

Advanced Diploma in Electrical Technology

Advanced Diploma in Electrical Engineering

Diploma in Electrical Engineering

courses study plan.

Study the following units before you study any electrical units

NOTE- The resources belong to the topics can be downloaded from the URL in the same colour area.

Electrician Licensing Requirements.zip

Stage 1 Part 3.zip

http://www.filefactory.com/file/c0cb8f5/n/Stage_1_Part_3.zip

SubstationEntry.zip

Stage 1 Part 5.zip

http://www.filefactory.com/file/c0cb9b3/n/Stage_1_Part_5.zip

Construction ElectricalSafety.zip

Stage 1 Part 1.zip

http://www.filefactory.com/file/c0cb8ab/n/Stage_1_Part_1.zip

InserviceTesting.zip

Stage 1 Part 4.zip

http://www.filefactory.com/file/c0cc1cd/n/Stage_1_Part_4.zip

STAGE 1

Electrical Workshop

UEENEEE101A+E102A+E104A
+E105A+E107A+E108A+E137A

Electrical Workshop UEENEEE001B+E002B

+E003B+E004B+E005B+E007B+E008B+E033B+E038B

UEENEEE001		Apply OHS practices in the work place
UEENEEE002		Dismantle, assemble and fabricate electrotechnology components
UEENEEE005		Fix and secure equipment
UEENEEE007		Use drawings, diagrams, schedules and manuals

UEENEEE008		Lay wiring/cabling and terminate accessories for extra-low voltage circuits
UEENEEE033		Document occupational hazards and risks in electrical work

NOTES

UEENEEE002+UEENEEE005+UEENEEE008+UEENEEE033

Wiring_Notes_1.

Wiring_Notes_2

Switchboard_Wiring

1Wiring_E033_E008

2Wiring_E033_E008

Fixing Equipments

E002_E005.zip

[Stage 1 Part 1.zip](#)

http://www.filefactory.com/file/c0cb8ab/n/Stage_1_Part_1.zip

[Stage 4 Part 11.zip](#)

http://www.filefactory.com/file/c0cc540/n/Stage_4_Part_11.zip

UEENEEE001

OHSWorkbook.zip

[Stage 1 Part 5.zip](#)

http://www.filefactory.com/file/c0cb9b3/n/Stage_1_Part_5.zip

UEENEEE033

Electrical_safe_working.zip

Stage 1 Part 3.zip

http://www.filefactory.com/file/c0cb8f5/n/Stage_1_Part_3.zip

[Stage 2 Part 1B.zip](#)

http://www.filefactory.com/file/c0ccac0/n/Stage_2_Part_1B.zip

NREL_Disconnect_Reconnect.zip

Stage 1 Part 5.zip

http://www.filefactory.com/file/c0cb9b3/n/Stage_1_Part_5.zip

UEENEEE003+UEENEEE004

DC_Circuit_E003_E004.zip

UEENEEE007

ElectricalDrawing1.zip

ElectricalDrawing2.zip

ElectricalDrawing3.pdf

GeneralDrawing1.zip

GeneralDrawing2.zip

Stage 1 Part 3.zip

http://www.filefactory.com/file/c0cb8f5/n/Stage_1_Part_3.zip

Stage 1 Part 4.zip

http://www.filefactory.com/file/c0cc1cd/n/Stage_1_Part_4.zip

Assessment

Only face to face class assessment will be available

Stage_1_Electrical_workshop_practicals.pdf

Stage 4 Part 22.zip

http://www.filefactory.com/file/c0cc83e/n/Stage_4_Part_22.zip

Wiring_Equipments_to_purchase

Tutorial review questions and answers

Electrical_trade_review_questions_and_answers.zip

Stage 1 Part 5.zip

http://www.filefactory.com/file/c0cb9b3/n/Stage_1_Part_5.zip

Stage 2 Part 1B.zip

http://www.filefactory.com/file/c0ccac0/n/Stage_2_Part_1B.zip

H002

UEENEEH002B	Carry out basic repairs to electronic apparatus by replacement of components
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H002.zip

Stage 1 Part 4.zip

http://www.filefactory.com/file/c0cc1cd/n/Stage_1_Part_4.zip

Assessment

Theory test

Submission of soldering projects

UEENEE126A Part 1
UEENEE126A Part 2

UEENEE050B
UEENEEG047B

E050+7759P

UEENEE050		Undertake computations in an electrotechnology environment
7759P	EA001	Calculus
7759Q	EA002	Engineering maths A
7759R	EA003	Engineering maths B

E050MathsCal1

E050MathsCal2

E050Maths3

E050Maths4

E050MathsCalTextBook

Assessment

E050_Tutorial.zip

Stage 1 Part 2.zip

http://www.filefactory.com/file/c0cb8c7/n/Stage_1_Part_2.zip

UEENEEG101A+G102A

UEENEEG001B+UEENEEG002B

G001+G002

UEENEEG001		Solve problems in electromagnetic circuits
UEENEEG002		Solve problems in single and three phase low voltage circuits
7793A	NE160	Electrical principles 1
7793B	NE161	Electrical principles 2

