Technical College

PROSPECTUS OF IQY TECHNICAL COLLEGE
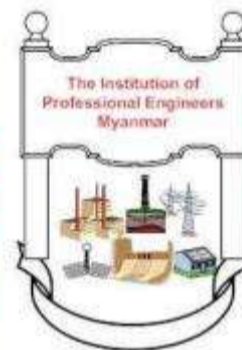
Affiliation

www.iqytechnicalcollege.com

AUTHORIZED TRAINING CENTRE OF SINGAPORE INSTITUTE OF ENGINEERING TECHNOLOGISTS & THE INSTITUTION OF PROFESSIONAL ENGINEERS MYANMAR

Published 2020

ABOUT IQY TECHNICAL COLLEGE
AND
IQY- ST CLEMENTS EDUCATION GROUP

IQY Technical College is an authorised education college of The Institution of Professional Engineers Myanmar New South Wales Australia Chapter registered with New South Wales State Government of Australia (INC1901087)

IQY Technical College of IQY St Clements Education Group and Highlight Computer Group (Myanmar) is an authorized training centre of Singapore Institute of Engineering Technologists for ASEAN Engineering Technologist and ASEAN Engineering Technician Registration.

IQY - ST CLEMENTS ED UCATION GROUP MISSION AND VISION

IQY Technical College teaches Singapore Recognized Engineering , ICT Engineering , Engineering Management and Engineering Education Diplomas and Professional Diplomas at Bachelors degree levels to enable the graduates to receive the Bachelors Degree in Engineering, Information Technology and Management from our two affiliated universities by credit transfer scheme.

IQY Technical College educates the students of Myanmar at the price affordable to average working class people of Myanmar by applying e-Learning with study support education groups at various physical locations.

Affiliation

IQY Technical College is Education and Training Unit of The institution of Professional Engineers Myanmar which is Member of International Federation of Engineering Education Societies USA (IFEES-USA) and Education and Training Branch of The Institution of Professional Engineers Myanmar NSW Australia Chapter which is incorporated in NSW Australia. IQY Technical College is Authorized Training Centre of Singapore Institute of Engineering Technologists (SIET)

IQY Technical College and IPEM Technological University Staff

Chancellor-Dr David LeCornu (St Clements University)

Vice Chancellor-Prof Dr Sam Man Keong CEng, FIET, FSIET(F)

Email: sammk1951@gmail.com

PRINCIPAL/RECTOR

General Manager/Vice Rector-Dr Hla Myat Mon

Email: mamyatmon@yahoo.com.au

Deputy Principal/Professor-Dr Thwin Thu Lynn

Manager/Senior Lecturer-Daw Yamin Thu BE(EP)(Mandalay)

Manager-U Htin Aung Shine BTech(Civil)(Pyay)

Senior Lecturers/ Associate Professors

Daw Thander Win BE (Mechanical)

Daw Hnin Yu Lwin BE,ME(Civil)

Senior Lecturer

Daw Khin Mar Phyoe BE(EP)

<u>Lecturers</u>

Daw Moe Zarni Htun BE(Civil)

Daw Ni Ni Aung BE(EP)

<u>Teachers</u>

Daw Ei Shwe Zin BE(Civi)

Daw Yamohn Aye AGTI(EC)

<u>Tutors</u>

Daw Nang Mya San Adv Dip Electrical Engg

Daw Nan Hom San Adv Dip Mechanical Engg

<u>Demonstrator</u>

U Mya Lin Dip WS(Construction)

Location IQY Yangon

IQY Technical College No. 307 (b) Thura 2 Street, 9 Ward, South Okkalapa Township , Yangon . MAP: www.highlightcomputer.com/iqymap.pdf

Inquiry Course Information

Main Administration Office

IQY Technical College Academic Management System

Dr Hla Myat Mon (General Manager)-Phone: Australia 61-424533344 Myanmar 09893974117 (Viber)+ 09893974117

PO BOX 227 Marrickville, NSW 1475
 Sydney, Australia
E mail
iqytechnicalcollege@gmail.com

IQY –St Clements Education Group
(Yangon)

 E–Learning / Tutoring / Trade Training Centre Addresses

South Okkalapa

Address 1 (Yangon Head Quarter of IQY Technical College and IPEM Technological University)

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(သစ္စာလမ်း၊ပုဏ္ဏမီမှတ်တိုင်အနီး)
No 307 (B) Thura 2 Street, 9 Ward, South Okkalapa Township, Yangon

Website
www.iqytechnicalcollege.com/thurastcampus.htm

Please See MAP-

www.iqytechnicalcollege.com/IQYIPEMTUHQ.pdf

 www.highlightcomputer.com/iqymap.pdf

Address 2 (Operation Address of IQY Technical College and IPEM Technological University)

No 704 Myitta Road, 12 Ward , South Okkalapa Township, Yangon

Website
www.iqytechnicalcollege.com/myittastcampus.htm

E mail

iqytechnicalcollege@gmail.com

IQY –St Clements Education Group

Special Training & Resources Centre / E Library

Yazana Garden City, Dagon Seik-Kan Township

Building 28, Room 404 , 5th Floor, 8th Street, Group (B), 94 Ward, Yuzana Garden City, Dagon Seik-Kan Township

Website
www.iqytechnicalcollege.com/yuzanacampus.htm

COMPUTER TRAINING + COMPUTER UNIVERSITIES COURSES STUDY SUPPORT
IT Training Kyauk-Myaung Centre Address

No 33 , Third Floor Left, Dagon Thiri Street, Kyauk-myaung, Tarmwe Township, Yangon AND No 307 (B) Thura 2 Street, 9 Ward, South Okkalapa Township, Yangon

IQY –St Clements Education Group
 (Mandalay)
Address

သိပ္ပံလမ်းနှင့်၆၈လမ်းထောင့်၊မန္တလာသိရိဘောလုံးကွင်းမြောက်ဖက်၊

မန္တလေးမြို့ ။

Corner of Teikpan Street and 68th Street, Mandalar Thiri Football Field North Mandalay

Location contact- Daw Yamin Thu—Mobile: 09670759700
Website
www.iqytechnicalcollege.com/mandalay.htm

Contact
Manager--Daw Yamin Thu—Mobile: 09670759700

 yaminthu.5813@gmail.com,

Daw Thandar Win—Mobile: **0943063431**

E mail- **thandarwin16384@gmail.com**

Overseas Contact

iqytechnicalcollege@gmail.com

Phone: 61-424533344

PO BOX 227, Marrickville, NSW 1475, Sydney, Australia

Affiliated Training Centres / Colleges/ SchoolsAddresses
Engineering Software Applications + English Language Training

IQY Online

Daw Yamin Thu—Mobile: 09670759700

yaminthu.5813@gmail.com,
Contact
iqytechnicalcollege@gmail.com
IQY 's affiliated education group

Pyay Technical Institute Campuses & Contacts

(IQY Technical College Pyay)

(အမှတ်၁၆/၁၉၃)၁၁လမ်း၊နဝင်းကွက်သစ်၊ပြည်မြို့

No.(16/193), 11st Street, Nawin New Qtr, Pyay

U Htin Aung Shine

Phone : 09250306242, 09779945508, 05325756

IQY TECHNICAL COLLEGE

Registered in Australia -Australian Securities and Investments Commission (ASIC)

Business Name

IQY TECHNICAL COLLEGE

Extracted from ASIC's database at AEST 17:01:36 on 16/02/2020

Business Name Summary	
Name:	IQY TECHNICAL COLLEGE
Registration Number:	
Registered State:	
Registration Date:	16/02/2020
Status:	Registered
Type:	Business Names
Regulator:	Australian Securities & Investments Commission

16/02/2020 AEST 17:01:36   1

Australian Business Number (ABN 96219389279)

One of top universities in Myanmar rated by Universities in the World

Programs

IQY Technical College delivers the following programs

- Diploma, Advanced Diploma, Professional Diploma (equivalent to Bachelors degree) Master Diploma (equivalent to Masters degree)in various Engineering, Management, Information Technology

- Various Engineering and Non Engineering Vocational Training Certificates

- Skilled Development Short Courses

- Internship and Apprenticeship Courses

IQY Technical College Professional Diploma in Business Management disciplines

St Clements University / St Clements Institute- Cambodia 's Bachelor of Applied Management degree or Institute of Management Specialists (UK) Membership Diploma of the work is based on the experience can apply for UK Level 6 Pre-Master qualifications .

IQY Technical College Professional Diploma in Information Technology, received their

St Clements University / St Clements Institute- Cambodia 's Degree Bachelor of Applied Science (IT) or of the Faculty of Professional Technical Management (UK) Membership Diploma work is based on the experience can apply for UK Level 6 Pre-Master qualifications.

Institute of Management Specialists (UK) and the Faculty of Professional Technical Management (UK) UK and global recognition for Professional Qualification well as the title of St Clements Institute Cambodia ASEAN includes qualifications.

COURSE OBJECTIVES

Diploma in Engineering (Electrical+ Mechanical+ Civil+ Renewable Energy Engineering+ Computer Engineering & Information Technology) Course Outlines

IQY Technical College's one year Diploma in Engineering is designed to train the students to work as Engineering Associate or Engineering Technicians in wide ranges of industries.
It is designed to provide the following competencies.
To train the students to have a wide range of functions within engineering enterprises and engineering teams.
The training includes feasibility investigation, scoping, establishing criteria/performance measures, assessing and reporting technical and procedural options; design and development; component, resources and materials sourcing and procurement; construction, prototyping, manufacture, testing, installation, commissioning, service provision and de-commissioning; tools, plant, equipment and facilities acquisition, management, maintenance, calibration and upgrades; operations management;

procedures documentation; presentation and reporting; maintenance systems design and management; project and facility management; quality assurance, costing and budget management; document control and quality assurance.

The training is designed for the students

- To be closely familiar with standards and codes of practice, and to become expert in their interpretation and application to a wide variety of situations.
- To develop very extensive experience of practical installations, and may well be more knowledgeable than Professional Engineers or Engineering Technologists on detailed aspects of plant and equipment that can contribute very greatly to safety, cost or effectiveness in operation.
- To develop high levels of expertise in aspects of design and development processes. These might include, for example, the use of advanced software to perform detailed design of structures, mechanical components and systems, manufacturing or process plant, electrical and electronic equipment, information and communications systems, and so on.
- To do the construction of experimental or prototype equipment.
- To develop detailed practical knowledge and experience complementing the broader or more theoretical knowledge of others.

The training is also designed to provide a good grounding in engineering science and the principles underlying their field of expertise, to ensure that their knowledge and skills are portable across different applications and situations within the broad field of practice. Equipment, vendor or context-specific training in a particular job are not sufficient to guarantee generic competency. Given a good knowledge base, however, the graduates may build further on this through high levels of training in particular contexts and in relation to particular equipment.

The competencies of graduates to equip them to certify the quality of engineering work and the condition of equipment and systems in defined circumstances, laid down in recognised standards and codes of practice.

The training is also designed to lead or manage teams appropriate to these activities. Some may establish their own companies or may move into senior management roles in engineering and related enterprises, employing Professional Engineers, Engineering Technologists, and other specialists where appropriate.

Diploma in Engineering can be studied in the following specializations

- Diploma in Electrical Engineering
- Diploma in Mechanical Engineering
- Diploma in Civil Engineering
- Diploma in Renewable Energy Engineering
- Diploma in Computer Engineering / Diploma in Information Technology

Diploma in Electrical Engineering

This program is designed with 30 credit points integrating 15 credit points Certificate in Electrical Engineering. The completion of this program can be articulated into 60 points Advanced Diploma in Electrical Engineering & 120 credit points Professional Diploma in Electrical Engineering which is the award of Bachelor of Engineering degree by the universities affiliated to IQY Technical College.

The graduates of Diploma in Electrical Engineering can apply for Associate Member of Singapore Institute of Engineering Technologists & then leading to the professional status of ASEAN Engineering Technician.

Study Areas

Electrical circuits, Basic Electronics, Mathematics, Physics, Electrical Wiring, Electrical Machines, Electro-magnetism, Computer Applications, Control System, Process Control, Electrical Contracting, Solar Electrical System, Electrical Drafting

Detailed contents of the units

Detailed contents of the units can be viewed at the following links.

Electrical Engineering Course Outline

http://www.highlightcomputer.com/Diploma_&_Advanced_Diploma_in_Electrical_Engineering_Course_outline.doc

Detailed Contents of Diploma + Advanced Diploma in Engineering, IT , Management & Business Programs

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

Diploma in Mechanical Engineering

This program is designed with 30 credit points integrating 15 credit points Certificate in Mechanical Engineering. The completion of this program can be articulated into 60 points Advanced Diploma in Mechanical Engineering & Mechatronics & 120 credit points Professional Diploma in Mechanical Engineering & Mechatronics which is the award of Bachelor of Engineering degree by the universities affiliated to IQY Technical College.

The graduates of Diploma in Mechanical Engineering can apply for Associate Member of Singapore Institute of Engineering Technologists & then leading to the professional status of ASEAN Engineering Technician.

Study Areas

Mathematics, Physics, Machine Principle, Electrical Circuits, Heat Transfer, Principle of Engines, Fluid Mechanics, Engineering Mechanics, Mechanical Drawing,Hydrocarbon, Wind Turbine, Polymer Science, Turbo Machinery, Basic Management

Specialized Fields

Automotive Engineering, Marine Engineering

Detailed contents of the units

Detailed contents of the units can be viewed at the following links.

Mechanical Engineering Course Outline

http://www.highlightcomputer.com/Diploma_in_Mechanical_Engineering.doc

Detailed Contents of Diploma + Advanced Diploma in Engineering, IT , Management & Business Programs

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

Diploma in Civil Engineering

This program is designed with 30 credit points integrating 15 credit points Certificate in Civil Engineering & Construction Studies . The completion of this program can be articulated into 60 points Advanced Diploma in Civil Engineering & 120 credit points Professional Diploma in Civil Engineering & Building Services which is the award of Bachelor of Engineering degree by the universities affiliated to IQY Technical College.

The graduates of Diploma in Civil Engineering can apply for Associate Member of Singapore Institute of Engineering Technologists & then leading to the professional status of ASEAN Engineering Technician.

Study Areas

Mathematics, Physics, Electrical Principle,Fluid Mechanics, Hydraulics, Hydrology, Building Construction, Sanitation & Water Supply, Energy Efficient Building Design

Detailed contents of the units

Detailed contents of the units can be viewed at the following links.

