

BE (Electrical/Civil/Mechanical) Programs

Pre-requisite

Diploma in Engineering

Total 14 Units (2 to 3 years)

BE General Discipline (Total 12 units)

YEAR 2+3

1 BAE 401 Advanced Engineering Mathematics

www.iqytechnicalcollege.com/BAE401.zip

2 BAE 402 Calculus

www.iqytechnicalcollege.com/BAE402.zip

3 BAE 403 Engineering Mechanics

www.iqytechnicalcollege.com/BAE403.zip

4 BAE 404 Engineering Materials & Thermodynamics

www.iqytechnicalcollege.com/BAE404.zip

5 RE001- Foundation Studies in Renewable Energy and Sustainability

www.iqytechnicalcollege.com/RE001.pdf

ASSIGNMENT

Page 5 to 16 All questions of

www.highlightcomputer.com/BEGeneralREAssignment.pdf

6.RE003- Solar and Thermal Energy Systems

www.iqytechnicalcollege.com/RE003.zip

ASSIGNMENT

Page 18 All questions of

www.highlightcomputer.com/BEGeneralREAssignment.pdf

7.RE004- Energy Storage Systems

www.iqytechnicalcollege.com/RE004.zip

ASSIGNMENT

Page 19 to 30 All questions of

www.highlightcomputer.com/BEGeneralREAssignment.pdf

8 RE005- Renewable Energy Resource Analysis

www.iqytechnicalcollege.com/RE005.zip

ASSIGNMENT

Page 31 to 46 All questions of

www.highlightcomputer.com/BEGeneralREAssignment.pdf

9.RE006- Wind Energy Conversion Systems

www.iqytechnicalcollege.com/RE006.zip

10 RE010-Engineering Materials

www.iqytechnicalcollege.com/RE010.zip

ASSIGNMENT

Page 48 to 61 of

www.highlightcomputer.com/BEGeneralREAssignment.pdf

11 RE012a-Electrical Engineering Part 1

www.iqytechnicalcollege.com/RE012a.zip

12RE016-Design& Management

www.highlightcomputer.com/Mgt101.zip

www.highlightcomputer.com/Mgt102.zip

[Exercises Download Link](#)

www.highlightcomputer.com/DipManagementAssignment.pdf

Do only Mgt 101+102

BE (Electrical)

YEAR 3+4 (Total 12 Units)

1 [BAE 601 Computer Programming](#)

www.iqytechnicalcollege.com/BAE601.zip

2 [BAE 602 Computer Network](#)

www.iqytechnicalcollege.com/BAE602.zip

3 [BAE 603 Software Engineering](#)

www.iqytechnicalcollege.com/BAE603.zip

4 RE012b-Electrical Engineering Part 2

www.iqytechnicalcollege.com/RE012b.zip

5 RE002- Grid Connected Photovoltaic Power Systems

www.iqytechnicalcollege.com/RE002.zip

6 RE013-Electrical Machines

www.iqytechnicalcollege.com/RE013.zip

7 RE014-Electronics Control

www.iqytechnicalcollege.com/RE014.zip

8 RE015-Electrical Project/ Practice

www.iqytechnicalcollege.com/RE015.zip

9 BAE 501 Advanced Power Systems & Power Transmission Networks

www.iqytechnicalcollege.com/BAE501.zip

10 BAE 506 Power System Stability & Protection

www.iqytechnicalcollege.com/BAE506.zip

11 BAE 604 Telecommunication Engineering

www.iqytechnicalcollege.com/BAE604.zip

12.RE007- Energy System Efficiency

www.iqytechnicalcollege.com/RE007.zip

BE (Civil)

YEAR 3+4 (Total 12 Units)

1 RE011a-Civil & Mechanical Engineering Part 1

www.iqytechnicalcollege.com/RE011a.zip

2 RE011b-Civil & Mechanical Engineering Part 2a

www.iqytechnicalcollege.com/RE011b.zip

3 BAE 606 Building Service Electrical & Mechanical Engineering

www.iqytechnicalcollege.com/BAE606Wk1ACE_109.zip

www.highlightcomputer.com/BAE606Wk1ACE109HVAC.zip

www.iqytechnicalcollege.com/BAE606Wk1CE_110.zip

www.highlightcomputer.com/BAE606Wk2CE110.zip

www.iqytechnicalcollege.com/BAE606Wk2ACE_110.zip

[www.iqytechnicalcollege.com/BAE606Wk3ACE 107.zip](http://www.iqytechnicalcollege.com/BAE606Wk3ACE%20107.zip)

