.... Technical College

PROSPECTUS OF IQY TECHNICAL UNIVERSITY TURKYIE

www.iqytechnicaluniversity.education
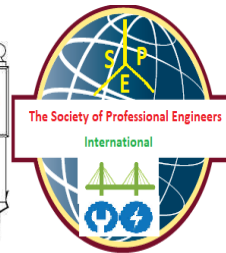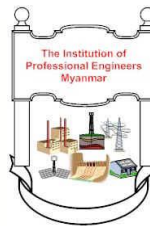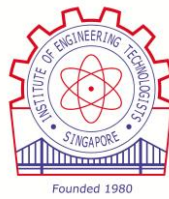
Branch of IQY Technical College   www.iqytechnicalcollege.com

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

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ABOUT IQY TECHNICAL UNIVERSITY
AND
IQY TECHNICAL COLLEGE 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 is an authorized training centre of Singapore Institute of Engineering Technologists (SIET)

IQY - ST CLEMENTS ED UCATION GROUP MISSION AND VISION

IQY Technical College teaches International 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)

<p style="color:red; text-align:center">IQY Technical University and IPEM Technological University Staff</p>

<p style="text-align:center">Qualifications Verifier-Dr Kyaw Naing MIEAust,RPEQ,PE(NSW),PE(Int)</p>

<p style="text-align:center">Rector-Dr Hla Myat Mon</p>

<p style="text-align:center">Vice Rector Professor-Dr Erdal Firat</p>

<p style="text-align:center">Registrar- Maung Oo</p>

<p style="text-align:center">University Administrator-Ms Selin Firat</p>

<mark style="color:red">CONTACT</mark>

<mark>Location IQY Academic Centre</mark>

26-32 Marsh Street, Wolli Creek , NSW 2205 Sydney, Australia

<mark>Inquiry Course Information</mark>

<mark>Main Administration Office</mark>

IQY Technical College Academic Management System

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

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<mark>IQY Technical University</mark>
Vice Rector
Prof. Dr. Erdal Fırat
Phone: +90 542 732 9422
Phone: +90 232 226 6384
Mail: info@iqytechnicaluniversityedu.com

Adress: E.Paşa Cad. No:391-393/3 Konak, İzmir, Turkey

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)

IQY Technical College is listed by Times Higher Education World University List

https://www.timeshighereducation.com/world-university-rankings/iqy-technical-college

Close

Australia (/student/where-to-study/study-in-australia)

IQY Technical College

Marrickville, PO Box 227, Sydney, New South Wales, 1475, Australia

JOBS

◀   ▶

| EXPLORE THESE FEATURED UNIVERSITIES

(/world-university-rankings/university-chinese-academy-sciences-ucas)

University of
Chinese Academy
of Sciences (UCAS)
(/world-university-

rankings/university-chinese-academy-sciences-ucas)

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Video (/world-university-rankings/university-chinese-academy-sciences-ucas?popupvideo=true)

Explore (/world-university-rankings/university-chinese-academy-sciences-ucas)

7

Australian Institute of Management (/world-university-rankings/australian-institute-management)

Australian National University (/world-university-rankings/australian-national-university)

Avondale University (/world-university-rankings/avondale-university)

Bond University (/world-university-rankings/bond-university)

Central Queensland University (/world-university-rankings/central-queensland-university)

Central Queensland University Australia (/world-university-rankings/central-queensland-university-australia)

Charles Darwin University (/world-university-rankings/charles-darwin-university)

Charles Sturt University (/world-university-rankings/charles-sturt-university)

CQ University Australia (/world-university-rankings/cq-university-australia)

Curtin University (/world-university-rankings/curtin-university)

Curtin University - Curtin Business School (/world-university-rankings/curtin-university-curtin-business-school)

Deakin University (/world-university-rankings/deakin-university)

Edith Cowan University (/world-university-rankings/edith-cowan-university)

Excelsia College (/world-university-rankings/excelsia-college)

Federation University Australia (/world-university-rankings/federation-university-australia)

Flinders University (/world-university-rankings/flinders-university)

Griffith University (/world-university-rankings/griffith-university)

International College of Management Sydney (/world-university-rankings/international-college-management-sydney)

IQY Technical College (/world-university-rankings/iqy-technical-college)

James Cook University (/world-university-rankings/james-cook-university)

Kaplan Business School Australia (/world-university-rankings/kaplan-business-school-australia)

La Trobe University (/world-university-rankings/la-trobe-university)

Macquarie University (/world-university-rankings/macquarie-university)

Macquarie University - Master of Business and Executive (/world-university-rankings/macquarie-university-master-business-and-executive)

Melbourne Business School (/world-university-rankings/melbourne-business-school)

Melbourne Institute of Technology (/world-university-rankings/melbourne-institute-technology)

Monash Business School (/world-university-rankings/monash-business-school)

List of University in Izmir Turkey

https://www.iqytechnicalcollege.com/List%20of%20universities%20in%20Turkey%20-%20Wikipedia.pdf

İzmir	Dokuz Eylül University	State	1982
	Ege University	State	1955
	İzmir Institute of Technology	State	1992
	Yaşar University	Foundation	2001
	İzmir Kâtip Çelebi University	State	2010
	İzmir Bakırçay University	State	2016
	İzmir Democracy University	State	2016
	İzmir University of Economics	Foundation	2001
	IQY Technical University	Foundation	2012
	İzmir Tınaztepe University	Foundation	2018
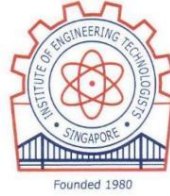
Singapore Institute of Engineering Technologists

新加坡工程专家协会

Singapore Institute of Engineering Technologists

Certificate of Recognition

This is to certify that the

**Bachelor of Engineering
(Civil; Electrical; Mechanical)**
awarded by
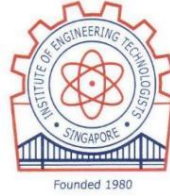**the IQY Technical University**

is recognized by SIET as satisfying its academic requirement for the
membership grade of **Fellow (FSIET)**
according to Clause 4(d)(ii) of SIET's Constitution.

This recognition is valid for a period of **FIVE (5) years** from the date
of issue of this certificate and is renewable on expiry.

Prof (Dr) Sam Man Keong,
CEng, FIET, MICE, MCIOB, FSIET(F)
President,
Singapore Institute of Engineering
Technologists

Date: 6 April 2024

新加坡工程专家协会
Singapore Institute of Engineering Technologists

Certificate of Recognition

This is to certify that the

Diploma in Engineering Technology (SIET-STEM)
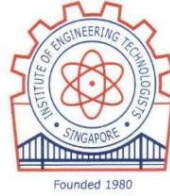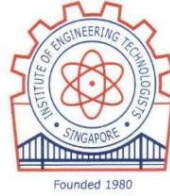**awarded by**
the IQY Technical University

is recognized by SIET as satisfying its academic requirement for the
membership grade of **Associate Member (AMSIET)**
according to Clause 4(f)(iii) of SIET's Constitution.

This recognition is valid for a period of **FIVE (5) years** from the date
of issue of this certificate and is renewable on expiry.

Prof (Dr) Sam Man Keong,
CEng, FIET, MICE, MCIOB, FSIET(F)
President,
Singapore Institute of Engineering
Technologists

Date: 6 April 2024

新加坡工程专家协会
Singapore Institute of Engineering Technologists

Certificate of Recognition

This is to certify that the

**Diploma in Engineering
(Civil; Electrical; Mechanical)**
awarded by
the IQY Technical University

is recognized by SIET as satisfying its academic requirement for the
membership grade of **Associate Member (AMSIET)**
according to Clause 4(f)(iii) of SIET's Constitution.