Civil Engineering Course Outline

http://www.highlightcomputer.com/Diploma_in_Civil_Engineering.doc

Detailed Contents of Diploma + Advanced Diploma in Engineering, IT , Management & Business Programs

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

Diploma in Renewable Energy Engineering

This program is designed with 30 credit points integrating 15 credit points Certificate in Renewable Energy Course Completion Certificate which is delivered through the public seminars . The

completion of this program can be articulated into 120 credit points Professional Diploma in Renewable Energy Engineering which is the award of Bachelor of Engineering degree by the universities affiliated to IQY Technical College.

The graduates of Diploma in Renewable Energy Engineering can apply for Associate Member of Singapore Institute of Engineering Technologists & then leading to the professional status of ASEAN Engineering Technician.

Study Areas

Foundation Studies in Renewable Energy and Sustainability, Grid Connected Photovoltaic Power Systems, Solar and Thermal Energy Systems, Energy Storage Systems, Renewable Energy Resource Analysis, Wind Energy Conversion Systems, Energy System Efficiency

Detailed contents of the units

Detailed contents of the units can be viewed at the following links.

Renewable Energy Engineering Public Seminar + Diploma& Bachelor of Engineering (Renewable Energy)

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

Diploma in Computer Engineering/ Diploma in Information Technology

This program is designed with 30 credit points integrating 15 credit points Certificate in Information Technology . The completion of this program can be articulated into 60 points Advanced Diploma in Information Technology & 120 credit points Professional Diploma in Information Technology or Professional Diploma in Computer Engineering which is the award of Bachelor of Applied Science (Information Technology)/Bachelor of Engineering degree by the universities affiliated to IQY Technical College.

The graduates of Diploma in Computer Engineering can apply for Associate Member of Singapore Institute of Engineering Technologists & then leading to the professional status of ASEAN Engineering Technician.

The graduates of Diploma in Information Technology can apply for membership of International Institute of Science Engineering & Management.

To be awarded Diploma in Computer Engineering, the students need to do Diploma in Information Technology & Diploma in Electrical Engineering at the same time.

Study Areas

IT Fundamental , Computer Application, Computer Programming, System Analysis, Software Engineering, IT Project, Business Information System

Detailed contents of the units

Detailed contents of the units can be viewed at the following links.

Diploma in Information Technology Course Outline

http://www.highlightcomputer.com/Diploma_in_Information_Technology_Course_outline.doc

Electrical Engineering Course Outline

http://www.highlightcomputer.com/Diploma_&_Advanced_Diploma_in_Electrical_Engineering_Course_outline.doc

Detailed Contents of Diploma + Advanced Diploma in Engineering, IT , Management & Business Programs

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

Advanced Diploma in Engineering (Electrical+ Mechanical+ Civil+ Renewable Energy Engineering+ Computer Engineering & Information Technology) Course Outlines

IQY Technical College's two years Advanced Diploma in Engineering is designed to train the students to work as Engineering Technologist in wide ranges of industries.

It is designed to provide the following competencies.

To train the students to operate within broadly-defined technical environments, and undertake a wide range of functions and responsibilities. They are often specialists in the theory and practice of a particular branch of engineering technology or engineering-related technology (the technology

domain), and specifically in its application, adaptation or management, in a variety of contexts. Their expertise often lies in familiarity with the current state of development of a technology domain and most recent applications of the technology.

The training is designed to provide expertise to the students which may be at a high level, and fully equivalent to that of a Professional Engineer. That is designed

- to exercise the same breadth of perspective as Professional Engineers, or carry the same wide-ranging responsibilities for stakeholder interactions, for system integration, and for synthesising overall approaches to complex situations and complex engineering problems.
- to possess for a strong understanding of practical situations and applications, with the intellectual challenge of keeping abreast of leading-edge developments as a specialist in a technology domain and how these relate to established practice. For this purpose Engineering Technologists need a strong understanding of scientific and engineering principles and a well-developed capacity for analysis.
- to apply current and emerging technologies, often in new contexts; or with the application of established principles in the development of new practice.
- To contribute to the advancement of technology.
- to take responsibility for engineering projects, services, functions and facilities within a technology domain, for specific interactions with other aspects of an overall operating context and for managing
- to contribute the specialist work to a broader engineering system or solution. In these roles, Engineering
- to focus on sustainable solutions and practices which optimise technical, social, environmental and economic outcomes within the technology domain and over a whole systems life cycle.
- to have an intimate understanding of the standards and codes of practice that underpin the technology domain and ensure that technology outcomes comply with statutory requirements. Engineering Technologists are required to interact effectively with Professional Engineers and Engineering Associates, with other professionals, tradespersons, clients, stakeholders and society in general, to ensure that technology outcomes and developments fully integrate with the overall system and context.
- to ensure that all aspects of a technological product, or operation are soundly based in theory and fundamental principle.
- to understand how new developments relate to their specific field of expertise.
- to interpret technological possibilities, to investigate interfaces, limitations, consequences, costs and risks.

The training is also designed to provide the skills of Engineering Technologists who may lead teams responsible for the implementation, operation, quality assurance, safety, management, and maintenance of projects, plant, facilities, or processes within specialist practice area(s) of the technology domain. Some Engineering Technologists may establish their own companies or may move into senior management roles in engineering and related enterprises, employing Professional Engineers and other specialists where appropriate.

The following competencies are outlined in the Advanced Diploma in Engineering Programs

1. KNOWLEDGE AND SKILL BASE

1.1. Systematic, theory based understanding of the underpinning natural and physical sciences and the engineering fundamentals applicable to the technology domain.

1.2. Conceptual understanding of the, mathematics, numerical analysis, statistics, and computer and information sciences which underpin the technology domain.

1.3. In-depth understanding of specialist bodies of knowledge within the technology domain.

1.4. Discernment of knowledge development within the technology domain.

1.5. Knowledge of engineering design practice and contextual factors impacting the technology domain.

1.6. Understanding of the scope, principles, norms, accountabilities and bounds of sustainable engineering practice in the technology domain.

2. ENGINEERING APPLICATION ABILITY

2.1. Application of established engineering methods to broadly-defined problem solving within the technology domain.

2.2. Application of engineering techniques, tools and resources within the technology domain.

2.3. Application of systematic synthesis and design processes within the technology domain.

2.4. Application of systematic approaches to the conduct and management of projects within the technology domain.

3. PROFESSIONAL AND PERSONAL ATTRIBUTES

3.1. Ethical conduct and professional accountability.

3.2. Effective oral and written communication in professional and lay domains.

3.3. Creative, innovative and pro-active demeanour.

3.4. Professional use and management of information.

3.5. Orderly management of self, and professional conduct.

3.6. Effective team membership and team leadership.

Advanced Diploma in Engineering can be studied in the following specializations

- Advanced Diploma in Electrical Engineering
- Advanced Diploma in Mechanical Engineering
- Advanced Diploma in Civil Engineering
- Advanced Diploma in Renewable Energy Engineering
- Advanced Diploma in Computer Engineering / Advanced Diploma in Information Technology

Advanced Diploma in Electrical Engineering

This program is designed with 60 credit points integrating 30 credit points Diploma in Electrical Engineering. The completion of this program can be articulated into 60 of 120 credit points Professional Diploma in Electrical Engineering which is the award of Bachelor of Engineering degree by the universities affiliated to IQY Technical College.

The graduates of Advanced Diploma in Electrical Engineering can apply for Member of Singapore Institute of Engineering Technologists & then leading to the professional status of ASEAN Engineering Technician.

Study Areas

Electrical Power Circuits, Electrical Power System, Mathematics, Physics, AC/DC Machines, Control System, Power System Protection, Energy Efficiency, Project Management, Advanced Electrical Drafting, Power Transmission Line, Engineering Officer Competency Report.

Detailed contents of the units

Detailed contents of the units can be viewed at the following links.

Detailed Contents of Diploma + Advanced Diploma in Engineering, IT, Management & Business Programs

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

Advanced Diploma in Mechanical Engineering

This program is designed with 60 credit points integrating 30 credit points Diploma in Mechanical Engineering. The completion of this program can be articulated into 60 of 120 credit points Professional Diploma in Mechanical Engineering which is the award of Bachelor of Engineering degree by the universities affiliated to IQY Technical College.

The graduates of Advanced Diploma in Mechanical Engineering can apply for Member of Singapore Institute of Engineering Technologists & then leading to the professional status of ASEAN Engineering Technician.

Study Areas

Higher Mathematics, Fluid Dynamics, Automation & Robotics, Computer Aided Design & Manufacturing, Control System, Manufacturing, Mechatronics, Numerical Control, Pneumatics, Building Services. Air-conditioning Refrigeration

Detailed contents of the units

Detailed contents of the units can be viewed at the following links.

Detailed Contents of Diploma + Advanced Diploma in Engineering, IT , Management & Business Programs

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

Advanced Diploma in Civil Engineering

This program is designed with 60 credit points integrating 30 credit points Diploma in Civil Engineering. The completion of this program can be articulated into 60 of 120 credit points Professional Diploma in Civil Engineering which is the award of Bachelor of Engineering degree by the universities affiliated to IQY Technical College.

The graduates of Advanced Diploma in Civil Engineering can apply for Member of Singapore Institute of Engineering Technologists & then leading to the professional status of ASEAN Engineering Technician.

Study Areas

Surveying, Road & Bridges, Structure, Estimating, Electrical Installation, Electrical Wiring, Air-conditioning Refrigeration, Engineering Mechanics

Detailed contents of the units

Detailed contents of the units can be viewed at the following links.

Detailed Contents of Diploma + Advanced Diploma in Engineering, IT , Management & Business Programs

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

Advanced Diploma in Renewable Energy Engineering

This program is designed with 60 credit points integrating 30 credit points Certificate in Renewable Energy Course Completion Certificate which is delivered through the public seminars . The completion of this program can be articulated into 120 credit points Professional Diploma in Renewable Energy Engineering which is the award of Bachelor of Engineering degree by the universities affiliated to IQY Technical College.

The graduates of Advanced Diploma in Renewable Energy Engineering can apply for Member of Singapore Institute of Engineering Technologists & then leading to the professional status of ASEAN Engineering Technician.

Study Areas

Advanced contents in Renewable Energy, Electrical Engineering, Basic Civil & Mechanical Enginering, Electrical Machines, Electronics Control

Detailed contents of the units

Detailed contents of the units can be viewed at the following links.

Renewable Energy Engineering Public Seminar + Diploma& Bachelor of Engineering (Renewable Energy)

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

Advanced Diploma in Computer Engineering/ Advanced Diploma in Information Technology

This program is designed with 30 credit points integrating 30 credit points Diploma in Information Technology . The completion of this program can be articulated into 60 of 120 credit points Professional Diploma in Information Technology or Professional Diploma in Computer Engineering which is the award of Bachelor of Applied Science (Information Technology)/Bachelor of Engineering degree by the universities affiliated to IQY Technical College.

The graduates of Advanced Diploma in Computer Engineering can apply for Member of Singapore Institute of Engineering Technologists & then leading to the professional status of ASEAN Engineering Technician.

The graduates of Advanced Diploma in Information Technology can apply for membership of International Institute of Science Engineering & Management.

To be awarded Advanced Diploma in Computer Engineering, the students need to do Advanced Diploma in Information Technology & Diploma in Electrical Engineering at the same time.

Study Areas

Organizational Behaviour, IT Networking, Information System Analysis & Design, Advanvced Programming, Project Work

Detailed contents of the units

Detailed contents of the units can be viewed at the following links.

Advanced Diploma in Information Technology Course Outline

http://www.filefactory.com/file/7dmpglotj2fn/n/Advanced_Diploma_in_Information_Technology_pdf

Electrical Engineering Course Outline

 http://www.highlightcomputer.com/Diploma_&_Advanced_Diploma_in_Electrical_Engineering_Course_outline.doc

Detailed Contents of Diploma + Advanced Diploma in Engineering, IT , Management & Business Programs

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

Professional Diploma in Engineering (Electrical+ Mechanical+ Civil+ Renewable Energy Engineering+ Computer Engineering & Information Technology) Course Outlines

IQY Technical College's four years Professional Diploma in Engineering is designed to train the students to work as Engineering Technologist /Professional Engineer in wide ranges of industries. It is designed at the same academic requirement as to Bachelor of Engineering degree but IQY Technical College is operating as a vocational education & training college not as a university, the award is to be described as Professional Diploma. The graduates of the Professional Diploma in Engineering can be awarded Bachelor of Engineering by the universities which are affiliated to IQY Technical College.

The program is designed to train the students to become Professional Engineers who are required to take responsibility for engineering projects and programs in the most far-reaching sense.

It is designed to provide the following competencies.

- To perform the reliable functioning of all materials, components, sub-systems and technologies used; their integration to form a complete, sustainable and self-consistent system; and all interactions between the technical system and the context within which it functions. The latter includes understanding the requirements of clients, wide ranging stakeholders and of society as a whole; working to optimise social, environmental and

economic outcomes over the full lifetime of the engineering product or program; interacting effectively with other disciplines, professions and people; and ensuring that the engineering contribution is properly integrated into the totality of the undertaking.

- To do interpreting technological possibilities to society, business and government; and for ensuring as far as possible that policy decisions are properly informed by such possibilities and consequences, and that costs, risks and limitations are properly understood as the desirable outcomes.
- To bring knowledge to bear from multiple sources to develop solutions to complex problems and issues, for ensuring that technical and non-technical considerations are properly integrated, and for managing risk as well as sustainability issues. While the outcomes of engineering have physical forms, the work of
- To train the students to become predominantly intellectual in nature. In a technical sense, Professional Engineers are primarily concerned with the advancement of technologies and with the development of new technologies and their applications through innovation, creativity and change. Professional Engineers may conduct research concerned with advancing the science of engineering and with developing new principles and technologies within a broad engineering discipline.
- To contribute to continual improvement in the practice of engineering, and in devising and updating the codes and standards that govern it.
- To take a particular responsibility for ensuring that all aspects of a project are soundly based in theory and fundamental principle, and for understanding clearly how new developments relate to established practice and experience and to other disciplines with which they may interact. One hallmark of a professional is the capacity to break new ground in an informed, responsible and sustainable fashion.

The program is also designed to provide the skills required for the graduated to lead or manage teams appropriate to these activities, and may establish their own companies or move into senior management roles in engineering and related enterprises.

COMPETENCIES

1. KNOWLEDGE AND SKILL BASE

1.1. Comprehensive, theory based understanding of the underpinning natural and physical sciences and the engineering fundamentals applicable to the engineering discipline.

1.2. Conceptual understanding of the mathematics, numerical analysis, statistics, and computer and information sciences which underpin the engineering discipline.

