

## **Graduate Diploma in Engineering Practice+ Master of Engineering Practice (Electrical/Civil/Mechanical) Course outline**

This course provides the Professional Development Program & study assistance for Bachelor of Engineering degree graduates to sit Registered Engineer/ Registered Senior Engineer & Professional Engineer Examinations of Myanmar Engineering Council.

This course is provided by collaboration among Singapore Institute of Engineering Technologists, St Clements Technological University and IQY Technical College of Highlight Computer Group.

### **Entry Requirement**

BE / B Tech degree in Electrical/Civil/Mechanical Engineering.

The holders of AGTI will need to enrol , attend and complete Professional Diploma in Engineering course of IQY Technical College or BE degree course of St Clements Technological University before enrolment into this program.

### **Teaching System**

- Online training
- The students will need to download the study resources from internet or copy them into the USBs from the authorized representatives of IQY Technical College.
- The students must use computer in e-Learning & communicate with the tutors by e-mail.

### **Subjects**

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

BAE 709 Engineering Portfolio

BAE 710 Engineering Project Report

### **Assessment**

The following units are assessed by tests & assignments.

- BAE 702 Engineering Management
- BAE 703 Leadership & Human Resources Management
- BAE 704 Risk Management & Industrial Safety
- BAE 706 Engineering Report Writing

The following units assist the candidates to sit Myanmar Engineering Council Examinations & Professional Assessment.

- BAE 701 Engineering Fundamental
- BAE 705 Engineering Competency Development
- BAE 707 Engineering Ethics
- BAE 708 Engineering Knowledge

The candidates will need to submit the copy of their work experience records presented to Myanmar Engineering Council to complete the following units

- BAE 709 Engineering Portfolio
- BAE 710 Engineering Project

On successful completion of RE/RSE Examination, IQY Technical College & St Clements Technological University will issue Graduate Diploma in Engineering Practice.

On successful completion of PE Examination, IQY Technical College & St Clements Technological University will issue Master of Engineering Practice.

### **Fees**

Scholarship is awarded for study for online study but some units need the face to face attendance sessions & the fees will be advised.

### **Enrolment**

To enroll the course,

1. access the following link

[www.highlightcomputer.com/peenrolment.htm](http://www.highlightcomputer.com/peenrolment.htm)

2. then click the link to retrieve the online form

<https://www.emailmeform.com/builder/form/5hXv2MGzRirbTaukajdxE1sS1>

3. lodge the online form

Study Resources download link will be sent to your e-mail.