

Professional Diploma/ BE (Special Program) for Experienced Site Engineers

This course is designed to provide formal engineering degree qualification for experienced engineers with relevant engineering diploma by combining their engineering experience and relevant BE level higher education studies.

It has total 120 credit points in which 60 credits points is awarded for engineering diploma and the remaining points are to be assessed on work experience, training and higher education studies.

Pre-requisite

- AGTI (3 Years) with minimum 7 Years experience
- Other engineering diplomas/ certificates with non engineering degrees such as BSc/BA/BEcon /BSc(IT) etc and minimum 10 years experience
- Matured age engineers/ technicians
- Marine Engineers (MOT Second Class)

Arrangement of study

B Tech- Completion of Part 2 + 3 Stream 1 or Stream 2—for Experienced +Non Experience Engineers

B E- Completion of Part 1+2+3 Stream 1 or Stream 2-for Only Experienced Engineers

PART (1)- Entry Qualification and Experience Assessment

ENG601- Engineering Studies

AGTI Certificate / Relevant Engineering Diplomas(60 Credits)

ENG602-Engineering Applications

Work Experience Curriculum Vitae (10 Credits)

ENG603-Engineering Practicals

Engineering Practice Report or Experience Portfolio (10 Credits)

BAE705 Engineering Competency Development

Other degree OR Appropriate Self Study Record
Continuing Professional Development
(10 Credits)

PART (2)- Degree Level Studies in General Engineering and Management

Degree Level Study Part 1-Engineering Mathematics+Materials+Mechanic Seminars (4 days)

BAE401 Engineering Mathematics
BAE402 Calculus
RE010 Engineering Materials
BAE403 Engineering Mechanics (10 Credits)

Study Record

<http://www.iqytechnicalcollege.com/studyrecordmyanmar.pdf>

Degree Level Study Part 2 -Engineering Management Seminars (2 days)

BAE508 Management
BAE605 Engineering Management (10 Credits)

Study Record

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PART (3)- Degree Level Studies in Higher Engineering

Stream 1-Combined Studies

(To be supported by Live Online Lectures)

Stream 2-Discipline Studies-

(Personal Attendance or Self study Online)

Stream (1)- Combined studies-

- Professional Diploma/BE (Electrical and Renewable Energy Engineering)
- Professional Diploma/BE (Civil and Renewable Energy Engineering)
- Professional Diploma/BE (Mechanical and Renewable Energy Engineering)
Which will depend on the discipline of AGTI/ Engineering Diploma

Degree Level Study Part 3 -Engineering Subjects Seminars (4 days)

5 subjects at BE Final Level (10 Credits)

- RE505- Green Building Design (3 credits)
- RE016A-Design & Management (4 credits)

- BAE 523A Environmental Engineering (1 credit)
- RE003- Solar and Thermal Energy Systems (1 credit)
- RE004- Energy Storage Systems (1 credit)

Stream (2)- Discipline studies

- Professional Diploma/BE (Electrical)
 - Professional Diploma/BE (Civil)
 - Professional Diploma/BE (Mechanical)
- Which will depend on the discipline of AGTI/ Engineering Diploma

Degree Level Study -Engineering Subjects Seminars (4 days)

3 or 4 subjects at BE Final Level (10 Credits)

Civil

BAE621 Structural Engineering

BAE421 Building Construction Engineering

BAE623 Surveying & Traffic Engineering

Study Record

<http://www.iqytechnicalcollege.com/studyrecordmyanmar.pdf>

Mechanical

Mechanical

BAE613 Mechanical Instrumentation Process

BAE311 Plant Engineering

BAE614 Machine Design

Study Record

<http://www.iqytechnicalcollege.com/studyrecordmyanmar.pdf>

Electrical

Electrical Power

BAE 501 Advanced Power Systems& Power Transmission Networks

BAE 506 Power System Stability& Protection

RE013-Electrical Machines

Electronics

RE014-Electronics Control

BAE 604 Telecommunication Engineering

BAE 601 Computer Programming

Or other subjects by discussing with trainer Study Record