1.3. In-depth understanding of specialist bodies of knowledge within the engineering discipline.

1.4. Discernment of knowledge development and research directions within the engineering discipline.

1.5. Knowledge of engineering design practice and contextual factors impacting the engineering discipline.

1.6. Understanding of the scope, principles, norms, accountabilities and bounds of sustainable engineering practice in the specific discipline.

2. ENGINEERING APPLICATION ABILITY

2.1. Application of established engineering methods to complex engineering problem solving.

2.2. Fluent application of engineering techniques, tools and resources.

2.3. Application of systematic engineering synthesis and design processes.

2.4. Application of systematic approaches to the conduct and management of engineering projects.

3. PROFESSIONAL AND PERSONAL ATTRIBUTES

3.1. Ethical conduct and professional accountability.

3.2. Effective oral and written communication in professional and lay domains.

3.3. Creative, innovative and pro-active demeanour.

3.4. Professional use and management of information.

3.5. Orderly management of self, and professional conduct.

3.6. Effective team membership and team leadership.

Professional Diploma in Engineering can be studied in the following specializations

- Professional Diploma in Electrical Engineering
- Professional Diploma in Mechanical Engineering
- Professional Diploma in Civil Engineering
- Professional Diploma in Renewable Energy Engineering
- Professional Diploma in Computer Engineering / Professional Diploma in Information Technology

Professional Diploma in Electrical Engineering

This program is designed with 120 credit points integrating 60 credit points Advanced Diploma in Electrical Engineering. The completion of this program can be awarded Professional Diploma in Electrical Engineering together with the award of Bachelor of Engineering degree by the universities affiliated to IQY Technical College.

The graduates of Professional Diploma in Electrical Engineering can apply for Fellow of Singapore Institute of Engineering Technologists & then leading to the professional status of ASEAN Engineering Technologists or ASEAN Engineer.

Study Areas

Mathematics, Engineering Mechanics & Thermodynamics, Electrical Circuit Analysis, Electro-magnetics & Electrical Machines, Control System, Power System, Electronics, Telecommunication, Industrial Management, Computer Programming, Computer Network, Engineering Project, Building Services, Competency Demonstration Report Writing

Detailed contents of the units

Detailed contents of the units can be viewed at the following links.

Bachelor of Engineering (Electrical Engineering) Course Outline

http://www.filefactory.com/file/5ftv3w6yjcrn/BACHELOR%20OF%20APPLIED%20ENGINEERING.doc

Detailed Contents of BE,B Bus& B App Sc (IT) Programs

http://highlightcomputer.com/B%20E+B%20App%20Sc(IT)+B%20Bus%20Course%20Detailed%20Contents.htm

Professional Diploma in Mechanical Engineering

This program is designed with 120 credit points integrating 60 credit points Advanced Diploma in Mechanical Engineering. The completion of this program can be awarded Professional Diploma in Mechanical Engineering together with the award of Bachelor of Engineering degree by the universities affiliated to IQY Technical College.

The graduates of Professional Diploma in Mechanical Engineering can apply for Fellow of Singapore Institute of Engineering Technologists & then leading to the professional status of ASEAN Engineering Technologists or ASEAN Engineer.

Study Areas

Mathematics, Engineering Mechanics & Thermodynamics, Industrial Management, Computer Programming, Computer Network, Engineering Project, Building Services, ,Air-conditioning & Refrigeration, Machine Design, Mechanical Instrumentation, Production Technology, Engineering

Materials, Maintenance Engineering , Mechanical Power Generation, Applied Electrical/Electronics & Control System, Competency Demonstration Report Writing

Detailed contents of the units

Detailed contents of the units can be viewed at the following links.

Bachelor of Engineering (Mechanical Engineering-Mechatronics) Course Outline

http://www.filefactory.com/file/113wg8regbuh/n/Bachelor_of_Applied_Engineering_Mechanical-Mechatronics_Course_Outline_doc

Bachelor of Applied Engineering (Final Year Mechanical Design) Course Outline

http://www.filefactory.com/file/7greuugxlvyh/n/Graduate_Diploma_of_Mechanical_Engineering_B_App_Eng_Mech_Course_Outline_doc

Detailed Contents of BE,B Bus& B App Sc (IT) Programs

http://highlightcomputer.com/B%20E+B%20App%20Sc(IT)+B%20Bus%20Course%20Detailed%20Contents.htm

Professional Diploma in Civil Engineering

This program is designed with 120 credit points integrating 60 credit points Advanced Diploma in Civil Engineering. The completion of this program can be awarded Professional Diploma in Civil Engineering together with the award of Bachelor of Engineering degree by the universities affiliated to IQY Technical College.

The graduates of Professional Diploma in Civil Engineering can apply for Fellow of Singapore Institute of Engineering Technologists & then leading to the professional status of ASEAN Engineering Technologists or ASEAN Engineer.

Study Areas

Mathematics, Engineering Mechanics & Thermodynamics, Industrial Management, Computer Programming, Building Construction, Estimating, Fluid Mechanics, Structural Engineering, Reinforce Concrete, Timber Engineering, Soil & Rock Mechanics, Environmental Engineering, Road & Bridges, Building Service Engineering, Traffic Engineering, Surveying, Water Supply Sanitation, Engineering Competency Demonstration Report Writing.

Detailed contents of the units

Detailed contents of the units can be viewed at the following links.

Bachelor of Engineering (Civil Engineering-Building Services) Course Outline

http://www.filefactory.com/file/npiwt5ekau5/Bachelor%20of%20Applied%20Engineering%20%28Civil-Building%20Services%29%20Course%20Outline.doc

 Bachelor of Applied Engineering (Final Year Civil Design) Course Outline

http://www.filefactory.com/file/37twg21wx97z/Graduate%20Diploma%20of%20Civil%20Engineering%2BB%20App%20Eng%20%28Civil%29%20Course%20Outline.doc

Detailed Contents of BE,B Bus& B App Sc (IT) Programs

http://highlightcomputer.com/B%20E+B%20App%20Sc(IT)+B%20Bus%20Course%20Detailed%20Contents.htm

Professional Diploma in Renewable Energy Engineering

This program is designed with 120 credit points integrating 60 credit points Advanced Diploma in Renewable Energy Engineering. The completion of this program can
be awarded Professional Diploma in Renewable Energy Engineering together with the award of Bachelor of Engineering degree by the universities affiliated to IQY Technical College.

This program explores the way to make the best use of renewable energy technologies including solar thermal systems, photovoltaics, wind and biomass. Renewable Energy Engineering borrows much of its structure from some other areas of engineering, such as electrical engineering and photovoltaic engineering. It encompasses a broad range of renewable energy technologies including electricity

generation from solar thermal systems, photovoltaics, wind and biomass. It also covers solar architecture and energy efficient housing design

The graduates of Professional Diploma in Renewable Energy Engineering can apply for Fellow of Singapore Institute of Engineering Technologists & then leading to the professional status of ASEAN Engineering Technologists or ASEAN Engineer.

Study Areas

Foundation Studies in Renewable Energy and Sustainability, Grid Connected Photovoltaic Power Systems, Solar and Thermal Energy Systems, Energy Storage Systems, Renewable Energy Resource Analysis, Wind Energy Conversion Systems, Energy System Efficiency, Mathematics & Physics, Engineering Materials, Civil & Mechanical Engineering, Electrical Engineering, Electrical Machines, Electronics Control, Design & Management, Project, Engineering Competency Demonstration Report Writing.

Detailed contents of the units

Detailed contents of the units can be viewed at the following links.

Renewable Energy Engineering Public Seminar + Diploma& Bachelor of Engineering (Renewable Energy)
 http://www.highlightcomputer.com/re.pdf

Professional Diploma in Computer Engineering/ Professional Diploma in Information Technology

This program is designed with 120credit points integrating 60 credit points Advanced Diploma in Information Technology . Professional Diploma in Computer Engineering which is the award of Bachelor of Applied Science (Information Technology)/Bachelor of Engineering degree by the universities affiliated IQY Technical College.

The graduates of Professional Diploma in Computer Engineering can apply for Fellow of Singapore Institute of Engineering Technologists & then leading to the professional status of ASEAN Engineering Technologist or ASEAN Engineer.

The graduates of Professional Diploma in Information Technology can apply for membership of International Institute of Science Engineering & Management.

To be awarded Professional Diploma in Computer Engineering, the students need to do some Bachelor of Engineering (Electrical) units at the same time.

Study Areas

Computer

Computer Programming, Computer Network, Software Engineering, Artificial Intelligence, Telecommunication Engineering, Project Management,

Electrical/Electronics

Electrical Engineering, Analog & Digital Control, Control System, Engineering Management Engineering Competency Demonstration Report Writing

Detailed contents of the units

Detailed contents of the units can be viewed at the following links.

Detailed Contents of BE,B Bus& B App Sc (IT) Programs
 http://highlightcomputer.com/B%20E+B%20App%20Sc(IT)+B%20Bus%20Course%20Detailed%20Contents.htm

Bachelor of Engineering (Electrical Engineering) Course Outline
http://www.filefactory.com/file/5ftv3w6yjcrn/BACHELOR%20OF%20APPLIED%20ENGINEERING.doc

Diploma in information Technology
Diploma in Information Technology

This course will provide the students with the skills and knowledge to manage information and communications technology (ICT) support in small-to-medium enterprises using a wide range of general

ICT technologies. The students will learn skills to support computer systems, involving people, hardware, software and procedures in a networked environment. They will also learn skills that enable them to maintain and guide teams and manage projects.

This program is designed with 30 credit points integrating 15 credit points Certificate in Information Technology . The completion of this program can be articulated into 60 points Advanced Diploma in Information Technology & 120 credit points Professional Diploma in Information Technology or Professional Diploma in Computer Engineering which is the award of Bachelor of Applied Science (Information Technology)/Bachelor of Engineering degree by the universities affiliated to IQY Technical College.

The graduates of Diploma in Computer Engineering can apply for Associate Member of Singapore Institute of Engineering Technologists & then leading to the professional status of ASEAN Engineering Technician.

The graduates of Diploma in Information Technology can apply for membership of International Institute of Science Engineering & Management.

To be awarded Diploma in Computer Engineering, the students need to do Diploma in Information Technology & Diploma in Electrical Engineering at the same time.

Study Areas

IT Fundamental , Computer Application, Computer Programming, System Analysis, Software Engineering, IT Project, Business Information System

Detailed contents of the units

Detailed contents of the units can be viewed at the following links.

Diploma in Information Technology Course Outline

http://www.highlightcomputer.com/Diploma_in_Information_Technology_Course_outline.doc

Electrical Engineering Course Outline

http://www.highlightcomputer.com/Diploma_&_Advanced_Diploma_in_Electrical_Engineering_Course_outline.doc

Detailed Contents of Diploma + Advanced Diploma in Engineering, IT , Management & Business Programs

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

Advanced Diploma in information Technology

Advanced Diploma in Information Technology

The Advanced Diploma in Information Technology provides the students with high level Information and Communications Technology (ICT) process improvement in senior ICT roles within organisations. The qualification builds on a base core of management competencies, with specialist and general elective choices to suit particular ICT and business needs, especially in the areas of knowledge management and systems development.

This qualification is suited to dynamic leaders who wish to broaden their business perspective, enhance management capability and strengthen leadership behaviour. The focus is on managing the strategic direction of a business through leadership, financial management and comprehensive business operations. It is ideal for those in senior management positions with responsibility for strategic leadership across the business or in specialist areas.

The following competencies are integrated in this course

- Provide leadership across the organisation

- Manage employee relations

- Develop and implement a business plan

- Manage organisational change

- Manage innovation and continuous improvement

- Manage risk

- to builds on a solid foundation in software and hardware and through flexible study plans allows students to specialise if desired.

- to include bioinformatics, computer systems and networks, enterprise information systems, human-computer interaction, software design and software information systems at technologist level.

- to be project-focused with studies in programming languages, algorithms and information structure and develop the ability to process data or information in order to solve problems at technologist level.

- to provide team dynamics, presentation skills and project management at middle class manager level.

- The completion of this program can be articulated into 60 of 120 credit points Professional Diploma in Information Technology which is the award of Bachelor of Applied Science (Information Technology) or Bachelor of Information Technology degree by the universities affiliated to IQY Technical College.

- Detailed contents of the units

Detailed contents of the units can be viewed at the following links

Advanced Diploma in Information Technology Course Outline.

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

Diploma in Information Technology Course Outline
http://www.highlightcomputer.com/Diploma_in_Information_Technology_Course_outline.doc

Management Course Outline
http://www.highlightcomputer.com/Diploma_of_Management.doc

Professional Diploma in Information Technology

IQY Technical College's four years Professional Diploma in Information Technology is designed to train the students to work as computing professionals, to use ICT to be a better scientist, or to empower themselves to better understand the technology behind many of today's careers. Increasingly, employers see an ICT qualification as a sign of academic well-roundedness. ICT drives innovations such as the human genome project, vaccine research, environmental modelling. Emerging areas include electronic security, earth simulation (related to the mining boom) and bioinformatics. Independent job market surveys show that demand for graduates is escalating, along with salaries. Industry is concerned about a shortage of talent.

It is designed at the same academic requirement as to Bachelor of Information Technology degree but IQY Technical College is operating as a vocational education & training college not as a university, the award is to be described as Professional Diploma. The graduates of the Professional Diploma in Engineering can be awarded Bachelor of Applied Science (Information Technology) & Bachelor of Information Technology by the universities which are affiliated to IQY Technical College. The graduates can apply for membership of International Institute of Science Engineering & Management.

The program is designed to train the students to become ICT Professionals who are required to take responsibility for ICT projects and programs in the most far-reaching sense.

It is designed to provide the following competencies.

- to builds on a solid foundation in software and hardware and through flexible study plans allows students to specialise if desired.
- to include bioinformatics, computer systems and networks, enterprise information systems, human-computer interaction, software design and software information systems.
- to be project-focused with studies in programming languages, algorithms and information structure and develop the ability to process data or information in order to solve problems.
- to provide team dynamics, presentation skills and project management.

See the course list for courses that can be studied as part of the Bachelor of Information Technology.

Study Areas

- Computer Systems and Networks
- Enterprise Information Systems
- Human-Computer Interaction
- Software Design
- Software Information Systems
- Electrical Engineering for the award of Professional Diploma in Computer Engineering

Detailed contents of the units

Detailed contents of the units can be viewed at the following links.