G001_Part_1

G001_Part_2

G002

Assessment- In class assessment

Stage 1 Part 4.zip

http://www.filefactory.com/file/c0cc1cd/n/Stage_1_Part_4.zip

E104

E003+E004

E003+E004+E046

E003+E004 units contents are integrated into
E001+E002+E007+E008+E005+E033+C002+C003 group

E003+E004

DC_Circuit_E003_E004.zip

Additional 1.zip

http://www.filefactory.com/file/c0cc0f7/n/Additional_1.zip

E046 is integrated into Power + Machine units

Electrical Principle (2)

STAGE (2)

AA AB AD AE AF AG AH M 4269 power Modules Learning Support Web Site

**UEENEEG076A+G127A+G128A+G177A+
G130A(Part 1)
+UETTDNIS68A+DRIS74A+ G063A (Part 2)**

UEENEEG015B

G015+7762AA+7762AE+7762AG

UEENEEG015		Find and rectify faults in energy supply network equipment
7762AA	EA153	Electrical distribution 1
7762AE	EB112	Power system protection
7762AG	EB114	Power systems operation

G015_G037_G038_G030Pt1_7762AG_Notes

G015_G042_G037_G038_G039_Part_2_Notes

Tutorial_answers_for_G015_G047_G049_G043_G045_G040_G042

[Stage 2 Part 2B.zip](#)

http://www.filefactory.com/file/c0cca95/n/Stage_2_Part_2B.zip

Stage 4 Part 14.zip

http://www.filefactory.com/file/c0cc684/n/Stage_4_Part_14.zip

Electrical Distribution Typed Notes

AA_Typed_Note_1.doc AA_Typed_Note_2.doc AA_Typed_Notes_3-.doc
7762AA_Typed_Note_4.doc

AA_Typed_note_5.doc AA_Typed_note_6.doc AA_typed_note_7.doc AA_typed_note_8.doc

7762AA_Module_Book

[Stage 2 Part 1A.zip](#)

http://www.filefactory.com/file/c0cb96f/n/Stage_2_Part_1A.zip

Assessment

Both face to face & flexible assessment will be available. For 7762AA (G015 Part 1) do the tasks under AA.

AA_AB_AD_AE_AF_AG_AH_4269T_Tutorials

G108

G008

UEENEEG008B		Find and repair faults in electrical apparatus and circuits
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Lighting.zip

[Stage 2 Part 1A.zip](#)

http://www.filefactory.com/file/c0cb96f/n/Stage_2_Part_1A.zip

E_trade_1.zip

E_trade_2.zip

E_trade_3.zip

E_trade_4.zip

[Stage 2 Part 1B.zip](#)

http://www.filefactory.com/file/c0ccac0/n/Stage_2_Part_1B.zip

G108

G008

G008_General_Notes_1.zip

G008_General_Notes_2.zip

[Stage 2 Part 2A.zip](#)

http://www.filefactory.com/file/c0cca4a/n/Stage_2_Part_2A.zip

[Stage 4 Part 7.zip](#)

http://www.filefactory.com/file/c0cc479/n/Stage_4_Part_7.zip

Hazard_Identification.zip

(Download from [www.electricaldiploma2013.zoomshare.com/Additional For 17908+17794 Folder](http://www.electricaldiploma2013.zoomshare.com/Additional%20For%2017908+17794))

[Assessment](#)

Read the above notes files and do the assignments for the following tutorial file.

G008_Tutorials.zip

Stage 2 Part 1B.zip

http://www.filefactory.com/file/c0ccac0/n/Stage_2_Part_1B.zip

Stage 2 Part 2B.zip

http://www.filefactory.com/file/c0cca95/n/Stage_2_Part_2B.zip

UEENEEG076A+G127A+G128A+G177A+
G130A(Part 1)
+UETTDNIS68A+DRIS74A+ G063A (Part 2)

UEENEEG015B

G046+7762AE

UEENEEG046		Develop engineering solutions for energy supply system protection problems
7762AE	EB112	Power system protection

G046_7762AE_Notes

Stage 2 Part 2B.zip

http://www.filefactory.com/file/c0cca95/n/Stage_2_Part_2B.zip

Assessment-Test + Assignment for flexible study students

New-AA_AB_AD_AE_AF_AG_AH_4269T_Tutorials

UETTDNIS71A

UEENEEG042B

G047+7762AH+4269T

UEENEEG047		Provide computational solutions to power engineering problems
7762AH	EA157	Power systems fundamentals
4269T	EB164	Transmission lines 1

G047_4269T_7762AH.zip

Assessment-Test + Assignment for flexible study students

Stage 2 Part 3.zip

http://www.filefactory.com/file/c0ccb1f/n/Stage_2_Part_3.zip

New-AA_AB_AD_AE_AF_AG_AH_4269T_Tutorials

Stage 2 Part 4.zip

http://www.filefactory.com/file/c0ccb53/n/Stage_2_Part_4.zip

UEENEEE125A (Part 1)