This recognition is valid for a period of **FIVE (5) years** from the date
of issue of this certificate and is renewable on expiry.

Prof (Dr) Sam Man Keong,
CEng, FIET, MICE, MCIOB, FSIET(F)
President,
Singapore Institute of Engineering
Technologists

Date: 6 April 2024

新加坡工程专家协会
Singapore Institute of Engineering Technologists

Certificate of Recognition

This is to certify that the

Advanced Diploma in Engineering (Civil; Electrical; Mechanical)
awarded by
the IQY Technical University

is recognized by SIET as satisfying its academic requirement for the
membership grade of **Member (MSIET)**
according to Clause 4(e)(iii) of SIET's Constitution.

This recognition is valid for a period of **FIVE (5) years** from the date
of issue of this certificate and is renewable on expiry.

Prof (Dr) Sam Man Keong,
CEng, FIET, MICE, MCIOB, FSIET(F)
President,
Singapore Institute of Engineering
Technologists

Date: 6 April 2024

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+Bachelor of Management
 disciplines

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+Bachelor of Applied Science (Information Technology), received their

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.

3.1. 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/7dmpqlotj2fn/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

Bachelor of Engineering +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.

Bachelor of Engineering +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

Bachelor of Engineering +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

Bachelor of Engineering +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

Bachelor of Engineering +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

Bachelor of Engineering +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

Bachelor of Engineering +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

Bachelor of Applied Science (Information Technology)+ 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
http://highlightcomputer.com/B%20E+B%20App%20Sc(IT)+B%20Bus%20Course%20Detailed%20Contents.htm

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

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

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

Bachelor of 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

Live Lesson Courses

- 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)

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- Bachelor of Engineering +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)

- Bachelor of Engineering +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

SELF STUDY ENGINEERING PROFESSIONAL DIPLOMA PROGRAMS

- 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 (IPEM Technological University &

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 / Graduate Bachelors Degree Programs

- 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 Degree Programs (IPEM Technological University & STC Technological University of British West Indies)

- 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 Program

- 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)

Graduate Diploma/ Master Diploma/ Master of Engineering Courses

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)

Master of Science (Engineering) / Master of Engineering

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)

IQY Technical College Masters Degree

- 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 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

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)

Diploma in Doctorate Studies/ Doctor of Philosophy Programs

Doctor of Philosophy Degree Programs

- IQY Diploma in Doctorate Studies (90110)

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

Professional Engineers Support Course

(73115/73215/73315/73715/73815)

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

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

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

www.iqytechnicalcollege.com/engineeringdesign1.htm

- 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

- Practical Courses (Certificate of Attendance) (10515)

- Vocational Education Certificate Courses (Non Engineering)

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

(10615)

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

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

- BE (Rural Development Engineering)

- BE (Agricultural Engineering) 67433321

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)

Yes — Complete — No/ can not continue schooling

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

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

University Entrance Examination

Pass — Complete — Fail

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

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.

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

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	146678/356678/456678G/556678G **Transport**

Training or Employment	**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	**Advanced Diploma/ Bachelor of Work Studies**

Training or Employment	(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/ Painter/ Furniture Maker/Sheet Metal Worker Training or Employment	**146678/356678/456678D/556678D Properties 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)	**146678/356678/456678Q/55668Q** **Manufacturing** **Advanced Diploma/ Bachelor of Work Studies**

Training or Employment	(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

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

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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

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

	Assessment

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

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Theory & practical training related to their jobs.

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

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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

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

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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

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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

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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

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

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

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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

www.iqytechnicalcollege.com/Language1.pdf

See IQY Technical College 's courses below:

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

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

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)

<mark>Training Time</mark>

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

Professional Diploma: 90 to 120 Credits

Electrical Engineering (Diploma to Professional Diploma/ Bachelors Degree) (Power & Elec . Combined electronics).

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/ Bachelors Degree).

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/ Bachelors Degree)

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/ Bachelors Degree)

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/ Bachelors Degree)

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 -

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

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.

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

STC Technological 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 STC Technological University In the case of failure to meet the quality of dissertation, STC Technological University 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).

==Programs in Turkish Language==

Aşağıdaki dersler için hem İngilizce hem de yerel dillerdeki ders kitapları sağlanacaktır.

Öğrencilerin çalışma kılavuzlarındaki talimatları izleyerek, talimat videolarını izleyerek,

ödevleri ve değerlendirme görevlerini göndererek ders kitaplarını çalışmaları gerekir.

Dersler

· Genel Mühendislik Diploması

· Elektrik Mühendisliği Diploması+ Çalışma Çalışmaları Lisansı Elektrik Mühendisliğ

· İnşaat Mühendisliği Diploması+ Çalışma Çalışmaları Lisansı İnşaat Mühendisliği

· Makine Mühendisliği Diploması + Çalışma Çalışmaları Lisansı Makine Mühendisliği

· İş Araştırmaları Yönetimi Lisans Programı

· İş Araştırmaları Bilgi Teknolojisi Lisansı

· Aşağıdaki İngilizce ders kitaplarını kendi dilinizdekilerle birlikte okuyun.

The textbooks in both English and local languages will be provided for the following courses.

The students need to study the textbooks by following the instructions in the study guides, viewing the instruction videos and submit the assignments and assessment tasks.

<mark>Courses</mark>

· Diploma in General Engineering

· Diploma in Electrical Engineering+ Bachelor of Work Studies Electrical Engineering

· Diploma in Civil Engineering+ Bachelor of Work Studies Civil Engineering

· Diploma in Mechanical Engineering+ Bachelor of Work Studies Mechanical Engineering

· Bachelor of Work Studies Management

· Bachelor of Work Studies Information Technology

· Read the following textbooks in English together with those in your language.
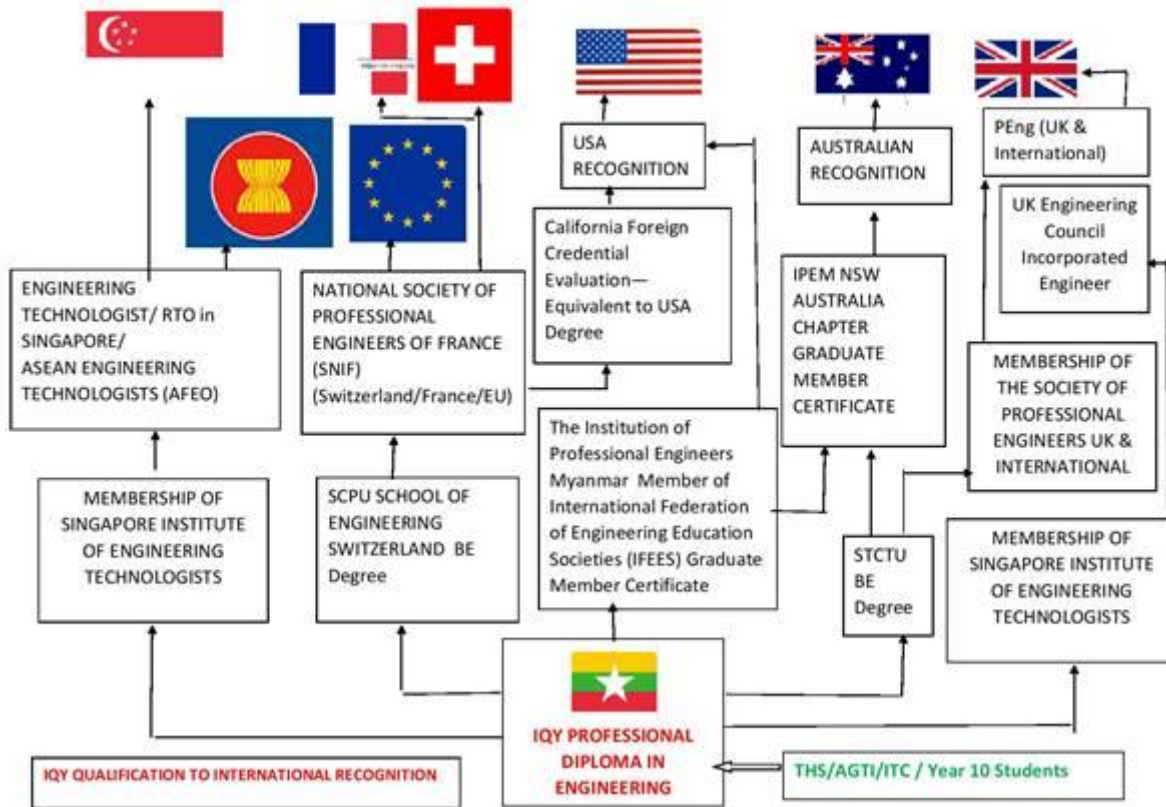
IQY Qualification Framework