Bachelor of Applied Science (Computer Science & Computer Technology)
http://www.highlightcomputer.com/B_App_Sci_(CS&_CT)_Course_outline.pdf

Bachelor of Engineering (Electrical Engineering) Course Outline
http://www.filefactory.com/file/5ftv3w6yjcrn/BACHELOR%20OF%20APPLIED%20ENGINEERING.doc

Professional Diploma of Engineering Practice (Computer Control Engineering) Course Outline
http://www.highlightcomputer.com/Graduate_Diploma_of_Engineering_Practice_Computer_ControlUpdate%5b1%5d.doc

Detailed Contents of BE,B Bus& B App Sc (IT) Programs

Diploma in Management

IQY Technical College's one year Diploma in Management is designed to train the students to work as middle class managers in wide ranges of industries & companies.

This program is designed with 30 credit points integrating 15 credit points Certificate in Information Technology or pure management stream. The completion of this program can be articulated into 60 points Advanced Diploma in Information Technology Management & 120 credit points Professional Diploma in Business Management which is the award of Bachelor of Business Management degree by the universities affiliated to IQY Technical College.

The graduates can apply for membership of The Institute of Professional Business and Technical Managers.

It is designed to provide the following competencies.

- To explore the factors for achieving success with a business, management is becoming increasingly challenging.

- To provide the planning on a **management career**,

- To provide the understanding of the leadership process will form the foundation to build the management skills.

- To be able to effectively manage others to perform at their best while focusing on the growth of a business.

- This course can turn your management experience into a formal qualification, or it can up-skill you to get further ahead in your career.

This course will also train the students to develop a project plan, manage budgets and seek opportunities for further **business** improvement. The students will gain knowledge on how to liaise with stakeholders and ensure team effectiveness. This diploma also addresses the multiple challenges faced by managers in today's rapidly changing business environment and provides solutions and strategies to work under various business conditions.

This course is fully flexible with no assessment due dates or classes to attend. Structure your learning around students' current commitments and take the next step in their **business management** career.

Potential career outcomes

- business manager
- team leader
- facilities coordinator
- department manager

Detailed contents of the units

Detailed contents of the units can be viewed at the following links.

Management Course Outline

Detailed Contents of Diploma + Advanced Diploma in Engineering, IT , Management & Business Programs

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

Advanced Diploma in Management
Advanced Diploma of Information Technology Management

The Advanced Diploma in Information Technology Management provides the students with high level Information and Communications Technology (ICT) process improvement in senior ICT roles within organisations. The qualification builds on a base core of management competencies, with specialist and general elective choices to suit particular ICT and business needs, especially in the areas of knowledge management and systems development.

This program is designed with 60 credit points which is integrated with 30 points from Diploma in Information Technology or Diploma in Management.

- The students who complete Diploma in Information Technology attend the Diploma in Management units together with Advanced Diploma in Information Technology units and then can be graduated with Advanced Diploma in Information Technology Management.
- The students who complete Diploma in Management attend the Diploma in Information Technology units together with Advanced Diploma in Information Technology units and then can be graduated with Advanced Diploma in Information Technology Management.

It is designed to provide the following competencies.

The following competencies are integrated in this course

- Provide leadership across the organisation

- Develop and implement strategic plans

- Manage employee relations

- Develop and implement a business plan

- Manage organisational change

- Manage finances

- Manage innovation and continuous improvement

- Manage risk

- to builds on a solid foundation in software and hardware and through flexible study plans allows students to specialise if desired.

- to include bioinformatics, computer systems and networks, enterprise information systems, human-computer interaction, software design and software information systems at technologist level.

- to provide team dynamics, presentation skills and project management at middle class manager level.

The completion of this program can be articulated into 60 of 120 credit points Professional Diploma in Information Technology or Professional Diploma in Business Management which is the award of Bachelor of Applied Science (Information Technology), Bachelor of Information

Technology or Bachelor of Business Management degree by the universities affiliated to IQY Technical College.

Detailed contents of the units

Detailed contents of the units can be viewed at the following links

Advanced Diploma in Information Technology Course Outline.

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

Diploma in Information Technology Course Outline
http://www.highlightcomputer.com/Diploma_in_Information_Technology_Course_outline.doc

Management Course Outline
http://www.highlightcomputer.com/Diploma_of_Management.doc

Professional Diploma in Management

Professional Diploma in Business Management

Professional Diploma in Business (Management) is a highly innovative and flexible program that is designed to develop professional capabilities for tomorrow's managers and business leaders.

As well as providing the operational skills and knowledge required to manage successful organisations, students also participate in workplace learning subjects that provide real-life, practical experience.

An optimum blend of theory and practice is offered, with a combination of subjects to develop both soft skills for working with people and hard skills directed at areas in operations and project management.

This course is designed with 120 Credit points integrating 60 Points Advanced Diploma in Information Technology Management.

It is designed at the same academic requirement as Bachelor of Business Management degree but IQY Technical College is operating as a vocational education & training college not as a university, the award is to be described as Professional Diploma. The graduates of the Professional Diploma in Business (Management) can be awarded Bachelor of Business by the universities which are affiliated to IQY Technical College.

The graduates of Professional Diploma in Business (Management) can apply for Membership of Institute of Professional Business and Technical Managers.

Course structure

Bachelor of Business /Bachelor of Applied Management Course Outline

http://www.filefactory.com/file/3dcrz90tirvh/Dip%2BAdv%20Dip%2BB%20Bus%20S%20Course%20Outline.doc

Detailed Contents of BE,B Bus& B App Sc (IT) Programs

http://highlightcomputer.com/B%20E+B%20App%20Sc(IT)+B%20Bus%20Course%20Detailed%20Contents.htm

ALL COURSES OFFERED BY IQY TECHNICAL COLLEGE

BE/ Professional Diploma in Engineering Courses

<mark>Live Lesson Courses</mark>

- Advanced Diploma in Electro-mechanical and Construction Engineering (45667)
- Bachelor of Technology/Professional Diploma in Engineering Technology in Electrical/Civil/Mechanical and Renewable Energy Engineering (65667)
- Bachelor of Engineering/Professional Diploma in Engineering in Electrical/Civil/Mechanical and Renewable Energy Engineering (65668)

<mark>Personal Attendance, Guided Study and Self Study e-Learning Courses</mark>

- Professional Diploma in Engineering (Electrical/ Civil/Mechanical with Renewable Energy) (Course 67110A/67111A)

- Professional Diploma +BE Automotive Engineering (6722113)

- Diploma/Advanced Diploma /Professional Diploma in Renewable Energy Engineering (Course 27333,37333, 67333)

- Professional Diploma in Electrical Engineering (Electrical Power & Electronics) (60115)

- Professional Diploma in Industrial Engineering+BE(Industrial Engineering) (677889)

- Professional Diploma in Structural Engineering/ Master of Science (Structural Engineering) (677553/7776654)

- Professional Diploma/ Advanced Diploma in Engineering
- (Engineering Practice) for Diploma/AGTI/BTech/BE Degree holders

IQY Construction and Civil Specialist Skills Courses

- **Professional Diploma for 3 Years AGTI**

- **AGTI to BE Conversion Program**

- **(Course 67110/67111)**

- **Arrangement of BTech and BE Courses for Instalment payments**

- **Bachelor of Technology Program (56778)**

- Career Conversion Courses for BE/BTech/AGTI/City & Guild Diplomas

- Professional Diploma in Architectural Engineering (60116)

- Professional Diploma in Metallurgical & Materials Engineering (60216)

- Professional Diploma in Mineral Extraction & Explosion Protection Engineering (Combined Mining& Petroleum Course) (60316)

- Professional Diploma in Chemical Engineering (60416)

- Certificate in Occupational Health and Safety (12128)

- Professional Diploma in Hazardous Safety Engineering (60814)

- Diploma in Hazardous Safety Engineering (39919)

- Professional Diploma in Automotive and Mechanical Engineering (63111), Professional Diploma in Marine and Mechanical Engineering (63112)
- Professional Diploma in Naval Architectural Engineering (63113)

- Professional Diploma in IT (Network) (63347), BE (ICT-Network)(63348)

Bachelor Degree Programs (St Clements University Higher Education School &

STC Technological University of British West Indies)

- Bachelor of Engineering (Electrical/ Civil/ Mechanical with Renewable Energy)

- Bachelor of Engineering (Electrical Engineering) (60114/61112)

- Bachelor of Engineering (Mechanical Engineering-Mechatronics) (61012/61512)

- Bachelor of Engineering (Civil Engineering-Building Services) (60912/61412)

- Bachelor of Engineering (Renewable Energy) (67333A)

- Bachelor of Engineering (Computer Aided Engineering) with Electrical/Civil/Mechanical (6889907)

- Graduate Diploma of Civil Engineering + Bachelor of Applied Engineering (Final Year Civil Design) (70214/71215)

- Bachelor of Engineering (Civil) (60214/61212)

- Bachelor of Engineering (Mechanical) (60314/61312)

- Graduate Diploma of Mechanical Engineering + Bachelor of Applied Engineering (Final Year Mechanical Design) (70314/71415)

- Bachelor of Engineering Management (66213)

- Bachelor of Engineering (Mechanical Engineering Management) /Professional Diploma in Mechanical Engineering and Management (38811/68811)

- Graduate Diploma of Engineering Practice (Computer Control Engineering) (70714)

Advanced Diploma/ Diploma in Engineering Courses

Diploma Programs (IQY Technical College)

- Electrical Engineering (20112/30112/30112)

- Mechanical Engineering (20312/30312/40313)

- Civil Engineering (20212/30212/40213)

- Automotive Engineering (30512)

- Diploma in Computer Aided Engineering (3556678)

- Advanced Diploma in Engineering Design (Electrical/Civil/Mechanical (30915/31015/31115)

- Diploma / Advanced Diploma in Air-conditioning and Refrigeration Engineering (28775/38775)

- Advanced Diploma in General Engineering and Drafting (with Basic Business and IT) (32115)
- For the students who have not passed Year 10/ University Entrance Examination.
- Tutoring for the university entrance examination level subjects are concurrently provided

- Advanced Diploma in Engineering (Myanmar Language)(27764)

- Advanced Diploma in Electro-mechanical and Construction Engineering (27765) (Course for THS/ITC/Matured Workers)

- Diploma in General Engineering + Advanced Diploma in Mechanical Electrical and Civil Engineering

- Diploma in Engineering (Drafting and Design) (20915)

- Diploma/Advanced Diploma in Engineering (Trade) Practice Courses for
- experienced workers in Myanmar

- Marine Engineering Course (30612)

- Diploma in Telecommunication Engineering (30116)

- THS Certificate to IQY Advanced Diploma+ Degree Program

Bachelor of Applied Management/ Bachelor of Business Management /Professional Diploma in Management Courses

- Bachelor of Business /Bachelor of Applied Management (66113/66515)
- Bachelor of Engineering Management (66213)

- Advanced Diploma/ Diploma/ Certificate in Management & Business Courses
- Management Course Outline (26113/36113/46114)

- Certificate in Financial Management (26315)

- Certificate in Financial Management Learning Support Website(26315)

- Business Management Programs

- UK Business Courses

- Certificate/ Diploma in Tourism Management (214467)

- Bachelor of Applied Science Information Technology /

- Professional Diploma in Information Technology Courses

- Bachelor of Applied Science (Computer Science & Computer Technology)
- (63112/63212)

- Advanced Diploma/ Diploma/Certificate in Information Technology Courses

- Information Technology Course Outline (23112/33112/43113)

- Certificate in Information Technology Course Outline (23112)

- Diploma in Information Technology Course Outline (33112)

- Advanced Diploma in Information Technology Course Outline (43113)

- Diploma in Telecommunication Engineering (30116)
- Professional Certificate in Medical Data System + Graduate Certificate in Information Technology (Medical data system) (4889008)

Self Study CPD Online Courses

Self study online CPD Courses (12111/13111)

Open Public Courses and Continuing Professional Development Courses

- Certificate of Attendance in Diploma/ Professional Diploma in Engineering, Management and Information Technology Programs

(A66223)

- Double Degrees (BE+BMgt/ BE+BAppSc(IT)/ BMgt+BAppSc(IT)

Bachelor and Master of Education/ Diploma in Education/ Diploma in Teaching /Professional Diploma in Education Courses

- Master of Education (Engineering Education/ School and Vocational Education)
- (80018)

- Professional Diploma in Technical Teaching (Training, Assessment & Learning Management)

- (10615/46415/56415/66415/76415)

- Diploma in Engineering Education for Government Technical Colleges & Technological University Teachers & Vocational Education Teachers in Myanmar

  (10615/46415/56415/66415/76415)

- Diploma in Engineering Education (Level 1/2/3 Engineering Education Program)
- Preparation for Teaching Practice & TVET Teacher Training (Introductory 2 weeks course)
- Diploma in Higher Education Teaching Course
- Engineering Education & Accreditation Course
- Certificate in Teaching Support+ Diploma in Teaching Practice+ Bachelor of Teaching+ Bachelor of Education (School & Vocational) (66213/66313)
- Diploma in Teaching Practice

PROFESSIONAL DIPLOMA IN SCHOOL & VOCATIONAL EDUCATION)

(BACHELOR OF EDUCATION (SCHOOL & VOCATIONAL EDUCATION)

- Teacher Training for Volunteer Organizations

Bachelor of Humanities Studies/ Diploma in Humanities Studies / Advanced Diploma in Humanities Studies/ Professional Diploma in Humanities Studies / Masters Diploma & Master of Humanities Studies Courses

- Bachelor Degree Programs (St Clements University Higher Education School &

- STC Technological University of British West Indies)

- IQY Technical College/ St Clements University Humanities
- Study Programs (37001/47001/57001/67001)

<mark>Graduate Diploma/ Master Diploma/ Master of Engineering Courses</mark>

STC Technological University & IQY Technical College

- Master of Engineering Science, Master of Engineering, Graduate Diploma in Engineering
- 76555 E/M/C
- Graduate Diploma of Engineering Practice (Electrical) Course (70114/71115)
- Graduate Diploma of Engineering Practice (Electronics) Course(71114/72515)
- Graduate Diploma of Engineering Practice (Mechanical) Course (70314/72315)
- Graduate Diploma of Engineering Practice (Civil) Course (70214/72215)

<mark>Master of Science (Engineering) / Master of Engineering</mark>

IQY Master Diploma In Engineering/ Applied Science/Management- Research Programs (80214/81215) (80314/81315) (80114/81115)

Special Master of Engineering Courses (Engineering Disciplines other than Electrical/Civil/Mechanical (83215)

- Master of Science (Renewable Energy Engineering) (80914)
- Master of Engineering (Renewable Energy) (80414)
- Master of Engineering (Chemical) (83215A)
- Master of Engineering (Metallurgy) (83215B)
- Master of Engineering (Mineral) (83215C)
- Master of Engineering (Architectural) (83215D)

