www.iqytechnicalcollege.com

www.siet.org.sg

IQY Technical College, an authorized training centre of Singapore Institute of Engineering Technologists which is a Member of ASEAN Federation of Engineering Organizations is teaching Engineering, Management, Information Technology and Vocational Training courses in Yangon, Myanmar and at the other locations by applying physical attendance and online/ e-Learning methods and by collaboration with other organizations.

The graduates of Diploma , Advanced Diploma, Professional Diploma in Engineering / Information Technology /Engineering Management which is designed at Bachelors degree standard can join Singapore Institute of Engineering Technologists at various grades of Members depending on work experienceas well as future prospects in professional recognition as ASEAN Engineering Technologists, Associate Technologists, ASEAN Engineering Technician/ Associate Technician and Professional Engineer (UK) registered by Society of Professional Engineers-UK by nomination and assessed by Singapore Institute of Engineering Technologists.

For those who have not passed the university entrance examination in Myanmar, the bridging trainings are also arranged

Course Information

http://www.highlightcomputer.com/Program_Enrolment.htm

Enrolment

http://www.highlightcomputer.com/enrolment.htm

Mode of Training

(1) Online
(2) Physical Attendance

IQY Technical College

- No 307B Thura 2nd Street, 9 ward, South Okkalapa Township, Yangon, Myanmar

Contact: 09-448009297/ 0977264954 & 09402679529

IQY Mandalay Technical College

- Swe Tha Har Plantation Garden, Ayeyarhtun 1 st Ward, Near Nagani Pagoda, Chanmyatharsi Township, Mandalay

Contact: 09976731167, 09402612805

E mail- **iqytechnicalcollege@gmail.com**

Credit Points- Certificate- 15 Credits, Diploma-30 Credits. Advanced Diploma-60 Credits

Professional Diploma- 90 to 120 Credits

Electrical Engineering (Diploma to Professional Diploma)(Power & Electronics Combined)

Mathematics, Physics, Material Science, Electrical principle, Electrical Workshop, Wiring, Control, AC/DC Machine, Power Control, Electrical Contracting, Project, Management, Solar Electrical System , Electrical Drafting, Analogue/ Digital Electronics, Programmable Logic Controller, Microprocessor, Process Control, Power Generation/ Transmission/ Distribution/ Power System Protection, Computer Programming, Computer Network, Renewable Energy, Energy Storage, Solar Thermal System, Engineering Materials , Telecommunication, Radio Wave, Microwave.

Civil Engineering (Diploma to Professional Diploma)

Mathematics, Physics, Material Science, Electrical principle, Electrical Workshop, Building Construction, Bricklaying. Plumbing, Building Drawing, Fluid Dynamics, Hydraulics, Hydrology. Surveying, Sanitation & Water Supply, Surveying, Road & Bridge Construction,

Structural Design, Estimating, Quantity Surveying, Reinforced Concrete, Timber Engineering, Rock Mechanics, Soil Mechanics, Environmental Engineering, Traffic Engineering, Architecture, Building Services Engineering, Engineering Management. Computer Studies

Mechanical Engineering (Diploma to Professional Diploma)

Mathematics, Physics, Material Science, Electrical principle, Electrical Workshop, Engineering Mechanics, Applied Thermodynamics, Machine Principle, Heat Transfer, Principle of Engines,

Fluid Mechanics, Hydraulics, Aerodynamics, Control Engineering, Manufacturing Process, Turbo Machineries, Chemical Thermodynamics. Hydrocarbons, Corrosion Protection, Computer Aided Manufacturing, Robotics, Mechatronics, Numerical Control, Pneumatics,

Air conditioning & Refrigeration, Building Electrical & Mechanical System, Process Control, Production & Operation Management, Machine Design, Building Water Supply, Mechanical Instrumentation and Process, Computer Programming & Network, Engineering Management,

Plant Engineering, Design Engineering, Mechanical Power Generation, Material Engineering

Mechatronics- Common subjects up to Advanced Diploma. Combined with Electronics in Professional Diploma

Other Engineering Courses

Telecommunication, Automotive, Marine, Renewable Energy, Architecture

http://www.highlightcomputer.com/Program_Enrolment1.htm

Information Technology (Diploma to Professional Diploma)

IT Principle, Computer Application, Computer Programming, Program Projects, System Analysis, Business Information System, Software Engineering, Organizational Behaviour,

System Analysis, Computer Networking, Mathematics . Analogue/ Digital Electronics, Microprocessor, Telecommunication, Java. C++. C#, Object Oriented Programming, Website Development, Artificial Intelligence.

Business Management (Diploma to Professional Diploma)

Management, Performance Management, Operation Management, Computer Applications in Management, Quality Management, Risk Assessment, Project Management, Customer Service Management, Change Management, Inventory & Budget Management, Continuous Improvement Management , Safety Management. Risk Management, Professional Development Management, Leadership, Business Letter Writing, Office Management, Preparing Portfolios, Conflict Management, Work-based Training Management. Electronics Business & Commerce , Information Security, Management Information System, Quantitative Methods, Human Resources Management, Marketing Management, , Artificial Intelligence, Management Project.

Diploma/Advanced Diploma Curriculum-
http://www.highlightcomputer.com/detailedcontent.htm

Professional Diploma Curriculum-

http://www.highlightcomputer.com/BECurriculum.pdf

<mark>Engineering Practical Courses</mark>

http://www.highlightcomputer.com/PracticalCourses.htm

http://www.mongroupsydney1.com/mvtclessons.htm

PC 1-Certificate in Bricklaying & Masonry

PC 2-Certificate in Plumbing

PC 3-Certificate in Building Construction

PC 4-Certificate in Gutter Construction

PC 5-Certificate in Fitting & Machining

PC 6-Certificate in Welding

PC 7-Certificate in Engine Operation & Basic Servicing

PC 8-Certificate in Air-conditioning & Refrigeration Basic Servicing

PC 9-Certificate in Electrical Wiring

PC 10-Certificate in Electrical Machine Winding

PC 11-Certificate in Electrical Power Wiring & Switch Gear Installation

(PC15/H102) Certificate in Basic Electronics & Telecommunication

PC Practical Course (Level 2 for Engineering Technicians)

PC 12-Certificate in Surveying. Quantity Surveying & Estimating

PC 13-Certificate in Manufacturing Process Control & CNC

PC 14-Certificate in Building Energy Efficiency

Those who have not passed university entrance examination are required to study the

followings

http://www.highlightcomputer.com/y712lessons.htm

Engineering & Information Technology
Mathematics, Physics, Chemistry, Science, Design & Technology (Optional), Information Processing (Optional), Software Design (Optional)

Business Management

Design & Technology, Information Processing, Mathematics (Optional)