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

List of universities in Switzerland — X   +

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

2 Not logged in Talk Contributions Create account Log in

6,000,000 ARTICLES
WIKIPEDIA
The Free Encyclopedia

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Wikimedia Commons

Print/export
Download as PDF
Printable version

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
University of				French /	Public	

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IQY Graduation

19 July 2018 Gandamar Grand Ballroom+2019 Sedona Hotel Graduation

IQY St Clements Education Group
STC Technological University
IQY Technical College
CONVOCATION CEREMONY
(19 JULY 2018)
www.iqytechnicalcollege.com

IQY Teaching Classes

IQY Mandalay Teaching Session

Reception+ Individual Consultation Place+ Discussion Room

IQY TECHNICAL COLLEGE PRACTICAL + SITE VISIT

Sitting place

Classroom 3 Downstair (Standby Place) +Upstair Classroom 4

IQY E Learning

IQY Practical

73
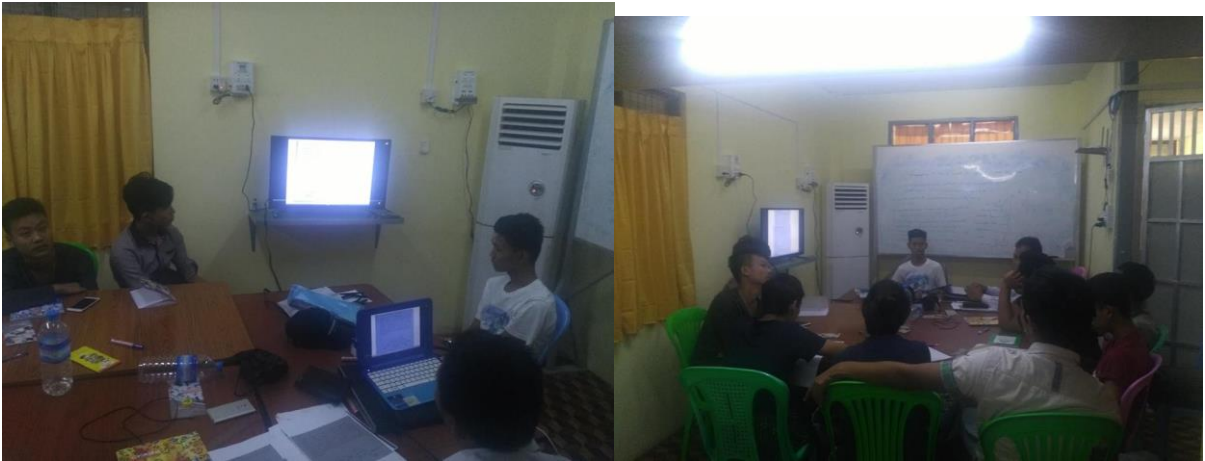
Milestones of IQY Technical College and International recognition of IQY and IPEM

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.

THE INSTITUTION OF PROFESSIONAL ENGINEERS MYANMAR
NEW SOUTH WALES AUSTRALIA CHAPTER
Incorporated
Registration Number:
INC1901087 - registration – LN
Promoting Myanmar Engineering Profession

GRADUATE MEMBERSHIP CERTIFICATE

The holders of IQY Technical College Diplomas are recognized as Graduate Members of
The Institution of Professional Engineers Myanmar (IPEM) in the respective grades in the following table.

Professional Diploma in Engineering (Year 4)	Graduate Member (Professional)
Professional Diploma in Engineering Technology (Year 3)	Graduate Member (Technologist)
Advanced Diploma in Engineering (Year 2)	Graduate Member (Technical)
Professional Diploma in ICT (Year 4)	Graduate Member (ICT Professional)
Advanced Diploma in ICT (Year 2)	Graduate Member (ICT Technical)
Professional Diploma in Management (Year 4)	Graduate Member (Management Professional)
Advanced Diploma in Management (Year 2)	Graduate Member (Management)
Graduate Diploma and Master Diploma in Engineering	Graduate Member (Postgraduate)
Graduate Diploma and Master Diploma in ICT	Graduate Member (Postgraduate)
Graduate Diploma and Master Diploma in Management	Graduate Member (Postgraduate Management)
Diploma in Doctoral Studies in Engineering/ICT	Graduate Member (Doctorate)
Diploma in Doctoral Studies in Management	Graduate Member (Doctorate)
Diploma in General Engineering	Associate
Certificate in all IQY Technical College courses	Affiliate
Diploma in IQY Technical College courses other than Engineering, ICT and Management	Affiliate

In the following table, fill your name, ID number and grade of membership appropriate to your
classification of your IQY Technical College diploma.

Name	
ID Number	
Membership Grade	

Registrar

This certificate is not valid without listing of the holders in graduates list at
http://www.iqytechnicalcollege.com/graduates.htm

Certificate of Recognition

This is to certify that

Professional Diploma in Engineering

(awarded by IQY Technical College)

Is recognized by SIET as satisfying its academic requirement for the membership grade of
Fellow (FSIET) according to Clause 4(d)(iii) of SIET's Constitution.

FSIET with the required academic qualification and working experience is eligible for
registration as **Asean Engineering Technologist (AET)**

with the **Asean Engineering Register (AER).** [Website: www.afeo.org]

Prof (Dr) Sam Man Keong

CEng, FIET, MICE, MCIOB,
FCABE, CBuildE, CEnv, FCQI, CQP, CMath, MIMA, CSci.

SIET-Accreditation & Examination Board

Date of Issue: 1 February 2020 (valid until 30 January 2024)

Certificate of Recognition

This is to certify that

Advanced Diploma in Engineering

(awarded by IQY Technical College)

Is recognized by SIET as satisfying its academic requirement for the membership grade of
Member (MSIET) according to Clause 4(e)(iii) of SIET's Constitution.

MSIET with the required academic qualification and working experience is eligible for
registration as **Asean Technician (AT)** with the **Asean Engineering Register (AER).**

[Website: www.afeo.org]

Prof (Dr) Sam Man Keong

CEng, FIET, MICE, MCIOB,
FCABE, CBuildE, CEnv, FCQI, CQP, CMath, MIMA, CSci.

SIET-Accreditation & Examination Board

Date of Valid : 1 February 2020 (valid Until 31 January 2024)

NSW | Fair Trading
GOVERNMENT

**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 9th February 2019.
All PEng(UK) Certificates issued by former SPE(UK) continue to be valid and regarded as Life Membership.