<mark>IQY Technical College Masters Degree</mark>

- Graduate Diploma of Civil Engineering + Bachelor of Applied Engineering (Final Year Civil Design) Course Outline (70214/71215)

- Graduate Diploma of Mechanical Engineering + Bachelor of Applied Engineering (Final Year Mechanical Design) Course Outline (70314/71415)

- Graduate Diploma of Engineering Practice (Computer Control Engineering) Course Outline(70714)

- Graduate Diploma/ Master Diploma/ Master of Applied Science (Information Technology) Courses

Master Degree Programs (St Clements University and STC Technological University of British West Indies)

- Master of Science (Information Technology)/Master of Information Technology (73114/73214/83215)

(Master Diploma in Applied Science-Information Technology)

- Master of Applied Science (Computer Networking) (70883)+
- Master of Engineering (Computer Networking)(70884)
- Graduate Diploma/ Master Diploma/ Master of Management Courses

Master Degree Programs (St Clements University and STC Technological University of British West Indies)

- **Master of Management** (76114/76214/86215)

- Master Diploma in Management (76114/76214/86215)

- Master of Accounting/ Master Diploma in Accounting (77114)
- Graduate Diploma/ Master Diploma/ Master of Engineering Courses

SCPU School of Engineering (Switzerland), IPEM Technological University &

St Clements University Myanmar College

The students who complete the following programs will also be awarded Master of Engineering (Professional Engineering) or

- Master of Engineering Honours by STC Technological University

- Master of Engineering +Graduate Diploma in Engineering (Civil) Course Outline (80214/81215)

- Master of Engineering +Graduate Diploma in Engineering (Mechanical) Course Outline (80314/81315)

- Master of Engineering +Graduate Diploma in Engineering (Electrical) Course Outline (80114/81115)

- Master of Engineering (Civil High Rise Building Construction) (801121)

- Graduate Diploma in Geographic Information Systems(6886650)

- Master of Professional Engineering (6688900)

- Master of Professional Engineering Practice (6688901)

Doctor of Philosophy Degree Programs (St Clements University and

STC Technological University of British West Indies)

- IQY Diploma in Doctorate Studies (90110)

Professional Engineer Support Program

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

Professional Engineers Support Course

(73115/73215/73315/73715/73815)

Engineering Fundamental Course

- Engineering Fundamental & PE Support (73115/73215/73315/73715/73815)

Renewable Energy Programs

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

Year 7 to 12 Study Support

http://www.highlightcomputer.com/y712.htm

- Certificate II, III, IV in Workplace English + Engineering & Diploma to Associate Degree in Engineering Practice Course

- Certificate II, III, IV in Workplace English + Engineering & Diploma to Associate Degree in Engineering Practice Course Outline (11114/21114/21214/50115/50215/50315/50715)

- International Engineering & Engineering Trades Support Program

<mark>Engineering Design Course</mark>

www.iqytechnicalcollege.com/engineeringdesign1.htm

<mark>Myanmar Vocational Training Collaboration +IQY+ STCTU+ St Clements University Myanmar College</mark>

- Diploma in Work Studies (106689)/ Advanced Diploma in Work Studies (206689) / Bachelor of Work Studies/ Bachelor of Occupation Studies (406689)

- Bachelor of Work Studies (Vocational) in Myanmar Language

- Bachelor of Work Studies in Vocational Studies (456678A/556678A)

- Work Studies Career

- Dip EI+Dip M & E + Prof Cert Hotel Construction

- Professional Diploma in Work Studies-Engineering/ Professional Diploma in Engineering science/ Bachelor of Work Studies/ Bachelor of Science-Engineering/ (Course 5066689)Associate Degree in Work Studies-Engineering (Course 332256)

- Certificate in Legal Studies (Myanmar Law) 1133456

<mark>Engineering Trades Practical Courses</mark>

- Practical Courses (Certificate of Attendance) (10515)

- Vocational Education Certificate Courses (Non Engineering)

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

<mark>General Vocational Courses</mark>

(10615)

- IQY Technical College Rural Development Engineering Program
- Diploma in Intermediate Science (10777)

http://www.highlightcomputer.com/adrde.pdf
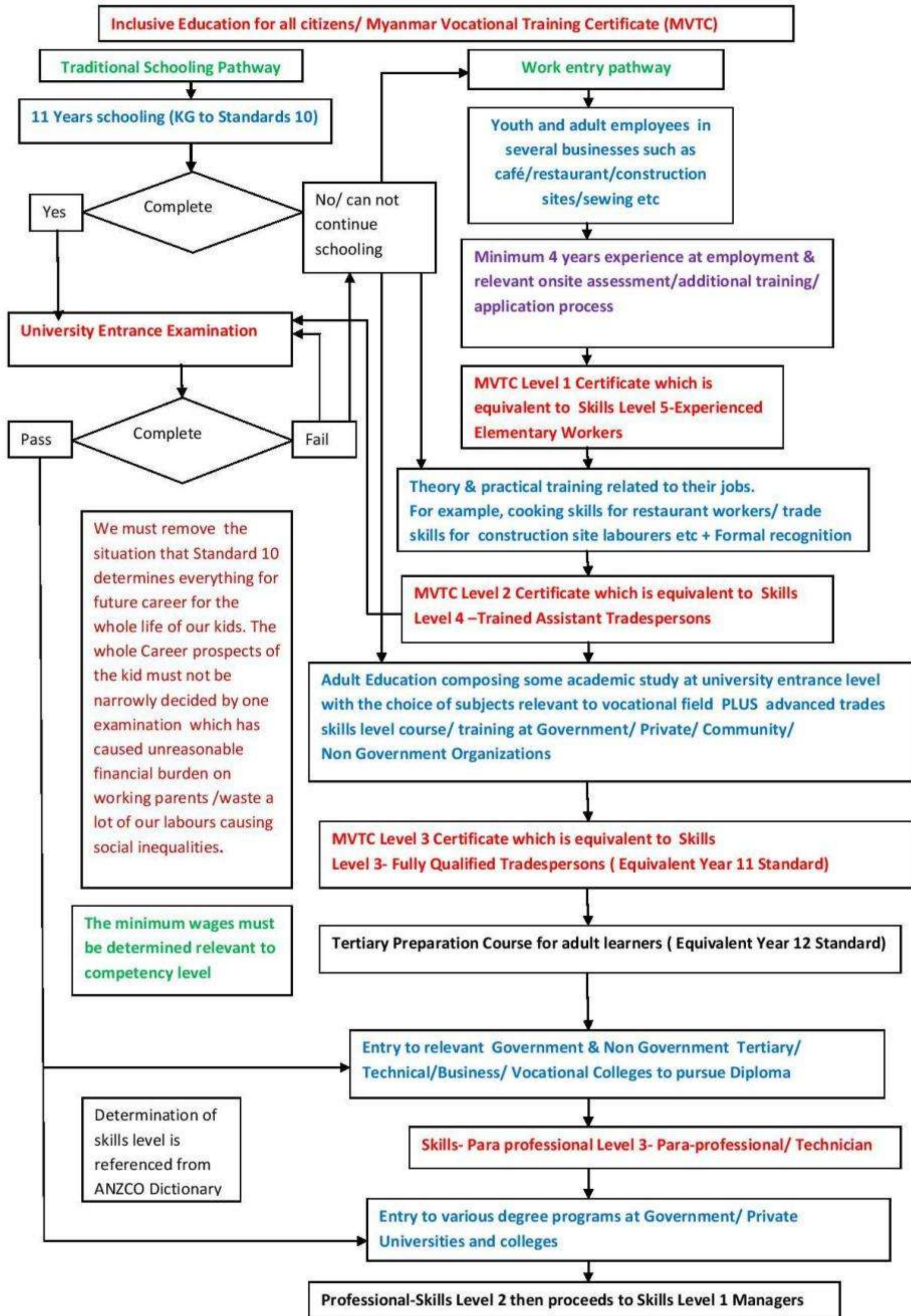
<mark>Course MVTC 301/401/501/601)</mark>

- BE (Rural Development Engineering)
- BE (Agricultural Engineering) 67433321

<mark>Myanmar Vocational Training Certificate Courses</mark>

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

- General Vocational Courses (10615)

Inclusive Education for all citizens/ Myanmar Vocational Training Certificate (MVTC)

Traditional Schooling Pathway

Work entry pathway

11 Years schooling (KG to Standards 10)

Youth and adult employees in several businesses such as café/restaurant/construction sites/sewing etc

Complete — Yes / No/ can not continue schooling

Minimum 4 years experience at employment & relevant onsite assessment/additional training/ application process

University Entrance Examination

MVTC Level 1 Certificate which is equivalent to Skills Level 5-Experienced Elementary Workers

Complete — Pass / Fail

Theory & practical training related to their jobs. For example, cooking skills for restaurant workers/ trade skills for construction site labourers etc + Formal recognition

We must remove the situation that Standard 10 determines everything for future career for the whole life of our kids. The whole Career prospects of the kid must not be narrowly decided by one examination which has caused unreasonable financial burden on working parents /waste a lot of our labours causing social inequalities.

MVTC Level 2 Certificate which is equivalent to Skills Level 4 –Trained Assistant Tradespersons

Adult Education composing some academic study at university entrance level with the choice of subjects relevant to vocational field PLUS advanced trades skills level course/ training at Government/ Private/ Community/ Non Government Organizations

MVTC Level 3 Certificate which is equivalent to Skills Level 3- Fully Qualified Tradespersons (Equivalent Year 11 Standard)

The minimum wages must be determined relevant to competency level

Tertiary Preparation Course for adult learners (Equivalent Year 12 Standard)

Entry to relevant Government & Non Government Tertiary/ Technical/Business/ Vocational Colleges to pursue Diploma

Determination of skills level is referenced from ANZCO Dictionary

Skills- Para professional Level 3- Para-professional/ Technician

Entry to various degree programs at Government/ Private Universities and colleges

Professional-Skills Level 2 then proceeds to Skills Level 1 Managers

Employment/ Vocational Training	IQY Course
Sewing/ Garment Factory work/ Training or Employment	146678/356678/456678Q/55668Q **Manufacturing** **Advanced Diploma/ Bachelor of Work Studies (Manufacturing)**
Cooking Training or Employment	146678/356678/456678E/556678E **Public Safety ,Personal Services, Hospitality** **Advanced Diploma/ Bachelor of Work Studies** **(Public Safety ,Personal Services, Hospitility)** 146678/356678/456678N/55668N **Food Service** **Advanced Diploma/ Bachelor of Work Studies (Food Service)**
Child Care Training or Employment	146678/356678/456678L/55668L **Community Services** **Advanced Diploma/ Bachelor of Work Studies (Community Services)**
Aged Care/ Nurse Assistant) Training or Employment	146678/356678/456678L/55668L **Community Services** **Advanced Diploma/ Bachelor of Work Studies (Community Services)** 146678/356678/456678O/55668O **Health Service** **Advanced Diploma/ Bachelor of Work Studies (Health Service)**
Waiter Training or Employment	**Advanced Diploma/ Bachelor of Work Studies** **(Public Safety ,Personal Services, Hospitility)** 146678/356678/456678N/55668N **Food Service** **Advanced Diploma/ Bachelor of Work Studies (Food Service)**

Security Guard /Fire Fighter Training or Employment	**146678/356678/456678G/556678G Security Service)** **Advanced Diploma/ Bachelor of Work Studies(Security Service)**
Bus Driver/ Bus Spare Training or Employment	**146678/356678/456678G/556678G Transport** **Advanced Diploma/ Bachelor of Work Studies (Transport)**
Farm Assistant or Farmer Training or Employment	**146678/356678/456678H/556678H (Agriculture** **Advanced Diploma/ Bachelor of Work Studies (Agriculture)** **146678/356678/456678I/55667I AgriFood Resources** **Advanced Diploma/ Bachelor of Work Studies(AgriFood Resources)**
Animal Handler Training or Employment	**146678/356678/456678J/556678J Animal Studies** **Advanced Diploma/ Bachelor of Work Studies (Animal Studies)**
Shop Attendant Training or Employment	**146678/356678/456678L/55668L Community Services** **Advanced Diploma/ Bachelor of Work Studies (Community Services)**
Handyman / Training or Employment	**146678/356678/456678D/556678D** **Properties Services** **Advanced Diploma/ Bachelor of Work Studies (Properties Services)**
Dancer Training or Employment	**146678/356678/456678B/556678B** **Performance** **Advanced Diploma/ Bachelor of Work**

	Studies **(Performance)**
Water Supply Worker Training or Employment	**146678/356678/456678A/556678A Chemical Laboratory & Water Operations** **Advanced Diploma/ Bachelor of Work Studies(Chemical Laboratory & Water Operations)**
Laundry Worker Training or Employment	**146678/356678/456678D/556678D Properties Services** **Advanced Diploma/ Bachelor of Work Studies (Properties Services)**
Hair Dressing Training or Employment	**Advanced Diploma/ Bachelor of Work Studies** **(Public Safety ,Personal Services, Hospitility)**
Storeman/ Removalist / Training or Employment	**146678/356678/456678D/556678D** **Properties Services** **Advanced Diploma/ Bachelor of Work Studies (Properties Services)**
Cleaner Training or Employment	**146678/356678/456678D/556678D** **Properties Services** **Advanced Diploma/ Bachelor of Work Studies (Properties Services)**
Factory / Shop Workers Production Training or Employment	**146678/356678/456678Q/55668Q** **Manufacturing** **Advanced Diploma/ Bachelor of Work Studies (Manufacturing)**
Carpenter/ Brick Layer/ Plumber/	**146678/356678/456678D/556678D Properties**

Painter/ Furniture Maker/Sheet Metal Worker Training or Employment	**Services** **Advanced Diploma/ Bachelor of Work Studies (Properties Services)**
Printing Worker Training or Employment	**146678/356678/456678Q/55668Q** **Manufacturing** **Advanced Diploma/ Bachelor of Work Studies (Manufacturing)**
Postal/ Advertising/ Office Employees/ Library Training or Employment	**146678/356678/456678L/55668L Community Services** **Advanced Diploma/ Bachelor of Work Studies (Community Services)**
Teacher Aides Training or Employment	**146678/356678/456678L/55668L Community Services** **Advanced Diploma/ Bachelor of Work Studies (Community Services)**
Factory Worker /Shop Worker (Production/ Maintenance) Training or Employment	**146678/356678/456678Q/55668Q** **Manufacturing** **Advanced Diploma/ Bachelor of Work Studies (Manufacturing)**
Painter/Photographer/Artists/Craftsperson	**146678/356678/456678/55668R** **Advanced Diploma/ Bachelor of Work Studies (Visual Arts and Craft)**
Journalist, Broadcaster,Film Media Professional	**146678/356678/456678/55668S** **Advanced Diploma/ Bachelor of Work Studies (Screen Media)**