[www.iqytechnicalcollege.com/BAE606Wk3CE 110.zip](http://www.iqytechnicalcollege.com/BAE606Wk3CE%20110.zip)

4 BAE421 Building Construction Engineering (4 pt)

www.iqytechnicalcollege.com/BAE421BuildingConstructionEngineeringPart1.pptx

www.iqytechnicalcollege.com/BAE421BuildingConstructionEngineeringPart2.pptx

www.iqytechnicalcollege.com/BAE421BuildingConstructionEngineeringPart3.pptx

5 BAE422 Estimating (2 pt)

www.iqytechnicalcollege.com/BAE422Estimating.pptx

6 BAE423 Fluid Mechanics (2 pt)

www.iqytechnicalcollege.com/BAE423FluidMechanics.pptx

7 BAE424 Reinforced Concrete (2 pt)

www.iqytechnicalcollege.com/BAE424ReinforcedConcrete.pptx

8 BAE522 Rock Mechanics (2 pt)

www.iqytechnicalcollege.com/BAE522RockMechanics.pptx

9 BAE 523A Environmental Engineering

www.iqytechnicalcollege.com/BAE523AEnvironmentalEngineering.pptx

10 BAE621 Structural Engineering (3 pt)

www.iqytechnicalcollege.com/BAE621StructuralEngineeringDesign.pptx

www.iqytechnicalcollege.com/BAE621StructuralEngineeringFoundation.pptx

[11BAE623 Surveying & Traffic Engineering \(2 pt\)](#)

www.iqytechnicalcollege.com/BAE623AirportEngg.pptx

www.iqytechnicalcollege.com/BAE623TrafficEngg.pptx

www.iqytechnicalcollege.com/BAE623TransportEngg.pptx

[12BAE624 Water Supply , Sanitation & Finishing \(2 pt \)](#)

www.highlightcomputer.com/BAE624WaterSupplySanitationFinishing.pptx

BE (Mechanical)

YEAR 3+4 (Total 12 Units)

1 RE011a-Civil & Mechanical Engineering Part 1

www.iqytechnicalcollege.com/RE011a.zip

2 RE011b-Civil & Mechanical Engineering Part 2a

www.iqytechnicalcollege.com/RE011b.zip

3BAE 606 Building Service Electrical & Mechanical Engineering

www.iqytechnicalcollege.com/BAE606Wk1ACE_109.zip

www.highlightcomputer.com/BAE606Wk1ACE109HVAC.zip

www.iqytechnicalcollege.com/BAE606Wk1CE_110.zip

www.highlightcomputer.com/BAE606Wk2CE110.zip

www.iqytechnicalcollege.com/BAE606Wk2ACE_110.zip

www.iqytechnicalcollege.com/BAE606Wk3ACE_107.zip

www.iqytechnicalcollege.com/BAE606Wk3CE_110.zip

4 BAE311 Plant Engineering (2 pt)

www.iqytechnicalcollege.com/BAE311PlantEngineeringVibrationControl.pptx

5 BAE314 Mechanical Power Generation (2 pt)

www.iqytechnicalcollege.com/BAE314MechanicalPowerGenerationMachineControl.pptx

6 BAE315 Materials Engineering (2 pt) Part 1 Part 2

www.iqytechnicalcollege.com/BAE315MaterialsEngineering.pptx

7 BAE511 Air-conditioning & Refrigeration Part 1

www.iqytechnicalcollege.com/BAE511AirconditioningRefrigerationHeatTransfer.pptx

www.iqytechnicalcollege.com/BAE511HeatTransfer.pptx

8 BAE512 Building Service Water Supply System

www.iqytechnicalcollege.com/BAE512BuildingServiceWaterFluidSupplySystem.pdf

9 BAE613 Mechanical Instrumentation Process

www.iqytechnicalcollege.com/BAE613MechanicalInstrumentationProcess1.pptx

www.iqytechnicalcollege.com/BAE613MechanicalInstrumentationProcess.pdf

www.iqytechnicalcollege.com/BAE613MechanicalInstrumentationProcess.ppt

10 BAE614 Machine Design

www.iqytechnicalcollege.com/BAE614MachineDesign.pptx

11.RE007- Energy System Efficiency

www.iqytechnicalcollege.com/RE007.zip

12 BAE 601 Computer Programming

www.iqytechnicalcollege.com/BAE601.zip

<http://www.iqytechnicalcollege.com/Lessons.doc>

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

Certificate+Diploma Engineering (Mechanical)