မြန်မာနိုင်ငံပညာရှင်အင်ဂျင်နီယာအဖွဲ့ ချုပ်

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)

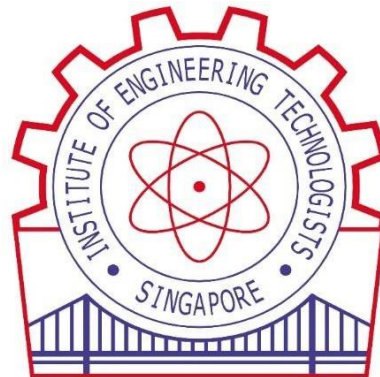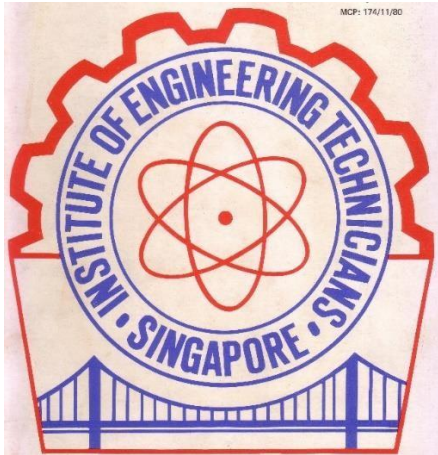The Institution of Professional Engineers Myanmar NSW Australia Chapter

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

Founded 1980
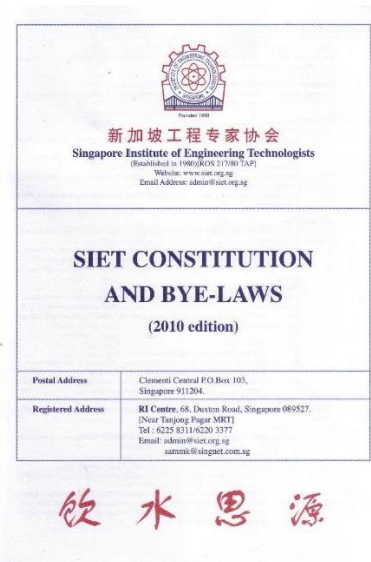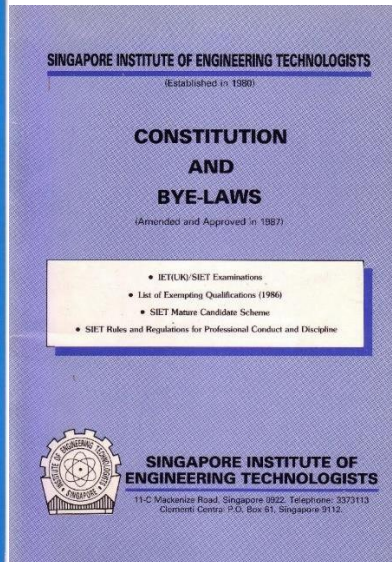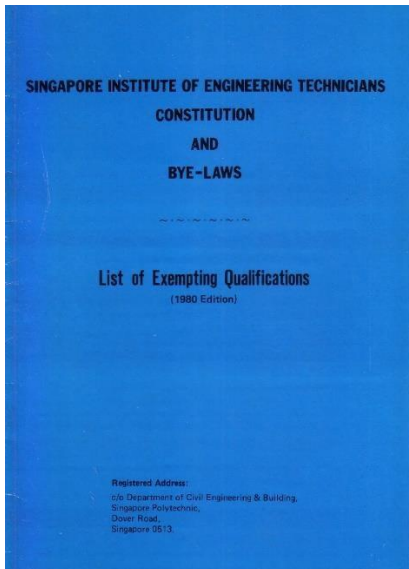
SIET is member of WFTO and SPC:
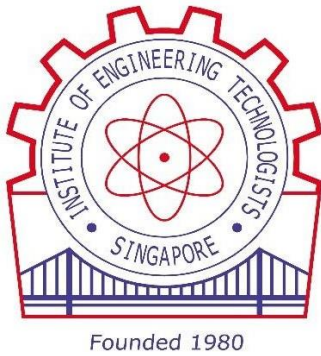
SIET's Presidential Message for 35th Anniversary (1980 – 2015)

35 years ago I initiated the formation of SIET - a local professional body for Polytechnic and Vocational graduates in Singapore. It is for the '**Technologists**'and '**Technicians**' – the two key building blocks within the engineering profession.

SIET has weathered through the '**winds and rains**' or '**ups and downs**' during its 35 years of existence.

Today SIET has gone global with closed collaboration with various professionalbodies:

1. **United Kingdom** : The Society of Professional Engineers (SPE); The Institution of Engineering Designers (IED); Chartered Association of Building Engineers (CABE).
2. **South Africa** : Institute of Professional Engineering Technologists (IPET); Design, Technology and Management Society International (DTMSI).
3. **Italy** : Association of British Engineers in Italy (ABEI).
4. **Malaysia** : Technological Association of Malaysia (TAM).

SIET belongs to you - the Engineering/Technology graduates from Polytechnic and ITEs. Your support can make the difference – a stronger voice for the Engineering Profession : **Technicians ➔ Technologists ➔ Professional Engineers.**

Sam Man Keong (岑文强)

SIET's President (2014/2015) Email:

sammk1951@gmail.com

Extract from SIET First Yearbook (1980/1981)
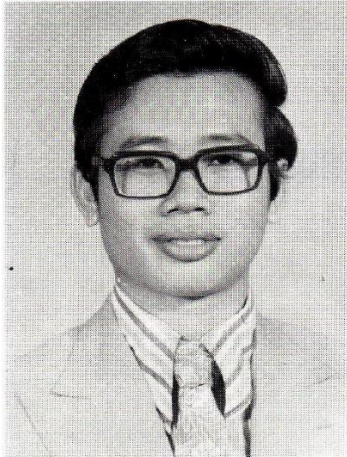
Message

From The Founder And First Honorary Secretary Of The Singapore Institute Of Engineering Technicians

It is with great pleasure that I am writing this short foreward to the FIRST SIET Yearbook & Directory of Members.

As one who has been associated with the Institute since its beginnings, I can well remember the great uncertainty which preyed upon the minds of many of us, that is, whether the SIET would survive. Looking at the many and ever increasing activities of the SIET today, I have no doubt that it will not only survive but will grow from strength to strength.

As a learned society, the Institute has decided to conduct its own examinations in Civil, Electrical and Mechanical Engineering at the initial stage. The main purpose of these examinations is to provide another means for young school leavers to become qualified engineering technicians. The first examinations will be held in April, 1982.

Together with the Institute's Examinations, the Institute will be running Training Programmes for those members who need proper coaching.

Some members are very concerned about the SIET Training programmes. Are we competing with the Singapore Polytechnic in the establishment of evening courses? As the national body catering for all engineering technicians, we have never interfered or competed with local technical colleges. We have always voiced our concern over the shortage of trained engineering technicians. The fact is that many qualified school leavers are not given the opportunity to study in the Singapore Polytechnic or the Ngee Ann Technical College due to limited resources. Our Training Programmes will serve a two-fold purpose:

(1) It provides the young school leavers another chance to upgrade their technical skills and knowledge;

(2) It helps to alleviate the great shortage of qualified engineering technicians.

As a matter of fact, very few so-called professional bodies in Singapore have taken the initiative to conduct their own examinations. On one hand, they are very concerned about the great shortage of trained or well-qualified professionals. But have they ever done anything to solve this problem? The least perhaps that they can do is to conduct their own examinations to test those who are classified as 'unqualified'.

Is SIET a professional body? Personally I feel it depends on what the Institute is actually doing. The name itself is of secondary importance. Many so-called professional bodies are only active in organising social activities. Are they really professional?

FINALLY I wish to thank all those who have contributed in one way or another to make this publication a success.

SAM MAN KEONG

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SIET – Offices.

SIET – Examinations.