ALL	Diploma in Management
ALL	Diploma in Information Technology

Work entry pathway/ Vocational & Academic Training	
Youth and adult employees in several businesses such as café/restaurant/construction sites/sewing etc	

Agri Food Production Workers Level 1	Animal Handling Workers Level 1	Business Services Employees Level 1	Chemical-Laboratory & Water Operation Employees Level 1	Community Service Workers Level 1	Construction Workers Level 1	Electrical Workers Level 1	Food Service Workers Level 1	Health Services Workers Level 1	ICT Service Employee Level 1	Library Information Cultural Services Employee Level 1
Manufacturing, Production & Plant Operation Workers Level 1	Marine Service Workers Level 1	Metal & Engineering Worker Level 1	Performer Level 1	Property Services Worker Level 1	Public Safety & Personal Service Employee Level 1	Sales & Marketing Employee Level 1	Screen & Media Employee Level 1	Transport Worker Level 1	Visual Art & Craft Employee Level 1	Automotive Trade Worker Level 1

	Detailed Job Descriptions &
Minimum 4 years experience at employment & relevant onsite assessment/additional training/ application process	
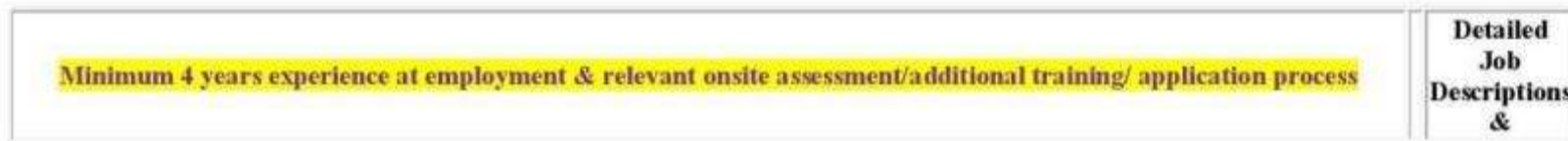
	Assessment

⬇

MVTC Level 1 Certificate which is equivalent to Skills Level 5-Experienced Elementary Workers

⬇

Theory & practical training related to their jobs.

For example, cooking skills for restaurant workers/ trade skills for construction site labourers etc + Formal recognition

⬇

Certificate in Agri Food Production	Certificate in Animal Handling	Certificate in Business Services	Certificate in Chemical-Laboratory & Water Operation	Certificate in Community Service	Certificate in Construction Asset Maintenance & Furnishing	Certificate in Electrical Trades	Certificate in Food Service	Certificate in Health Services	Certificate in ICT	Certificate in Library Information Cultural Services
Certificate in Manufacturing, Production & Plant Operation	Certificate in Marine Service	Certificate in Metal & Engineering	Certificate in Performing	Certificate in Property Services	Certificate in Public Safety & Personal Service	Certificate in Sales & Marketing	Certificate in Screen & Media	Certificate in Transport	Certificate in Visual Art & Craft	Certificate in Automotive Trade

⬇

Detailed Job Descriptions & Assessment		**MVTC Level 2 Certificate which is equivalent to Skills Level 4 –Trained Assistant Tradespersons**		**Course Materials**

⬇

Agri Food Production Workers Level 2	Animal Handling Workers Level 2	Business Services Employees Level 2	Chemical-Laboratory & Water Operation Employees Level 2	Community Service Workers Level 2	Construction Workers Level 2	Electrical Workers Level 2	Food Service Workers Level 2	Health Services Workers Level 2	ICT Service Employee Level 2	Library Information Cultural Services Employee Level 2
Manufacturing, Production & Plant Operation Workers Level 2	Marine Service Workers Level 2	Metal & Engineering Worker Level 2	Performer Level 2	Property Services Worker Level 2	Public Safety & Personal Service Employee Level 2	Sales & Marketing Employee Level 2	Screen & Media Employee Level 2	Transport Worker Level 2	Visual Art & Craft Employee Level 2	Automotive Trade Worker Level 2

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Adult Education composing some academic study at university entrance level with the choice of subjects relevant to vocational field PLUS advanced trades skills level course/ training at Government/ Private/ Community/ Non Government Organizations

Advanced Certificate in Agri Food Production	Advanced Certificate in Animal Handling	Advanced Certificate in Business Services	Advanced Certificate in Chemical-Laboratory & Water Operation	Advanced Certificate in Community Service	Advanced Certificate in Construction Asset Maintenance Furnishing	Advanced Certificate in Electrical Trades	Advanced Certificate in Food Service	Advanced Certificate in Health Services	Advanced Certificate in ICT	Advanced Certificate in Library Information Cultural Services
Advanced Certificate in Manufacturing, Production & Plant Operation	Advanced Certificate in Marine Service	Advanced Certificate in Metal & Engineering	Advanced Certificate in Performing	Advanced Certificate in Property Services	Advanced Certificate in Public Safety & Personal Service	Advanced Certificate in Sales & Marketing	Advanced Certificate in Screen & Media	Advanced Certificate in Transport	Advanced Certificate in Visual Art & Craft	Advanced Certificate in Automotive Trade

Detailed Job Descriptions & Assessment		MVTC Level 3 Certificate which is equivalent to Skills Level 3- Fully Qualified Tradespersons (Equivalent Year 11 Standard)		Course Materials- Vocational

Agri Food Production Workers	Animal Handling Workers	Business Services Employees	Chemical-Laboratory & Water Operation	Community Service Workers	Construction Workers Level 3	Electrical Workers Level 3	Food Service Workers Level 3	Health Services Workers	ICT Service Employee Level 3	Library Information Cultural Services

Level 3	Level 3	Level 3	Employees Level 3	Level 3				Level 3		Employee Level 3
Manufacturing, Production & Plant Operation Workers Level 3	Marine Service Workers Level 3	Metal & Engineering Worker Level 3	Performer Level 3	Property Services Worker Level 3	Public Safety & Personal Service Employee Level 3	Sales & Marketing Employee Level 3	Screen & Media Employee Level 3	Transport Worker Level 3	Visual Art & Craft Employee Level 3	Automotive Trade Worker Level 3

Tertiary Preparation Course for adult learners (Equivalent Year 12 Standard)

Course Materials- Tertiary Preparation		Entry to relevant Government & Non Government Tertiary/ Technical/Business/ Vocational Colleges to pursue Diploma		Course Materials- Management/ IT/ Engineering

Agri Food Production	Tertiary Preparation- Biology/Chemistry/ English/ Myanmar-	Animal Handling	Tertiary Preparation- Biology/Chemistry/ English/ Myanmar-

	Tertiary Course Diploma in Work Studies/ Advanced Diploma in Work Studies/ Professional Diploma in Work Studies/ Bachelor of Work Studies/ Professional Diploma in Management/ Diploma in Management/ Bachelor of Business Management		**Tertiary Course** Diploma in Work Studies/ Advanced Diploma in Work Studies/ Professional Diploma in Work Studies/Bachelor of Work Studies/ Professional Diploma in Management/ Diploma in Management/ Bachelor of Business Management
Business Services	**Tertiary Preparation-** English/ Myanmar- **Tertiary Course** Diploma in Work Studies/ Advanced Diploma in Work Studies/ Professional Diploma in Work Studies/Bachelor of Work Studies/ Professional Diploma in Management/ Diploma in Management/ Bachelor of Business Management	**Chemical-Laboratory & Water Operation**	**Tertiary Preparation** Maths/ Physics/ Chemistry/ English/ Myanmar- **Tertiary Course** Diploma in Work Studies/ Advanced Diploma in Work Studies/ Professional Diploma in Work Studies/Bachelor of Work Studies/ Professional Diploma in Management/ Diploma in Management/ Bachelor of Business Management/ Diploma in Engineering/ Professional Diploma in Engineering/Bachelor of Engineering
Community Service	**Tertiary Preparation-** English/ Myanmar- **Tertiary Course** Diploma in Work Studies/ Advanced Diploma in Work Studies/ Professional Diploma in Work Studies/Bachelor of Work Studies/ Professional Diploma in Management/ Diploma in Management/ Bachelor of Business Management	**Electrical Trades/ Construction**	**Tertiary Preparation-** Maths/ Physics/ Chemistry/ Design & Technology/ English/ Myanmar- **Tertiary Course** Diploma in Work Studies/ Advanced Diploma in Work Studies/ Professional Diploma in Work Studies/Bachelor of Work Studies/ Professional Diploma in Management/ Diploma in Management/ Bachelor of Business Management/ Diploma in Engineering/ Professional Diploma in Engineering/Bachelor of

			Engineering
Food Service	**Tertiary Preparation** Chemistry/ Biology/English/ Myanmar- **Tertiary Course** Diploma in Work Studies/ Advanced Diploma in Work Studies/ Professional Diploma in Work Studies/Bachelor of Work Studies/ Professional Diploma in Management/ Diploma in Management/ Bachelor of Business Management	**Health Services**	**Tertiary Preparation** Chemistry/ Biology/English/ Myanmar- **Tertiary Course** Diploma in Work Studies/ Advanced Diploma in Work Studies/ Professional Diploma in Work Studies/Bachelor of Work Studies/ Professional Diploma in Management/ Diploma in Management/ Bachelor of Business Management
ICT	**Tertiary Preparation** Information Processing/ Software Design/ English/ Myanmar- **Tertiary Course** Diploma in Information Technology/ Professional Diploma in Information Technology/ Bachelor of Applied Science (Information Technology)	**Library Information Cultural Services**	**Tertiary Preparation** English/ Myanmar- **Tertiary Course** Diploma in Work Studies/ Advanced Diploma in Work Studies/ Professional Diploma in Work Studies/Bachelor of Work Studies/ Professional Diploma in Management/ Diploma in Management/ Bachelor of Business Management
Manufacturing, Production & Plant Operation	**Tertiary Preparation** Maths/ Physics/ Chemistry/ Design & Technology/ English/ Myanmar- **Tertiary Course** Diploma in Work Studies/ Advanced Diploma in Work Studies/ Professional Diploma in Work Studies/Bachelor of	**Marine Service**	**Tertiary Preparation** Maths/ Physics/ Chemistry/ Design & Technology/ English/ Myanmar – **Tertiary Course**

	Work Studies/ Professional Diploma in Management/ Diploma in Management/ Bachelor of Business Management/ Diploma in Management/ Professional Diploma in Management/ Bachelor of Business Management/ Diploma in Engineering/ Professional Diploma in Engineering/Bachelor of Engineering		Diploma in Marine Engineering/ Professional Diploma in Engineering/Bachelor of Engineering
Metal & Engineering	**Tertiary Preparation** Maths/ Physics/ Chemistry/ Design & Technology/ English/ Myanmar **Tertiary Course** Diploma in Work Studies/ Advanced Diploma in Work Studies/ Professional Diploma in Work Studies/Bachelor of Work Studies/ Professional Diploma in Management/ Diploma in Management/ Bachelor of Business Management/ Diploma in Engineering/ Professional Diploma in Engineering/Bachelor of Engineering	**Performing**	**Tertiary Preparation** English/ Myanmar – **Tertiary Course** Diploma in Work Studies/ Advanced Diploma in Work Studies/ Professional Diploma in Work Studies/Bachelor of Work Studies/ Professional Diploma in Management/ Diploma in Management/ Bachelor of Business Management
Property Services	**Tertiary Preparation** Maths/ Physics/ Chemistry/ Design & Technology/ English/ Myanmar **Tertiary Course** Diploma in Work Studies/ Advanced Diploma in Work Studies/ Professional Diploma in Work Studies/Bachelor of Work Studies/ Professional Diploma in Management/ Diploma in Management/ Bachelor of Business Management	**Public Safety & Personal Service**	**Tertiary Preparation** English/ Myanmar **Tertiary Course** Diploma in Work Studies/ Advanced Diploma in Work Studies/ Professional Diploma in Work Studies/Bachelor of Work Studies/ Professional Diploma in Management/ Diploma in Management/ Bachelor of Business Management
Sales & Marketing	**Tertiary Preparation** English/ Myanmar –	**Screen & Media**	**Tertiary Preparation** English/ Myanmar –

	Tertiary Course Diploma in Work Studies/ Advanced Diploma in Work Studies/ Professional Diploma in Work Studies/Bachelor of Work Studies/ Professional Diploma in Management/ Diploma in Management/ Bachelor of Business Management		**Tertiary Course** Diploma in Work Studies/ Advanced Diploma in Work Studies/ Professional Diploma in Work Studies/Bachelor of Work Studies/ Professional Diploma in Management/ Diploma in Management/ Bachelor of Business Management
Transport	**Tertiary Preparation** English/ Myanmar – **Tertiary Course** Diploma in Work Studies/ Advanced Diploma in Work Studies/ Professional Diploma in Work Studies/Bachelor of Work Studies/ Professional Diploma in Management/ Diploma in Management/ Bachelor of Business Management	**Visual Art & Craft**	**Tertiary Preparation** English/ Myanmar /Design & Technology- **Tertiary Course** Diploma in Work Studies/ Advanced Diploma in Work Studies/ Professional Diploma in Work Studies/Bachelor of Work Studies/ Professional Diploma in Management/ Diploma in Management/ Bachelor of Business Management

www.iqytechnicalcollege.com/ivtc.htm

International Vocational Training Courses

www.iqytechnicalcollege.com/ivtc.htm

The International Vocational Training Courses of IQY Technical College are based on Australian Packages. But IQY Technical College is neither registered as RTO in Australia nor issue NRT Australia Qualifications.

We develop our own courses and learning system and co-operate with our partnered colleges, universities and professional associations.

The learning resources may bear Australian Training Package unit numbers as we make the reference to them but IQY's own code numbers will be listed on the transcripts. For example 599801- ACM40418 / 499803- BSBCRT501 etc to convert Australian Training Package code number to IQY code numbers.