www.iqytechnicalcollege.com/MECertDip.zip

<http://www.iqytechnicalcollege.com/MECertDipPart2.zip>

<http://www.iqytechnicalcollege.com/MECertDipPart3.zip>

<http://www.iqytechnicalcollege.com/MECertDipPart4.zip>

Exercises Download Link

www.highlightcomputer.com/DipMechEnggAssignments.pdf

Certificate+Diploma Engineering (Civil)

www.iqytechnicalcollege.com/CECertDip.zip

Exercises Download Link

www.highlightcomputer.com/DipCivilEnggAssignments.pdf

Certificate+Diploma Engineering (Civil)

Diploma in Civil Engineering (30 Pt) (Each 3 Ptx 9 units+ Overall assessment 3 pt)

ALL LESSONS TO BE DOWNLOADED FROM THE FOLLOWING LINK

www.iqytechnicalcollege.com/CECertDip.zip

List of units

CE 101 Mathematics

www.iqytechnicalcollege.com/CECertDip.zip

CE 102 Physics

www.iqytechnicalcollege.com/CECertDip.zip

CE 103 Basic Surveying

www.iqytechnicalcollege.com/CECertDip.zip

CE 104 Engineering Drawing

www.highlightcomputer.com/CE104.zip

CE 106A Guttering

www.iqytechnicalcollege.com/CECertDip.zip

CE 106 Brick Laying

www.iqytechnicalcollege.com/CECertDip.zip

CE 107 Sanitation-and-Water-supply

www.iqytechnicalcollege.com/CECertDip.zip

CE 108 Electrical Principle

www.mongroupsdney1.com/CE108.zip

Do EE101 Exercises Page 4 to 7 to complete CE108

www.highlightcomputer.com/DipElectEnggAssignments.pdf

CE 110 Building Construction

www.iqytechnicalcollege.com/CECertDip.zip

General Reference

Building Construction

www.mongroupsdney1.com/CE110BuildingConstruction.pdf

Sequence of study

CE 101, CE 102, CE 110,

CE 103, CE 104, CE 106, CE 107 ,CE108

Basic Civil Engineering Exercises

[Exercises Download Link](#)

www.highlightcomputer.com/DipCivilEnggAssignments.pdf

Advanced Diploma Engg (Civil) (Each 3 Pt + Overall assessment 6 Pt) (30 pt)

www.iqytechnicalcollege.com/CE-Adv Dip.zip

CE111A-Road+Bridges

CE113 Structure 1

CE114 Structure 2

CE115 Estimating & Specification

EXERCISE DOWNLOAD LINK

<http://www.mongroupsdney1.com/AdvDipCivilEnggCE111114115.zip>

OPTIONAL UNITS (Points will be added automatically on completion of the course)

CE 111 Engineering Mechanics

Engineering Mechanics

www.mongroupsdney1.com/CE111EngineeringMechanics.pdf

CE 111 Engineering Drawing

Engineering Drawing

www.mongroupsdney1.com/CE111AEnggDrawing.pdf

GeneralDrawing

www.mongroupsdney1.com/CE111AGeneralDrawing.pdf

ME 301 Applied Mathematics

Applied Mathematics

www.mongroupsdney1.com/ME301AppliedMathematics.pdf

CE 109 Energy Efficient Building Design

Energy Efficient Building Design

www.mongroupsdney1.com/CE109EnergyEfficientBuildingDesign.zip

Certificate+Diploma Engineering (Electrical)

www.iqytechnicalcollege.com/EECertDipPart1a.zip

www.iqytechnicalcollege.com/EECertDipPart1b.zip

www.iqytechnicalcollege.com/EECertDipPart2.zip

www.iqytechnicalcollege.com/EECertDipPart3.zip

[Exercises Download Link](#)

www.highlightcomputer.com/DipElectEnggAssignments.pdf

Certificate+Diploma Information Technology

Computer Programming(BAE601-ICT 103+104+204)

www.iqytechnicalcollege.com/BAE601.zip

ASSIGNMENT

www.highlightcomputer.com/DipICTAssignments.pdf

Do ICT 103 Applied Programming Assignment 1

ICT 104 Program Projects Assignment 2

Computer Network

www.iqytechnicalcollege.com/BAE602.zip

Software Engineering(BAE603-ICT 105+106)

www.iqytechnicalcollege.com/BAE603.zip

www.iqytechnicalcollege.com/ICTCertDip.zip

ASSIGNMENT

www.highlightcomputer.com/DipICTAssignments.pdf

ICT 105 Systems Analysis and Programs

ASSIGNMENT (3)