SIET - 35th Anniversary -
2015

SIET - 35th Anniversary -
2015

IEM/BEM Graduate Examination
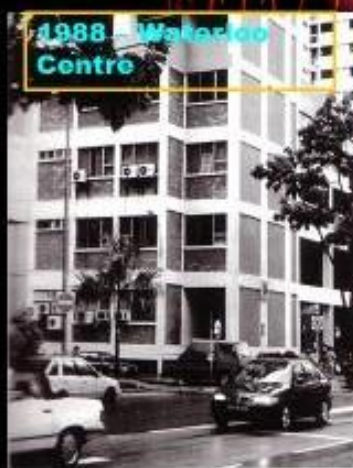
SIET - 35th Anniversary - 2015

SIET – Examinations (old)
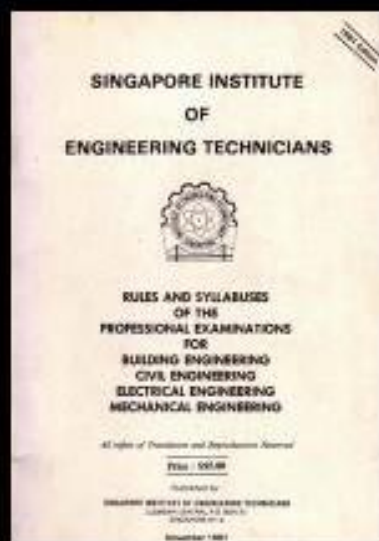
SIET - 35th Anniversary - 2015

SIET – Courses.

SIET – Courses (1987 ; 1988)

SIET - 35th Anniversary - 2015

SIET – Courses (1989 ; 1990)

SIET - 35th Anniversary - 2015

SIET – CPD Handbooks

SIET - 35th Anniversary - 2015

SIET – CPD Handbooks

SIET - 35th Anniversary - 2015

SIET – Publications (Quarterly Journals – 1981)

First Issue of SIET Journal : January 1981

SIET - 35th Anniversary - 2015

SIET – Publications (Quarterly Journals – 1981)

SIET - 35th Anniversary - 2015

[A phoenix depicted in a book of mythological creatures by FJ Bertuch (1747–1822)]

Phoenix

Fenghuang

(simplified Chinese: 凤凰;traditional Chinese: 鳳凰)

The Rebirth of SIET in 2005

SIET – Special Meeting – 23 Oct 2005

SIET - 35th Anniversary - 2015

Official Opening of SIET – Professional Activities Centre @ Aljunied on 9 January 2010

SIET - 35th Anniversary - 2015

SIET – Professional Activities Centre (2010)

SIET - 35th Anniversary - 2015

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Talk on SIET – Professional Examinations & Certifications at SIET – PAC on 12 June 2010

SIET - 35th Anniversary - 2015

Talk on BOMI Designations at SIET –PAC on 23, March 2010

SIET - 35th Anniversary - 2015

Talk on Strategic Planning by Dr Joshua Wong at SIET – PAC on 17 April 2010

SIET - 35th Anniversary -
2015

SIET attended the 10th Mid-Term AFEO Meeting atVientiane, Lao PDR (8 June 2011)

SIET participated at CAREER 2012

Some important milestones of SIET :

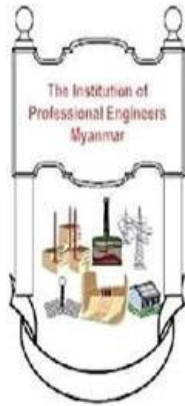| Year	Important Milestone
1980	Establishment of SIET
1981	**SIET Yearbook** launched (Last published in 1999) **SIET Quarterly Journals** launched [Last issue : December 1999] SIET – Advanced Diploma in Civil Engineering (incorporating CEI Part 2 syllabuses).
1982	SIET Constitution was amended to enable the Institute to conduct its own **Professional Examinations**.
1984	SIET was affiliated to the **Institute of Engineers & Technicians, UK** [Founded 1948; Incorporated 1967] . Suitably qualified members can be registered as EngTech and IEng of UK. [IET-UK later merged with IIE-UK; IIE-UK later merged with IEE-UK to form the present Institution of Engineering & Technology, UK.][website : www.theiet.org]
1985	SIET adopted the **Society of Engineers, UK** as its own qualifying examinations: [Established 1854; Incorporated 1910]SOE Part 1 ➜ AMSIET SOE Part 2 ➜ MSIET SOE Part 3 ➜ FSIET Members who have completed all the three part examinations and with the required professional experience can apply for registration as PEng(UK) with the Society of Professional Engineers, UK. [website : www.professionalengineers-uk.org]
1986	SIET changed its name from **'Technicians' to 'Technologists'**. SIET supported the **Master of Business Administration** (MBA) program awarded by the **Oklahoma City University**, USA in Singapore.
1988	SIET was elected as a full member of the **Singapore Professional Centre**. SIET officially adopted The Engineering Council, UK Examinations as its alternate Qualifying Examinations: EC Part 1 ➜ MSIET EC Part 2 ➜ FSIET
1989	SIET introduced its first **Graduate Diploma in Management for Technology** (GDMT) programme. Tuition classes leading to **UK - EC Part 2 Exam** began.
1990	Signed MOU with the **Technological Association of Malaysia** (TAM). [website : www.tam.com.my]
1991	SIET was affiliated to the **Society of Engineers, UK** [Founded 1854; Incorporated 1967] [SOE-UK later merged with IIE-UK; IIE-UK later merged with IEE-UK toform the present Institution of Engineering & Technology, UK.][website : www.theiet.org]

1994	SIET – General Certificate in Engineering launched. SIET – Diploma in Engineering Management launched.
1995	Signed MOU with the **Applied Science Technologists and Technicians of British Columbia,** Canada. [website : www.asttbc.ca]
1996	Signed MOU with the **Institute of Professional Engineering Technologists, South Africa.** [website : www.ipet.co.za] Signed MOU with the **Institution of Engineers, Australia**.[website : www.engineersaustralia.org.au]
1997	Founder Member of the **World Federation of Technology Organizations** (WFTO). [website : www.wfto.org] Signed MOU with the **University of Southern Queensland,** Australia. - Polytechnic Diploma holders in Engineering disciplines can upgrade themselves to 'Professional Engineer' level via **the Bachelor of Engineering programme by distance learning.** [website : www.usq.edu.au]
1999	Signed MOU with the **University of Newcastle,** Australia. - Polytechnic Diploma holders in Built Environment disciplines can upgrade themselves to 'Fellow (FSIET)' grade via **the Bachelor of Construction Management programme by distance learning.** [website : www.newcastle.edu.au]
2005	**Re-birth of SIET.**
2006	SIET Yearbook re-launched.
2008	**SIET – Accreditation Board** launched. **SIET – Approved Training Centre Scheme** introduced.
2009	**SIET Certification Scheme** introduced: AMSIET ➔ Certified Engineering Associate (**CertEA)*** MSIET ➔ Certified Engineering Technologist (**CertET**)* FSIET ➔ Certified Technical Specialist (**CertTS**)* [Must sit and pass the **SIET – Test of Professional Competence** unless exempted, e.g. **BCA-RE** can be registered as SIET – CertTS; **BCA – RTO**can be registered as SIET – CertET without further exam.]
2010	**SIET – Professional Examinations**: **Level 1** – **Associate Membership** Exam (8 subjects) [➔ SIET – Diploma in Engineering Technology] **Level** **2** – **Membership** Exam (8 subjects) [➔ SIET – Advanced Diploma in Engineering Technology] **Level 3** – **Fellowship** Exam (6 subjects) [➔ SIET – Professional Graduate Diploma in Engineering Technology or Engineering Management]

