optics Physics Training
- 9) Telephone Training

DIGITAL COURSES

- 1) Digital Logic Design Training
- 2) Digital and Analog Training
- 3) Digital Logic Training (TTL & CMOS)
- 4) Digital Electronics Training
- 5) Interfacing CMOS to TTL & TTL to CMOS

TELECOMMUNICATION COURSES

- 1) Pulse Code Modulation Training

2) Digital Time Division (Mod. & Demod.) Training

3) Telephone Training

PROGRAM SELECTION

Student should select the TRAINING you wish to pursue:

1st training.....

2nd training

3rd training

4th training.....