ICT101+102+107+201

www.highlightcomputer.com/Mgt107.zip

www.highlightcomputer.com/Mgt108.zip

OR

<http://www.filefactory.com/file/5v4za48ptpbt/Mgt107.zip>

[Exercises Download Link](#)

www.highlightcomputer.com/DipICTAssignments.pdf

Do ICT 107 Business Information Systems

ASSIGNMENT (6)

Advanced Diploma ICT

www.mongroupsdney1.com/ICTAdvDip.zip

www.highlightcomputer.com/ICTAdvDip.zip

ASSIGNMENT

www.highlightcomputer.com/DipICTAssignments.pdf

Do

ICT 201 Organisational Behaviour

www.mongroupsdney1.com/OBPowerPoints.zip

ASSIGNMENT (1) Page 14

ICT 202 Information Systems Principles and Networking

www.mongroupsdney1.com/BAE602ICT202203Wk1.zip

www.mongroupsdney1.com/BAE602ICT202203Wk2.zip

www.mongroupsdney1.com/BAE602ICT202203Wk3.zip

ASSIGNMENT (2) Page 15

ICT 203 Information Systems, Analysis and Design

www.mongroupsdney1.com/ICTAdvDip.zip

www.mongroupsdney1.com/ICT203_Lessons.zip

Do ICT 203 Information Systems, Analysis and Design
Assignment (3) Page 16

ICT 204 Advanced Programming

www.mongroupsydne1.com/BAE601ICT103104204Wk3LessonPart1.zip

www.mongroupsydne1.com/BAE601ICT103104204WkLessonsPart3.zip

Assignment (4) Page 18

Assignment (5) Page 19

All other resources are additional

www.iqytechnicalcollege.com/ICTCertDip.zip

Certificate+Diploma Information Technology

Computer Programming(BAE601-ICT 103+104+204)

www.iqytechnicalcollege.com/BAE601.zip

Computer Network

www.iqytechnicalcollege.com/BAE602.zip

Software Engineering(BAE603-ICT 105+106)

www.iqytechnicalcollege.com/BAE603.zip

www.iqytechnicalcollege.com/ICTCertDip.zip

ICT101+102+107+201

www.highlightcomputer.com/Mgt107.zip

www.highlightcomputer.com/Mgt108.zip

OR

<http://www.filefactory.com/file/5v4za48ptpbt/Mgt107.zip>

<http://www.filefactory.com/file/50Ind880hsmv/Mgt108.zip>

[Exercises Download Link](#)

www.highlightcomputer.com/DipICTAssignments.pdf

Certificate+Diploma Management

www.highlightcomputer.com/Mgt101.zip

www.highlightcomputer.com/Mgt102.zip

www.highlightcomputer.com/Mgt103A.zip

www.highlightcomputer.com/Mgt103B.zip

www.highlightcomputer.com/Mgt103C.zip

www.highlightcomputer.com/Mgt103D.zip

www.highlightcomputer.com/Mgt105.zip

www.highlightcomputer.com/Mgt107.zip

www.highlightcomputer.com/Mgt108.zip

[Exercises Download Link](#)

www.highlightcomputer.com/DipManagementAssignment.pdf

OR

<http://www.filefactory.com/file/6x8zktx0ooo5/DipElectEnggAssignments.pdf>

[Backup Links](#)