	[Formatted according to the **USA-NCEES : FE/PE Exams**; website : www.ncees.org]
2013	**MOUs with** 1. Institution of Engineering Designers, United Kingdom [**IED**] SIPMM Academy, Singapore [*Diploma in* ***Engineering Management****;* *Advanced Diploma in* ***Engineering Management***]

2014	**MOUs with**
	   1. Association of British Engineers in Italy [**ABEI**]
	   2. Temasek Polytechnic, Singapore
	Institution of Aquaculture Singapore

SIET – Collaboration

FEDERAL UNION OF BURMA

ဖက်ဒရယ်ပြည်ထောင်စုမြန်မာနိုင်ငံတော်

We support
Federal Union of
Burma

မြန်မာနိုင်ငံပညာရှင်အင်ဂျင်နီယာအဖွဲ့ ချုပ်

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

www.ipemyanmar.org

www.ipemyanmar.blogspot.com

www.highlightcomputer.com/ipem.htm

Constitution	Contact	Membership and Certification	Accreditation & Affiliation	Education and Training Unit	International Higher Education Unit	Engineers Affairs , Local and International Events	Fair Engineering Law and Practice	Myanmar Professional Engineer	Myanmar Technological Universities

Objectives

1. Establish IPEM as International Professional Association which organize overseas Myanmar Engineers. In this case we joined International Federation of Engineering Education Societies (IFEES-USA)
2. IPEM NSW Australia Chapter was granted Incorporated Organization status by NSW Government of Australia
3. Assist Myanmar Engineers to get International Recognition
4. Support Myanmar Government in the case of National Emergency.

The Institution of Professional Engineers Myanmar is the organization to support the National Unity Government of Myanmar to eliminate Myanmar Military Junta and Myanmar Engineering Council which is controlled by Ex Military Personnel.

Myanmar Engineering Council Law Change Committee Information

IPEM Announcement 17 February 2019

IPEM Taking Part in D Day 7 September 2021 in Myanmar

THE INSTITUTION OF PROFESSIONAL ENGINEERS MYANMAR TECHNOLOGICAL UNIVERSITY (IPEM TECHNOLOGICAL UNIVERSITY)

(International Institute of The Institute of Professional Engineers Myanmar)
www.ipemtechnologicaluniversity.education

IPEM TECHNOLOGICAL UNIVERSITY-COORDINATION SERVICE

(IPEMTU International Engineering)

www.ipemyanmar.org/ipemtucoordinationservice.htm

www.ipemyanmar.org/ipemtu.htm

THE INSTITUTION OF PROFESSIONAL ENGINEERS MYANMAR TRAINING UNIT

Located in Australia

IPEM BRANCHES

The Institution of Professional Engineers Myanmar and The Institution of Professional Executives Myanmar are established as Online Professional Societies. Depending on the tasks, the following branches with some physical contacts are organized.

(1)   Engineering Education Branch

Myanmar Society of Engineering Educators (MSEE)

Myanmar Society of Engineering Education (MSEE) is established as an Engineering Education Branch of The Institution of Professional Engineers Myanmar (IPEM) by collaboration with Education and Training Unit, IQY Technical College of The Institution of Professional Engineers Myanmar (IPEM)

MSEE will have the same Mission & Vision and Objectives of The Institution of Professional Engineers Myanmar (IPEM)

Website: www.highlightcomputer.com/msee.htm

(2)   General Education Branch

The Institute of Professional Educators Myanmar

Professional Association for All Myanmar Educators including Primary, Secondary, Tertiary, Vocational Education and all other disciplines of teaching and training.

Membership and Training Enrolment

Website- www.ipemyanmar.org

REFERENCE SITE

www.highlightcomputer.com/bedschoolvet.htm

(3)   Renewable Energy Branch

(4)   Society of Professional Engineers (UK and International) Co-operation

www.thespeukinternational.org

http://professionalengineers-ukinternational.blogspot.com
https://thespeukinternational.webs.com/

(5)   The Institution of Professional Executives Myanmar
www.ipemyanmar.org/executives.htm

(6)   IPEM Employment Qualifications Board (IPEMEQB)
www.ipemyanmar.org/ipemeqb.htm
DECLARATION VIDEO

https://youtu.be/kh2r059ddUE

ANNOUNCEMENT

ANNOUNCEMENT (ENGLISH) IPEMEQB

(7)   Co-operation with The Society of Professional Executives
International www.thespeukinternational.org/executives.htm
(8)   The Institution of Professional Engineers Myanmar NSW Australia Chapter
PO BOX 227 Marrickville, NSW 1475 Sydney Australia

(9)   The Institution of Professional Engineers Myanmar,Myanmar Chapter
(10) The Institution of Professional Engineers Myanmar ,International Chapter
Fiji and South Pacific Education and Employment Group
https://www.facebook.com/groups/448209269314722

(11) Military Engineer Branch

www.ipemyanmar.org/militaryengineer.htm

People Defence Force Academy

www.ipemyanmar.org/pdfa.htm

(12) General Education Support Unit
www.justiceformyanmarpeople.org/education.htm

SOCIAL MEDIA OF IPEM

The Institution of Professional Engineers ,Myanmar Facebook Page

https://www.facebook.com/Myanmar-Professional-Engineers-Group-382000479076721

Myanmar Professional Engineers Group

www.ipemyanmar.org/MyanmarPEGroup.htm

From 29 May 2019

https://twitter.com/IPEMORG

https://www.facebook.com/groups/1726726080906514/

Up to 29 May 2019

https://www.facebook.com/Myanmar-Professional-Engineers-Group-302227464060498/

https://www.facebook.com/groups/1558123277821034/

Myanmar Civil Defence Engineers Group

https://www.facebook.com/groups/303771553436602/

GTHS Students who will study International Higher Education Group

https://www.facebook.com/groups/986926511518594

Indo-Universal Colloboration
for Engineering Education
IUCEE
Representatives
Krishna Vedula
Stephanie Farrell

Institute of Electrical and
Electronics Engineers, Inc.
IEEE
Representative
Jamie Moesch

Institute of Industrial and
Systems Engineers
IISE
Representative
Don H. Greene

Industrial Engineering and
Operations Management
Society
IEOM
Representative
Ahad Ali

The International Association
for Continuing Engineering
Education
IACEE
Representative
Soma Chakrabarti

International Council on
Systems Engineering
INCOSE
Representative
Ariela Sofer

International Institute of
Innovation and Technology
IIITEC
Representative
Mario Chauca

International Institute of
Institute of Professional
Engineers Myanmar
IPEM
Representative
Kyaw Naing
Thwin Thu Lynn
Myint Kyaw

Iranian Society of
Engineering Education
ISEE
Representative
Ali Ashrafizadeh

Japanese Society for
Engineering Education
JSEE
Representative
Masahiro Inoue
Koichi Homma

Kazakhstan Society of
Engineering Education

Latin American and Caribbean
Consortium of Engineering

National Academy of
Engineering Grand Challenges

Association for Engineering
Education of Russia

Scientific Society of
Engineering Education

Membership Overview

28 Countries

60 Organizations

90 Representatives
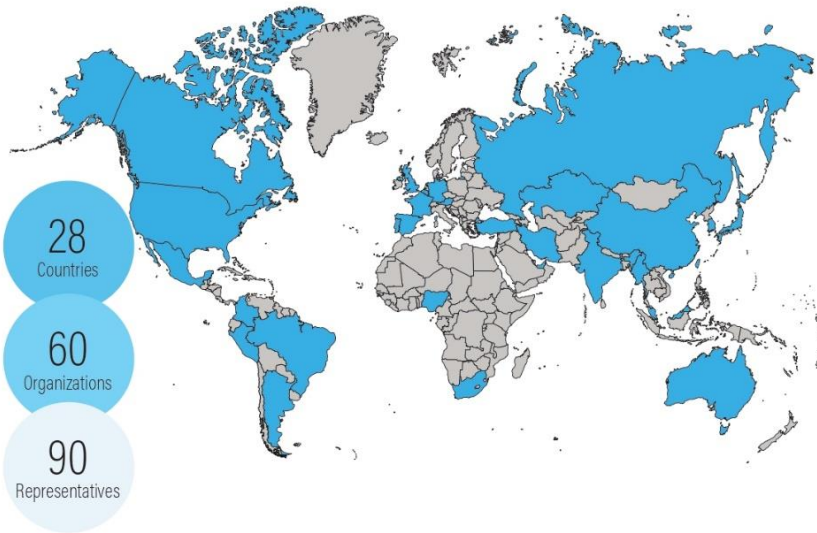
NEW PARTNERSHIPS

WORLD FEDERATION OF ENGINEERING ORGANIZATIONS
Memorandum of Understanding

World Federation of Engineering Organizations
Fédération Mondiale des Organisations d'Ingénieurs