Courses

Study Area 1

IQY Professional Diploma 5999801/Advanced Diploma 4999801/Diploma 3999801/Certificate (2999801/1999801) Bachelor of Agri Business(BAB)

(STC Technological University)

The will be specialization streams such as

- Diploma in Agri Business(Animal Studies)
- Diploma in Agri Business(Production Horticulture) etc

Study Area 2

IQY Professional Diploma 5999802/Advanced Diploma 4999802/Diploma 3999802/Certificate (2999802/1999802) Bachelor of Career Development(BCD)(STC Technological University)

There will be specialization streams such as

- Diploma in Career Development(Pathways to Further Study) etc

Study Area 3

IQY Professional Diploma 5999803/Advanced Diploma 4999803/Diploma 3999803/Certificate (2999803/1999803) Bachelor of Creative Design(BCDS)

(STC Technological University)

There will be specialization streams such as

- Professional Diploma in Creative Design (Interior Design) etc

Study Area 4

IQY Professional Diploma 5999804/Advanced Diploma 4999804/Diploma 3999804/Certificate (2999804/1999804) Bachelor of Health Wellbeing Community (BHWC) (STC Technological University)

There will be specialization streams such as

- Professional Diploma in Health Wellbeing Community (Early Childhood) etc

Study Area 5

IQY Professional Diploma 5999805/Advanced Diploma 4999805/Diploma 3999805/Certificate (2999805/1999805) Bachelor of Infrastructure Energy Construction (BIEC) (STC Technological University)

There will be specialization streams such as

- Professional Diploma in Infrastructure Energy Construction (Building Construction) etc

Study Area 6

IQY Professional Diploma 5999806/Advanced Diploma 4999806/Diploma 3999806/Certificate (2999806/1999806) Bachelor of Innovative Manufacturing Science (BIMS) (STC Technological University)

There will be specialization streams such as

- Professional Diploma in Innovative Manufacturing Science (Interior Design) etc

Study Area 7

IQY Professional Diploma 5999807/Advanced Diploma 4999807/Diploma 3999807/Certificate (2999807/1999807) Bachelor of Supply Chain Studies (BSCS) (STC Technological University)

There will be specialization streams such as

- Professional Diploma in Supply Chain Studies (Maritime Operations) etc

Study Area 8

IQY Professional Diploma 5999808/Advanced Diploma 4999808/Diploma 3999808/Certificate (2999808/1999808) Bachelor of Technology Business

Studies (BTBS) (STC Technological University)

There will be specialization streams such as

- Professional Diploma in Technology Business Studies (Cyber Security) etc

Study Area 9

IQY Professional Diploma 5999809/Advanced Diploma 4999809/Diploma 3999809/Certificate (2999809/1999809) Bachelor of Hospitality and Tourism

Studies (BHTS) (STC Technological University)

There will be specialization streams such as

- Diploma in Hospitality and Tourism Studies (Hairdressing) etc

The followings are the list of units. Consult with the course co-ordinator to select the units. All courses are arranged for Certificate, Diploma and Advanced Diplomas. To earn Professional Diploma or Bachelors degree, appropriate Engineering or Information Technology or Management subjects of mainstream IQY Courses are required to study.

Award Rule for Vocational Courses

15 credits- Certificate

30 credits -Diploma

60 credits-Advanced Diploma

Each unit will be weighted 3 points regardless of level 1 or 2 or 3 or 4

Choosing the right level will depend on individual candidate's capability and appropriate supervision and guidance provided by the course supervisor.

There is no pre-requisite. If the candidate finds the difficulty, he or she can consult with the course supervisor to switch to appropriate level of the unit.

- Fitness Training

Language

www.iqytechnicalcollege.com/Language1.pdf

See IQY Technical College 's courses below:

http://www.iqytechnicalcollege.com/offeredcourses.htm

IQY Technical College engineer; Diploma (Diploma) , Advanced Diploma (Advanced Diploma) , Bachelor 's Degree (Professional Diploma in Engineering

Diploma (Diploma) - Industry experts (Engineering Technician) to be able to work.

Duration - 6 months to 1 year (Saturdays / Sundays / Off line E -Learning)

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

Advanced Diploma (Advanced Diploma) , Bachelor 's degree level scheduled Technical Diploma (Professional Diploma in Engineering) - Engineering Technician Engineering Technologist will be able to work.

Duration - Advanced Diploma (Advanced Diploma) 1 year 2 years (Saturdays / Sundays)

OFF line E-Learning)

Bachelor 's degree level scheduled Technical Diploma (Professional Diploma in Engineering) 2 years of the 4 -year (Saturdays / Sundays / Off -line E-Learning)

Training Time

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 & Elec . Combined tronics).

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 Protection System, 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, Electrical Building & Mechanical System, Proce s s Control, Production & Operation Management, Machine Design, Water Supply Building, Mechanical Instrumentation and Process, Computer Programming & Network, Engineering Management, Plant Engineering, Engineering Design, 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 . Computer Network, Metallurgy, Materials, Explosion Protection, Naval Architecture, Architecture,
Chemical

http://www.iqytechnicalcollege.com/offeredcourses.htm

Information Technology (Diploma to Professional Diploma)

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

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, Information Management System, Quantitative Methods, Human Resources Management, Marketing Management ,, Artificial Intelligence, Project Management.

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

Professional Diploma Curriculum -

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

MASTERS DEREE LEARNING SUPPORT

There are two types of Masters Programs in Engineering

1. Master of Engineering Practice

2. Master of Engineering

(1) Master of Engineering Practice (240 credits, 120 credits for BE degree)

Master of Engineering Practice is for experienced engineers . It will include the following subjects of 10 credits each

- BAE 701 Engineering Fundamental

- BAE 702 Engineering Management

- BAE 703 Leadership & Human Resources Management

- BAE 704 Risk Management & Industrial Safety

- BAE 705 Engineering Competency Development

- BAE 706 Engineering Report Writing

- BAE 707 Engineering Ethics

- BAE 708 Engineering Knowledge

Completion of the above subjects will earn Graduate Diploma in Engineering Practice (80 credits at Masters level +120 Credits for Bachelors degree level total 200 credits. Completion of two or more units can earn Graduate Certificate in Engineering.

The candidate will need to do Engineering Design Project of 40 credits to complete Master of Engineering Practice of 240 credits

Graduate Diploma in Engineering (140 credits)

Completion of the compulsory 4 subjects will earn Graduate Diploma in Engineering (20 credits at Masters level +120 Credits for Bachelors degree

level total 140 credits. Completion of two or more units can earn Graduate Certificate in Engineering.

Master of Engineering Science

Completion of the compulsory 6 subjects will earn Master of Engineering Science (30 credits at Masters level +120 Credits for Bachelors degree level total 150 credits.

Master of Engineering

Completion of the compulsory 6 subjects PLUS project (30 credits) will earn Master of Engineering (60 credits at Masters level +120 Credits for Bachelors degree level total 180 credits.

Master of Engineering from SCPU School of Engineering registered in Switzerland

Please note that the candidates who want to get the Master of Engineering from SCPU School of Engineering registered in Switzerland must complete Masters of Engineering (Professional Engineering) by either studying the lectures of entire English medium of language instruction or self study in provided textbooks written in English which they need to do self study and submit the study report.

Electrical Compulsory Subjects

- BAE 655-Wireless Communications
- BAE656 Advanced Digital Signal Processing
- BAE 670-Power System Engineering
- BAE 661-Design of Electrical Services for Buildings
- BAE 677-Photovoltaic Systems
- BAE 660-Control Engineering

Two cross disciplinary subjects

- BAE 694-Mechanical Control Engineering
- BAE 699-Rotating Machinery Vibration

Pick up the required book

Two Cross disciplinary subjects

BAE 694-Electro-Mechanical Control Engineering

BAE 699-Rotating Machinery Vibration

The above subjects will be provide with English and Myanmar Instructions and guidance. The candidates can choose the other subjects from the available subjects but they are entire English medium of instruction or self study in provided textbooks written in English which they need to do self study and submit the study report.

Instead of doing the project, the following options are also open for the students.

Project Reference Link http://www.iqytechnicalcollege.com/engineeringdesign.htm

Option (1) Self study or two more subjects

The students can select choose two more subjects from the available subjects in same discipline or other discipline , follow the entire English medium of instruction or self study in provided textbooks written in English which they need to do self study and submit the study report.

Option (2) Complete any two of the following subjects by submitting the assignments

- BAE 702 Engineering Management
- BAE 703 Leadership & Human Resources Management
- BAE 704 Risk Management & Industrial Safety
- BAE 707 Engineering Ethics

Civil Compulsory Subjects

BAE 631-Advanced Concrete Technology

BAE 634-Building Construction

BAE 636-Building Technology Electrical Mechanical System (BAE661-Design of Electrical Services for Buildings)

BAE 650-Steel Design

BAE 635-Building Survey

BAE 644-Estimating

Two Cross disciplinary subjects

BAE 690-Mechanical Estimating

BAE 689A/B-Mechanical Design

Two Cross disciplinary subjects

BAE 690-Mechanical Estimating

BAE 689A/B-Mechanical Design

The above subjects will be provide with English and Myanmar Instructions and guidance. The candidates can choose the other subjects from the available subjects but they are entire English medium of instruction or self study in provided textbooks written in English which they need to do self study and submit the study report.

Instead of doing the project, the students can select choose two more subjects from the available subjects in same discipline or other discipline , follow the entire English medium of instruction or self study in provided textbooks written in English which they need to do self study and submit the study report.

Mechanical Compulsory Subjects

BAE 678A/B-Machine Design

BAE 689A/B-Mechanical Design

BAE 698-Thermal Engineering

BAE 694-Control Engineering

BAE 699-Rotating Machinery Vibration

BAE 690-Mechanical Estimating

Two Cross disciplinary subjects

BAE 661-Design of Electrical Services for Buildings

BAE 650-Steel Design

Two Cross disciplinary subjects

BAE 661-Design of Electrical Services for Buildings

BAE 650-Steel Design

The above subjects will be provide with English and Myanmar Instructions and guidance. The candidates can choose the other subjects from the available subjects but they are entire English medium of instruction or self study in provided textbooks written in English which they need to do self study and submit the study report.

Instead of doing the project, the students can select choose two more subjects from the available subjects in same discipline or other discipline , follow the entire English medium of instruction or self study in provided textbooks written in English which they need to do self study and submit the study report.

Diploma in Doctorate Studies (DDS)

IQY Diploma in Doctorate Studies is an academic award consisting of Research Studies and Writing Thesis Dissertation at 360 Credit points in which 240 Credit points are allocated for Masters Degree level academic qualifications and / or comparable professional experiences.

The candidates who have completed MAE 601 Research Method (30 Points) and their thesis proposal are accepted will be awarded IQY Master Diploma in Research Studies (270 Credit Points). The candidates who have completed MAE602 Thesis (30 Points) but have not submitted it to St Clements University will be awarded IQY Diploma in Doctorate Studies (300 Credit Points) Only

St Clements University will confer the Doctoral Degree while IQY Technical College will provide the facilitation and successful candidates will be issued with BAE801 Thesis Dissertation Assessment and Defence (60 Points) when the success is notified by St Clements University. In the case of failure to meet the quality of dissertation, St Clements University's Diploma in Doctorate Studies or other relevant award can be issued and Doctorate degree award fees will not be charged.

IQY Technical College will issue Letter of Congratulation for having been successful in PhD.

Engineering Practical Courses

http://www.highlightcomputer.com/PracticalCourses.htm (engineering practices)

http://www.mongroupsydney1.com/mvtclessons.htm (other professions)

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

Basic following diploma and must be
taught. 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).

ENGINEERING TECHNOLOGIST/ RTO in SINGAPORE/ ASEAN ENGINEERING TECHNOLOGISTS (AFEO)

NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS OF FRANCE (SNIF) (Switzerland/France/EU)

USA RECOGNITION

California Foreign Credential Evaluation— Equivalent to USA Degree

AUSTRALIAN RECOGNITION

PEng (UK & International)

UK Engineering Council Incorporated Engineer

IPEM NSW AUSTRALIA CHAPTER GRADUATE MEMBER CERTIFICATE

MEMBERSHIP OF THE SOCIETY OF PROFESSIONAL ENGINEERS UK & INTERNATIONAL

MEMBERSHIP OF SINGAPORE INSTITUTE OF ENGINEERING TECHNOLOGISTS

SCPU SCHOOL OF ENGINEERING SWITZERLAND BE Degree

The Institution of Professional Engineers Myanmar Member of International Federation of Engineering Education Societies (IFEES) Graduate Member Certificate

STCTU BE Degree

MEMBERSHIP OF SINGAPORE INSTITUTE OF ENGINEERING TECHNOLOGISTS

IQY PROFESSIONAL DIPLOMA IN ENGINEERING

THS/AGTI/ITC / Year 10 Students

IQY QUALIFICATION TO INTERNATIONAL RECOGNITION

IQY Qualification Framework

www.highlightcomputer.com/iqyqualificationsframework.pdf

IQY Qualification Framework (IQYQF) is largely based on Australian Qualifications Framework (AQF) but modified it to meet the customised needs of our teaching and training system.

AQF Level	IQY Level	Australian Qualifications Framework (AQF)	IQY Qualifications Framework (IQYQF)
School		Secondary School Certificate	Year 9 to 12 Bridging Education Certificate
1		Certificate I	Myanmar Vocational Training Certificate Level 1 (MVTC 1)
2	1	Certificate II	Myanmar Vocational Training Certificate Level 2 (MVTC 2)
3		Certificate III	Myanmar Vocational Training Certificate Level 3 (MVTC 3)
4		Certificate IV	Diploma Part 1 (Advanced Certificate)/ Diploma in General Engineering & Certificate in Tertiary Preparation (Year 12 Level)
5		Diploma	Diploma Part 2 (30 credits)
6	2	Advanced Diploma	Advanced Diploma (60 credits) (Diploma in Engineering Education Level 1-Diploma in Vocational Education and Training)
6	3	Associate Degree	Professional Diploma Part 1 (Year 3) (90 to 120 Credits) (Diploma in Engineering Education Level 2-Diploma in Technical Teaching)
7		Bachelors Degree	Professional Diploma Part 2 (Year 4) (120 credits and more) (Diploma in Engineering Education Level 3-Diploma in Engineering Education)
8	4	Graduate Certificate/ Graduate Diploma	Master Diploma Part A (Diploma in Engineering Education Level 4-Diploma in Engineering Education-Specialist Studies)
9		Masters Degree	Master Diploma Part B/ Master Diploma in Research Studies
10	5	Doctoral Degree	Diploma in Doctoral Studies

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

Screenshot 1 (top):

W List of universities in Switzerland   ×   +

← → C 🔒 en.wikipedia.org/wiki/List_of_universities_in_Switzerland#Higher_Education_Institutions   ☆ θ :

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WIKIPEDIA
The Free Encyclopedia

List of universities in Switzerland

From Wikipedia, the free encyclopedia

This **list of universities in Switzerland** lists all 12 Swiss universities (10 cantonal universities and 2 federal institutes of technology) and a number of public Swiss Universities of Applied Sciences and other education institutions, as higher education institutions. The Swiss law on publicly financed universities, the Swiss University Conference and its accreditation body the CRUS-OAQ is responsible for their recognition according to the Federal Higher Education Act, HEdA.[1]

Contents [hide]
1 Universities
2 Universities of Applied Sciences
3 Higher education institutions of art and music
4 Higher Education Institutions
5 Universities of teacher education
6 Federal institute
7 International rankings for the public universities
  7.1 THE-QS[3]
  7.2 ARWU
  7.3 Switzerland Top Universities in 2015
8 See also
9 Notes and references
10 External links

Universities [edit]

Institution ◆	Abbreviation ◆	Location ◆	Founded ◆	Language ◆	Type ◆	Enrollment ◆
University of Basel	UNIBAS	Basel	1460	German / English	Public (cantonal)	12,852
University of Bern	UNIBE	Bern	1834	German / English	Public (cantonal)	17,882

Sidebar: Main page, Contents, Featured content, Current events, Random article, Donate to Wikipedia, Wikipedia store, Interaction, Help, About Wikipedia, Community portal, Recent changes, Contact page, Tools, What links here, Related changes, Upload file, Special pages, Permanent link, Page information, Wikidata item, Cite this page, In other projects, Wikimedia Commons, Print/export, Download as PDF, Printable version

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Screenshot 2 (bottom):

W List of universities in Saint Kitts   ×   +

← → C 🔒 en.wikipedia.org/wiki/List_of_universities_in_Saint_Kitts_and_Nevis#Universities   ☆ θ :

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WIKIPEDIA
The Free Encyclopedia

List of universities in Saint Kitts and Nevis

From Wikipedia, the free encyclopedia

This list is incomplete; you can help by expanding it.

