

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

6.RE003- Solar and Thermal Energy Systems

www.iqytechnicalcollege.com/RE003.zip

7.RE004- Energy Storage Systems

www.iqytechnicalcollege.com/RE004.zip

8 RE005- Renewable Energy Resource Analysis

www.iqytechnicalcollege.com/RE005.zip

9.RE006- Wind Energy Conversion Systems

www.iqytechnicalcollege.com/RE006.zip

10 RE010-Engineering Materials

www.iqytechnicalcollege.com/RE010.zip

11 RE012a-Electrical Engineering Part 1

www.iqytechnicalcollege.com/RE012a.zip

12RE016-Design & Management

www.iqytechnicalcollege.com/RE016.zip

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.iqytechnicalcollege.com/BAE606Wk1ACE109HVAC.zip

www.iqytechnicalcollege.com/BAE606Wk1CE 110.zip

www.iqytechnicalcollege.com/BAE606Wk2CE110.zip

www.iqytechnicalcollege.com/BAE606Wk2ACE 110.zip

www.iqytechnicalcollege.com/BAE606Wk3ACE 107.zip

www.iqytechnicalcollege.com/BAE606Wk3CE 110.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

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

www.iqytechnicalcollege.com/BAE623AirportEngg.pptx

www.iqytechnicalcollege.com/BAE623TrafficEngg.pptx

www.iqytechnicalcollege.com/BAE623TransportEngg.pptx

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

www.iqytechnicalcollege.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.iqytechnicalcollege.com/BAE606Wk1ACE109HVAC.zip

www.iqytechnicalcollege.com/BAE606Wk1CE 110.zip

www.iqytechnicalcollege.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/BAE311PlantEngineeringVibration Control.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