IFEES, the GEDC and the World Federation of Engineering Organizations (WFEO) signed a Memorandum of Understanding in Paris on March 7, 2018. The WFEO's key strategic objective is to progress the United Nations Sustainable Development goals through engineering, and has partnered with IFEES given that engineering education is vital to achieving this objective. WFEO's membership includes professional engineering institutions from nearly 100 countries. The agreement enables both organizations to develop joint projects and events for the development of engineering education, facilitating joint activities devoted to promoting and supporting engineering education, especially in countries where there is a need to build capacity in this area. Furthermore, this partnership will enable discussion about the experience of engineering accreditation and the effectiveness of engineering education standards globally, especially in a rapidly changing technology environment.

IFEES President Michael Auer and WFEO President Marlene Kanga shake hands after signing the MoU.

WORLD BANK
Consultative Relationship

THE WORLD BANK

New Members

CORPORATE

EngineeringCAS by Liaison
Representative: Ron Hyman

EngineeringCAS™ is a full service, web-based application service that allows students to apply to multiple participating master's and doctorate programs with a single application and facilitates a streamlined admissions process for programs.

LIAISON

GOLD

Education Promotion Society for India
Representative: N. Sambandam

Formed by a group of senior educators, educational entrepreneurs, intellectuals, industry leaders and policy makers, EPSI has assumed a catalytic role in promoting the growth and quality of education in India. EPSI coordinates between government, institutional operators, academia, industry, students, employers and national and international bodies. EPSI is one of the hosts of WEEF 2019 Chennai.

EPSI

BRONZE

Association of European Civil Engineering Faculties
Representative: Alfredo Soeiro

AECEF

AECEF, with participation of civil engineering faculties from non-European countries, provides a means of cooperation and transfer of technologies among civil engineering faculties, their research workers, teachers and students, and among civil engineering specialists and institutions from different countries.

Institution of Professional Engineers Myanmar
Representatives: Myint Kyaw, Thwin Thu Lynn, Kyaw Naing

IPEM promotes engineering education and career development of engineering educators in Myanmar. Its mission includes establishing registers of engineering educators, providing a link between engineering academic and practical site works, and providing continuing education and professional support to engineering educators in Myanmar.

STUDENT

Ikasle Socio-Educational Entity
Representative: Azeez Mohideen Mohamed Nazeer

ISEE's mission is to intellectually challenge students in intensive Critical Thinking (CT) based workshops, helping them to exhibit their investigative skills, foster their decision making abilities and thus assist to reorient their approach towards learning. ISEE conceptualizes and disseminates innovative techniques to improve CT of students, with a philosophy built on trans-disciplinary and student-centered learning, thus developing a strong network of creative, critical and responsible citizens.

IKASLE

The Society of Professional Engineers (International) (SPE Int)

Also operated as (The Institution of International Professional Engineers(IIPE))

www.thespeukinternational.org

Expanded to

The Society of Professional Executive (International)
www.thespeukinternational.org/executives.htm

To include International Professional Teachers, Lawyers, Accountants, Managers and other Professionals **Reorganized as Society of Professional Engineers (UK and International) in 2018 Renamed as Society of Professional Engineers (International) on 8 February 2019**

Updated as The Institution of International Professional Engineers on 12 February 2019

(The Institution of International Professional Engineers is Association of International Professional Engineers being operated as an Online Society rather than Incorporation under a legal authority of one country but only engineers can join and the approval is to be performed by our authorized international professional engineers)

International Affiliated Organizations and Contacts	Membership and Professional Engineer (PE Int) Registration	Central Administration Contact & International Friends of SPE International	Membership Application	News ,Information Social Media	Code of Professional Conduct

From 8 February 2019, all of the titles and references which include the word (UK and International) have been changed to titles and references which include the word (UK and International) to SPE International/ The Institution of International Professional Engineers is not a part of UK Engineering Council

What is The Institution of International Professional Engineers (IIPE)?

The Institution of International Professional Engineers (IIPE) was formed by the Life members of The Society of Professional Engineers (International) who are former International members of The Society of Professional Engineers (UK) which was merged with The Institution of

Engineering and Technology and then the ownership was transferred to The Engineering Council of UK.

The international members of The Society of Professional Engineers (UK) who did not agree to merging of The Society of Professional Engineers (UK) with The Institution of Engineering and Technology to give up their PEng designations without seeking the voting of the International Members of The Society of Professional Engineers (UK) which composed of the majority of the membership of The Society of Professional Engineers (UK) organized themselves to establish The Society of Professional Engineers (UK and International) to maintain their PEng designations in 2018 firstly.

As they believe that they have the rights to retain their Professional Engineers Status without any force, effect and influence by the Law of UK, The Society of Professional Engineers (UK and International) was changed to the new name "The Society of Professional Engineers (International) and then establish The Institution of International Professional Engineers (IIPE) which is an International Professional Engineers Organization in which all Professional Engineers around the world can participate on equal footing and which is independent of the authority of any country to possess Professional Engineer (International)

The Society of Professional Engineers (International)

(The Society of Professional Engineers -SPE) was established the United Kingdom in 1969, to promote the interests of skilled engineers in all the main branches of Engineering.

The main objective of the Society is to enhance the status of trained and experienced professional engineers in the absence in the UK of any legal protection for the title **"Engineer".** The founding members believed that this was necessary, as
"Engineer" can be used by anyone in the UK, whether or not trained or experienced. This remains a priority for the Society. The Society created and maintains a Register of Engineers who can demonstrate knowledge and competence in engineering. Applicants who meet the Society's criteria for membership may use the designation **"P.Eng".**.

The Society of Professional Engineers traces its origins to the Society of Engineers, which was founded in 1854 as a learned society.[1] On 27 October, 1969, a number of the Society of Engineers' Corporate members formed the Society of
Professional Engineers. (The original Society of Engineers was integrated in 2005 into the Institution of Incorporated Engineers, itself merging with the Institution of Electrical Engineers in 2006 to form the Institution of Engineering and Technology, the biggest professional engineering body in Europe).

The Society is a Company Limited by Guarantee, registered in England, and its Memorandum and Articles of Association were approved by the UK Government's former Department of Trade and Industry, now Department for Business, Innovation and Skills. Its legal objects are:[2]

* To promote the high standards of expertise and professionalism in the practice of engineering, for the benefit of those members of the general public who have need to avail themselves of the services of engineers.

* To promote the development of inventions and improvements in the practice of engineering and to disseminate information on matters affecting the practice of engineering so as to bring the results of research and considerations of good practice into the public domain.

The Society keeps a register of persons who subscribe to the Society and who, in the eyes of the Society, 'have proved their competence and can be accurately described as Professional Engineers', awarding them the 'PEng MSPE' (member) or 'PEng FSPE' (fellow) designation according to qualifications and experience Getting in is tough, but can prove rewarding if trying to excel in areas such as proving an invention.