This is a **list of universities in Saint Kitts and Nevis**.[1]

Universities [edit]

- Clarence Fitzroy Bryant College
- International University for Graduate Studies
- International University of the Health Sciences
- Medical University of the Americas
- Ross University School of Veterinary Medicine
- Ross International University of Nursing
- St. Theresa's Medical University (St. Kitts)
- University of Medicine and Health Sciences
- University of the West Indies Open Campus (St. Kitts campus)
- Windsor University School of Medicine
- Panamerican University of Natural Medicine (Monasticon Line)
- STC Technological University
- STC Technological University Overseas Campus in Myanmar

See also [edit]

- List of universities by country

V·T·E	List of universities in North America	[show]

References [edit]

1. ^ http://www.commonwealthofnations.org/sectors-st_kitts_and_nevis/education/universities_and_colleges/ ⓦ Commonwealth

Sidebar: Main page, Contents, Featured content, Current events, Random article, Donate to Wikipedia, Wikipedia store, Interaction, Help, About Wikipedia, Community portal, Recent changes, Contact page, Tools, What links here, Related changes, Upload file, Special pages, Permanent link, Page information, Wikidata item, Cite this page, Print/export, Download as PDF, Printable version, Languages, Add links

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IQY Graduation

19 July 2018 Gandamar Grand Ballroom+2019 Sedona Hotel Graduation

IQY Teaching Classes

IQY Mandalay Teaching Session

Reception+ Individual Consultation Place+ Discussion Room

IQY Dagonthiri St Kyauk-myaung, Tarmwe

IQY TECHNICAL COLLEGE PRACTICAL + SITE VISIT

IQY Yuzana Garden City

IQY Technical College No 307B Thura 2 Street, 9 Ward, South Okkalapa

Venue+Facilities

Sitting place

Classroom 3 Downstair (Standby Place) +Upstair Classroom 4

IQY E Learning
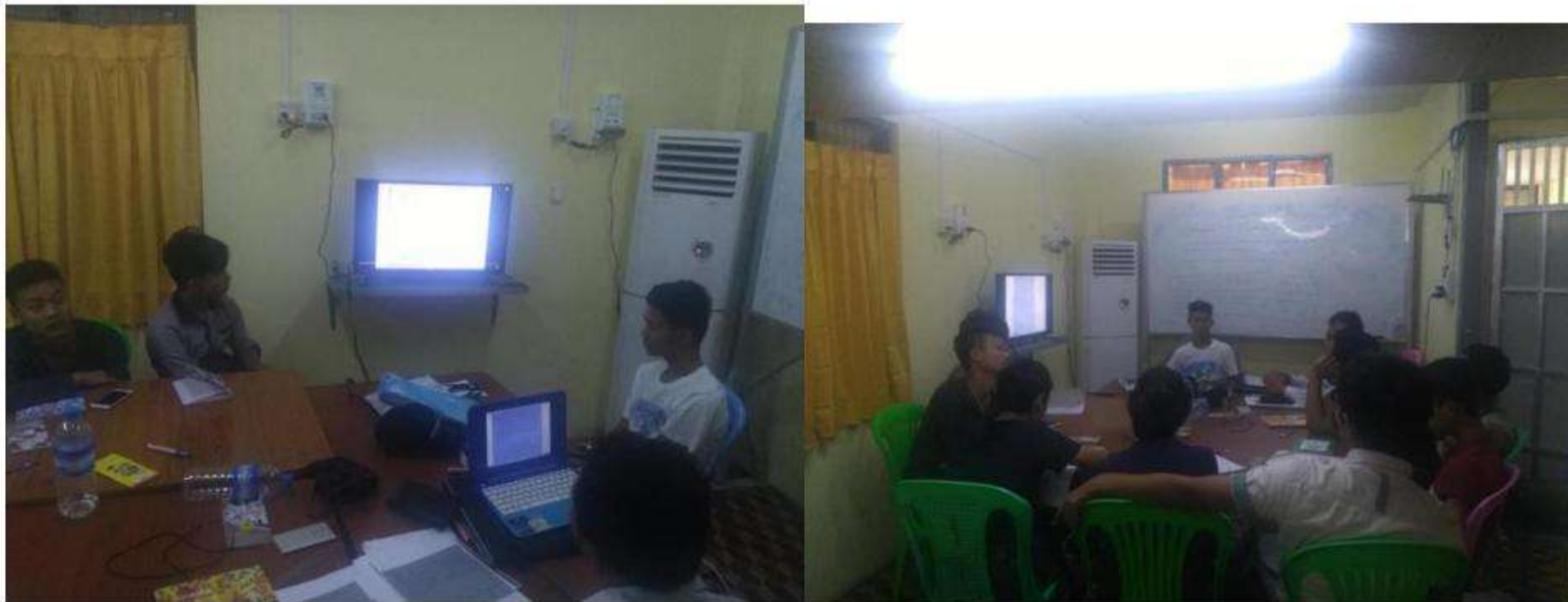
IQY Practical
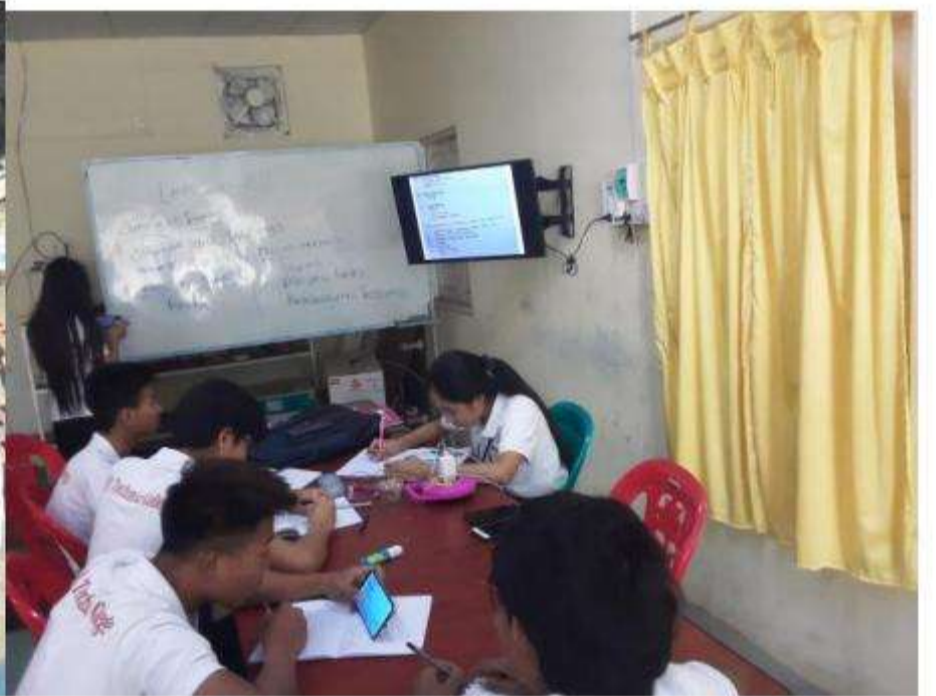
Milestones of IQY Technical College and International recognition of IQY and IPEM

Year	Progress
2007	Plan Myanmar Vocational Training
2012 August	Engage St Clements University and sign the MOU between st Clements University and Highlight Computer Group
2012 December	Initial engagement to form Highlight Computer Group and St Clements University Education Programmes in Myanmar
2013	Taught the first batch of Bachelor of Applied Engineering class in Sydney as well as provide IT Diploma Training to the students of Niue Island for St Clements University.
	Taught IT degree students in Myanmar
	Provided e-Learning resources to Mother's Ambition Voluntary School of NLD Education Network and Myanmar Buddhist Voluntary Schools
2014	Establish IQY Technical College of Highlight Computer Group.
	Signed MOU with Singapore Institute of Engineering Technologists
	Provided Engineering degree Online teaching to students of Fiji , Myanmar and other countries
2015 December	Provided engineering education to teachers of Myanmar Technological Universities at Myanmar Engineering Societies
2016	Provided engineering education courses to teachers of Myanmar Technological Universities
	Establish the Institution of Professional Engineers Myanmar
2017	Provided Engineering degree Online teaching to International Students
	Establish IQY Learning Centre at No 307B Thura 2 Street, 9 Ward, South Okkalapa, Yangon, Myanmar
	Organize the first physical attendance class for Myanmar students at No 307B Thura 2 Street, 9 Ward, South Okkalapa, Yangon, Myanmar.
	Establish St Clements University Myanmar College
2018	The Institution of Professional Engineers Myanmar joined International Federation of Engineering Education Societies-IFEES
	Expand IQY Teaching programs in Myanmar to provide THS, GTI Graduates.
	First IQY / STC Technological University, St Clements University

	Myanmar College Graduation at Gandamar Hall, in Yangon
	Establish IQY Mandalay Technical College
	Achieve the accreditation by The Society of Professional Engineers International
2019	The Institution of Professional Engineers Myanmar NAW Australia Chapter is registered with NSW Government of Australia
	Establish Pyay Technical Institute (IQY Pyay)
	Expand IQY Teaching programs in Myanmar to provide THS, GTI Graduates.
	Introduce IQY Vocational Programs, Education and Humanities Studies Programmes.
	Second IQY / STC Technological University, St Clements University Myanmar College Graduation at Sedona Hotel in Myanmar
	Partnership between IPEM and The Institute of Computer Engineers of The Philippines
2020	IQY Technical College is registered with Australian Security and Investment Commission
	Establish IPEM Technological University
	Expand IQY Online Teaching for many vocational training
	Introduced IQY E-Learning, Online and Offline Programmes.
	Establish IQY Centres in Turkey, Fiji and Oman
	Expand IQY Practical Programmes.

NSW Fair Trading

Certificate of Incorporation
as an Association

This is to certify

**THE INSTITUTION OF PROFESSIONAL
ENGINEERS MYANMAR NSW AUSTRALIA
CHAPTER INCORPORATED**

is registered as an incorporated association in New South Wales
under the *Associations Incorporation Act 2009*

Registration Number   **INC1901087**

Date of Incorporation   **20 August 2019**

Issued by NSW Fair Trading on 20 August 2019

Rod Stowe
Commissioner
NSW Fair Trading

Page 1 of 1
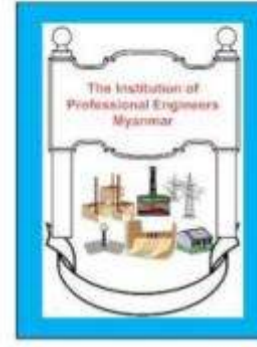
EDUCATIONAL ACCREDITATION

Promoting Myanmar Engineering Profession

CERTIFICATE OF AFFILIATION

This is to certify that

IQY Technical College

is an affiliated educational institution to provide the education programs accredited and recognised by The Institution of Professional Engineers Myanmar.

According to the agreement between The Institution of Professional Engineers Myanmar and the affiliated educational institution, the affiliated educational institution is required to the tasks related to sustainability and development of The Institution of Professional Engineers Myanmar and maintain it's academic integrity and quality.

Date: 25 April 2018

Affiliation Record Number: A1/2018

Signed

Registrar
The Institution of Professional Engineers Myanmar

The Society of Professional Engineers

(International)

The Society of Engineers UK (1854), The Society of Professional Engineers (UK) (1969)

Re established as The Society of Professional Engineers International in 2018

www.thespeukinternational.org

Certificate of Recognition

The following qualifications awarded by IQY Technical College are recognized as meeting the educational and academic qualifications requirement for registration as engineer of The Society of Professional Engineers International.

Qualification	Registration Category
IQY Advanced Diploma in Engineering (2 Years Qualification with Year 12 Entry)	Graduate Technical Engineer (Graduate Engineering Technician)
IQY Professional Diploma in Engineering Technology (3 Years Qualification with Year 12 Entry)	Graduate Technologist Engineer (Graduate Engineering Technologist)
IQY Professional Diploma in Engineering (4 Years Qualification with Year 12 Entry)	Graduate Professional Engineer

The issue of certificate to individual candidate will be executed in collaboration with
The Institution of Professional Engineers Myanmar which supervises
The IQY Technical College.

PeterPrasad
Chief Executive

The Society of Professional Engineers (International) was established as Society of Professional Engineers (UK and International) by International Member Professional Engineers (UK) of Former Society of Professional Engineers (UK) on 28th April ,2018 and the name was changed to current name on 8th February 2019. All PEng(UK) Certificates issued by former SPE(UK) continue to be valid and regarded as Life Membership.

မြန်မာနိုင်ငံပညာရှင်အင်ဂျင်နီယာအဖွဲ့ချုပ်

The Institution of Professional Engineers-Myanmar (IPEM)

(Professional Association for Myanmar and Ex Myanmar Citizen Engineers and International Engineering Friends of Myanmar)

Member of International Federation of Engineering Education Societies (IFEES)

Myanmar Branch of The Society of Professional Engineers (International) (SPE)

The Institution of Professional Engineers Myanmar NSW Australia Chapter

Registered with NSW Government (INC1901087 - registration – LN)

Associate Member (Elected 2018) of World Federation of Engineering Organizations (WFEO)

www.ipemyanmar.org

www.highlightcomputer.com/ipem.htm