<http://www.filefactory.com/file/5xoniauqqdnz/Mgt101.zip>

<http://www.filefactory.com/file/7a1aw80p7h31/Mgt102.zip>

<http://www.filefactory.com/file/4fjgnh1wzud1/Mgt103A.zip>

<http://www.filefactory.com/file/2tylfjli04cv/Mgt103C.zip>

<http://www.filefactory.com/file/6iugpgiari7f/Mgt103C.zip>

<http://www.filefactory.com/file/5fsw3anra701/Mgt103D.zip>

<http://www.filefactory.com/file/7xhxyv6dd2h/Mgt105.zip>

<http://www.filefactory.com/file/5v4za48ptpbt/Mgt107.zip>

<http://www.filefactory.com/file/50Ind880hsmv/Mgt108.zip>

Advanced Diploma Engg (Electrical)

www.igytechnicalcollege.com/EEAdvDip.zip

Advanced Diploma Engg (Civil)

www.igytechnicalcollege.com/CE-Adv Dip.zip

CE111A-Road+Bridges

CE113 Structure 1

CE114 Structure 2

CE115 Estimating & Specification

DOWNLOAD LINK

<http://www.mongroupsdney1.com/AdvDipCivilEnggCE111114115.zip>

Advanced Diploma Engg (Mechanical)

www.igytechnicalcollege.com/MEAdvDip.zip

ADDITIONAL OPTIONAL UNITS

ME 303 Computer Aided Design and Manufacturing

ME 305 Corrosion Prevention

ME306 Theory of wave in materials

DOWNLOAD LINK

<http://www.mongroupsdney1.com/AdvDipMechEnggME303305306.zip>

Advanced Diploma ICT

www.highlightcomputer.com/ICTAdvDip.zip

Advanced Diploma Management

www.iqytechnicalcollege.com/MgtAdvDip.zip

&

www.iqytechnicalcollege.com/AdvDipMgt.zip

Certificate in Financial Management

www.highlightcomputer.com/Mgt106.zip

Bachelor of Management

www.iqytechnicalcollege.com/BMgt.zip

Bachelor of Applied Science

(Information Technology)

www.highlightcomputer.com/BAppScIT.zip

www.highlightcomputer.com/ICT406407.zip

Advanced Diploma of Management Back Up

www.highlightcomputer.com/AdvancedDiplomaManagementBackUpUpload.htm

Bachelor of ManagementBackUp Upload

<http://www.highlightcomputer.com/BachelorOfManagementBackUp%20Upload.htm>

Bachelor Of Management Back Up

www.highlightcomputer.com/BachelorOfManagementBackUp.htm

B App Sc IT BackUp

www.highlightcomputer.com/BAppScITBackUp.htm

WEBSITE

www.iqytechnicalcollege.com/LessonsAll.doc

www.iqytechnicalcollege.com/LessonsAll.pdf

ELECTRICAL

- (1) Certificate of Matriculation
- (2) **SIET Student Membership Application Form**
<http://www.iqytechnicalcollege.com/SIET Student Membership Application Form.pdf>
- (3) **EMBERSHIP GRADES**
<http://www.iqytechnicalcollege.com/EMBERSHIP GRADES.pdf>
- (4) **SIET-Application-form after completion of the course**
<http://www.iqytechnicalcollege.com/SIET-Application-form after completion of the course.pdf>
- (5) Instruction to Electrical Students
<http://www.iqytechnicalcollege.com/Instruction-Fiji-Elect Engg.pdf>

CIVIL

- (1) Certificate of Matriculation
- (2) **SIET Student Membership Application Form**
<http://www.iqytechnicalcollege.com/SIET Student Membership Application Form.pdf>
- (3) **EMBERSHIP GRADES**
<http://www.iqytechnicalcollege.com/EMBERSHIP GRADES.pdf>
- (4) **SIET-Application-form after completion of the course**
<http://www.iqytechnicalcollege.com/SIET-Application-form after completion of the course.pdf>

(5) **Instruction to Civil Students**

<http://www.iqytechnicalcollege.com/Instruction Fiji-Civil Engg.pdf>

MECHANICAL

(1) Certificate of Matriculation

(2) **SIET Student Membership Application Form**

<http://www.iqytechnicalcollege.com/SIET Student Membership Application Form.pdf>

(3) **EMBERSHIP GRADES**

<http://www.iqytechnicalcollege.com/EMBERSHIP GRADES.pdf>

(4) **SIET-Application-form after completion of the course**

<http://www.iqytechnicalcollege.com/SIET-Application-form after completion of the course.pdf>

(5) Instruction to Mechanical students

<http://www.iqytechnicalcollege.com/Instruction-Fiji-MechEngg.pdf>