In 2018 April, when the Society of Professional Engineers UK merges with The Institution of Engineering and Technology, the international members of SPE-UK establish the Society of Professional Engineers UK & International and to keep the register of International Professional Engineers and their designations PEng,MSPE(UK &International),, PEng(International)

The society becomes an online society and collaborates with other international engineering organisations which have the same objectives.

The Original Logo of The Society of Professional Engineers (UK) is shown below but The Society of Professional Engineers UK & International will no longer use that logo and we are not a new form of The Society of Professional Engineers (UK) but a New International Professional Engineers Organization which does not link to The Society of Professional Engineers UK although we re-organize the former members of The Society of Professional Engineers UK to retain PEng titles.

Due to our Life Members' wishes and UK is also included in International Community, on 8 February 2019, The Society of Professional Engineers (UK and International) changed its' name to The Society of Professional Engineers (International). Our working documents were also changed accordingly.
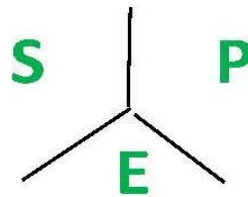
On 12 February 2019, The Society of Professional Engineers (International) adopts the name (The Institution of International Professional Engineers-IIPE). Our designations will be PEInt,MSPE(International),MIIPE or PEInt,FSPE (International), FIIPE.

The Original Logo of The Society of Professional Engineers (UK) which is no longer used by The Society of Professional Engineers (International)

The Logo of THE SOCIETY OF PROFESSIONAL ENGINEERS (UK & INTERNATIONAL) utilized from

2018 to 8 February 2019

CURRENT LOGO OF THE SOCIETY OF PROFESSIONAL ENGINEERS (INTERNATIONAL) (with effect

from 8 February 2019)

The Society of Professional Engineers (International) acknowledges that our current website is sponsored by our international partner Pacific Engineering Group in Australia

The Society of Professional Engineers International integrates the following branches to provide the professional service for management and information technology.

- **Institute of Professional Business and Technical Managers (UK)**
- **International Institute of Science, Engineering and Management (Computer Science Branch)**
- **STC Technological University (Academic and Educational Branch)**

The Society of Professional Executives International which is a branch of The Society of Professional Engineers International now takes the functions and tasks of International Association for Distance Learning (IADL)
www.thespeukinternational.org/iadl.htm

IAU List of International Universities+ The List of Private Universities submitted by our international members.

International Handbook of Universities

APEC Engineers

The Society of Professional Engineers International works with several APEC Committees internationally by providing professional assistance as many of their members are also our International Professional Engineers members.

Sydney Technical College

THE SPE International operates Sydney Technical College to award Certificate, Diploma and Bachelor Degrees
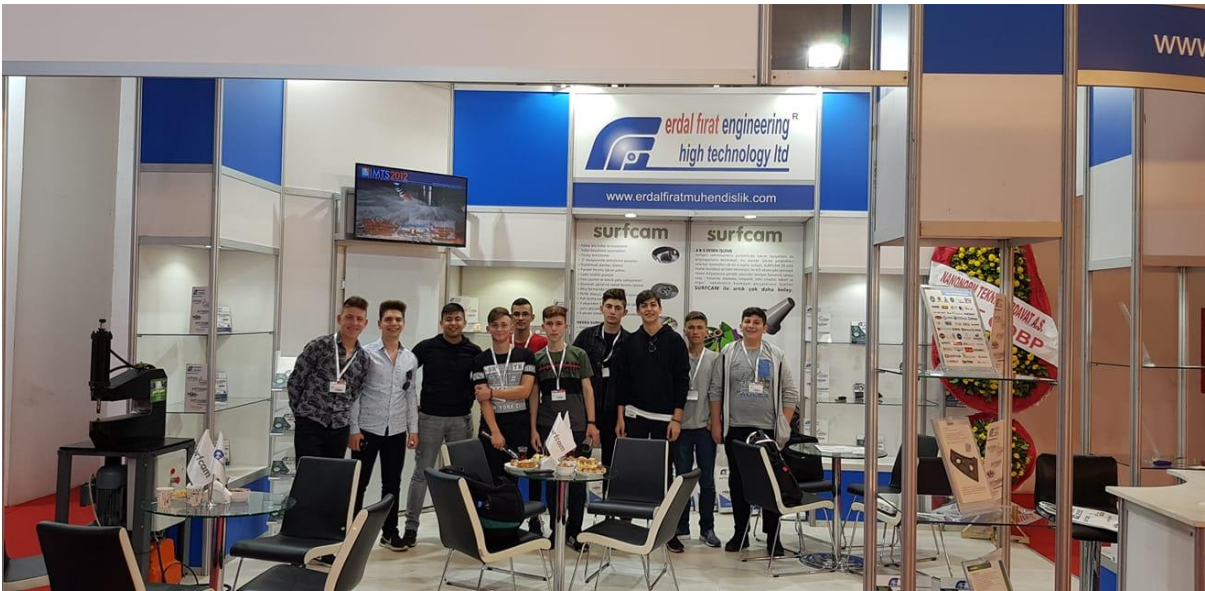
in Various academic disciplines

Erdal Firat Engineering High Technology Limited Surfcam Training and IQY Technical University Combined Campus at Izmir Turkey

IQY Technical College

IQY Technical College

IQY Technical College
www.iqytechnicalcollege.com
www.iqytechnicalcollege.blogspot.com.au
St Clements University Myanmar College
www.stclements.edu/myanmar

http://www.iqytechnicalcollege.com/iqymyanmar1.htm

ABOUT ME
IQY
View my complete profile

BLOG ARCHIVE
▼ 2016 (1)
  ▼ January (1)
    IQY Technical College

COURSES	ENROLMENT	ENQUIRY	INFORMATION
Offered Courses	All Enrolments for degrees & diplomas in Engineering/IT/Management	Contact	Advertisement
Curriculums	THS GTI BE Bridging Enrolment	Academic and Administrative Staff	Course Objectives
Courses and Enrolment	TVET Teacher Training Enrolment	List of Graduates	International Recognition
IQY Qualifications Framework	Vocational Education Courses Enrolment	Authorised Training Centre of Singapore Institute of Engineering Technologists (Initial Document) Continuing Accreditation will be available on demand	Students Centre Job Competencies Career and Job Information

ABOUT IQY TECHNICAL COLLEGE
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.

06/05/2024, 11:42   IQY Technical College

IQY Technical College of Highlight Computer Group is affiliated to St Clements University, S.T.C Technological University, International Institute of Science, Engineering & Management & The Institute of Professional Business & Technical Managers.
IQY Technical College of Highlight Computer Group is the first Myanmar based institution that provides the international standard education to the students over the world by e-Learning.

MISSION & VISION
IQY Technical College teaches St Clements University & S.T.C Technological University 's Diploma/ Advanced Diploma and Bachelor Degree programs in Engineering, Information Technology and Management courses to the students of Myanmar at the price affordable to average working class people of Myanmar

www.highlightcomputer.com
www.stclements.edu
www.stclementstu.com

IQY Technical College is affiliated to The Institution of Professional Engineers ,Myanmar (IPEM)
Highlight Computer Group teaches St Clements University & S.T.C Technological University 's Diploma/ Advanced Diploma and Bachelor Degree programs in Engineering, Information Technology and Management courses to the students of Myanmar at the price affordable to average working class people of Myanmar
IQY Technical College is affiliated to The Institution of Professional Engineers ,Myanmar (IPEM) which also acts as Students Association, Alumni for Graduates and Professional Association for Engineers.

www.highlightcomputer.com/ipem.htm

Posted by IQY at 20:50   1 comment:

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