UEENEEE025B

UEENEEE125A (Part 2)

UEENEEG048B

G048+7769AC

UEENEEG048		Solve problems in complex multiple path power circuits
7769AC	EB162	Circuit analysis 1

G048_7769AC

Assessment-Test + Assignment for flexible study students

G048_Tutorials.zip

Notes for assignment/ tutorials

G048_Full_Part_1.zip

G048Part2.zip

Stage 2 Part 3.zip

http://www.filefactory.com/file/c0ccb1f/n/Stage_2_Part_3.zip

UEENEEG149A

UEENEEG049B

G049+7762AB+7761M

UEENEEG049		Solve problems in complex polyphase power circuits
7762AB	EA155	Fault calculations

G049_7762AB_7761M_Notes

Assessment-Test + Assignment for flexible study students

G049_7762ABTutorial

Stage 2 Part 3.zip

http://www.filefactory.com/file/c0ccb1f/n/Stage_2_Part_3.zip

Tutorial_answers_for_G015_G047_G049_G043_G045_G040_G042

Stage 2 Part 6.zip

http://www.filefactory.com/file/c0cccc0/n/Stage_2_Part_6.zip

UEENEEK125A

UEENEEK025B+UEENEEK025C

K025+4291K

UEENEEK025		Solve basic problems in photovoltaic energy apparatus
4291K	NUER01	Intro to renewable energy technologies

K025_Note_1

K025_Note_2

[Stage 2 Part 4.zip](#)

http://www.filefactory.com/file/c0ccb53/n/Stage_2_Part_4.zip

K025 Resources

ELV_Accessories_-_SPS_Components

ELV_Cable_termination

[Stage 2 Part 2A.zip](#)

http://www.filefactory.com/file/c0cca4a/n/Stage_2_Part_2A.zip

PV_System_installation_Overview_-_PV_Power_Systems

SPS_Components

PVSoftware

[Stage 2 Part 5.zip](#)

http://www.filefactory.com/file/c0cc187/n/Stage_2_Part_5.zip

System_Installation_Examples_-_NUER02_version

[Stage 2 Part 6.zip](#)

http://www.filefactory.com/file/c0cccc0/n/Stage_2_Part_6.zip

Assessment-Test + Assignment for flexible study students

K025_Tutorials.zip

UEENEEG107A	UEENEEG007B
UEENEEG007B	Select and arrange equipment for general electrical installations

The students need to purchase AS 3000 Electrical Wiring Rules latest edition & AS 3008 Cable selection to do the assignments.

AS3000 Wiring Rules Overview

AS3000-2007Overview.zip

AS3000_AS3008TablesExtract.zip

[Stage 2 Part 1A.zip](#)

http://www.filefactory.com/file/c0cb96f/n/Stage_2_Part_1A.zip

WiringRules.zip

Part (1) Study the following notes

Installation_Requirement_1-A.zip

Installation_Requirement_1-B.zip

Installation_Requirement_2-A.zip

Installation_Requirement_2-B.zip

[Stage 2 Part 3.zip](#)

http://www.filefactory.com/file/c0ccb1f/n/Stage_2_Part_3.zip

Stage_2_Wiring.zip

(Download from [www.electricaldiploma2013.zoomshare.com/Additional For 17908+17794 Folder](http://www.electricaldiploma2013.zoomshare.com/Additional%20For%2017908%2017794))

Do the assignments from the following book & submit the assignment (1)

Cable_Installation.zip

[Stage 2 Part 1B.zip](#)

http://www.filefactory.com/file/c0ccac0/n/Stage_2_Part_1B.zip

Assignment: At the end of each chapter, there are review questions & exercises. You need to do all exercises & submit them as assignment

Part (2) Study the following notes

Protection_1.zip

Protection_2.zip

[Stage 2 Part 5.zip](#)

http://www.filefactory.com/file/c0cc187/n/Stage_2_Part_5.zip

System_safety_1.zip

System_safety_2.zip

[Stage 2 Part 6.zip](#)

http://www.filefactory.com/file/c0cccc0/n/Stage_2_Part_6.zip

Do the assignments from the following book & submit the assignment (2)

Regulatory_Requirement.zip

Assignment: At the end of each chapter, there are review questions & exercises. You need to do all exercises & submit them as assignment

Tutorial review questions and answers

Electrical_trade_review_questions_and_answers.zip

Other References

Stage_1_Wiring_Practical.zip

[Stage 2 Part 6.zip](#)

http://www.filefactory.com/file/c0cccc0/n/Stage_2_Part_6.zip

Electrical_safe_working.zip

STAGE (3)

UEENEEK151A

UEENEEK041B+UEENEEE047B

K041+E047+7768T

UEENEEK041		Develop strategies for effective energy reduction in buildings
UEENEEE047		Identify building techniques, methods and materials used in electrotechnology work activities
7768T	EB151	Air conditioning system design

K041_Building_Design_1

K041_Building_Design_2

Stage 2 Part 4.zip

http://www.filefactory.com/file/c0ccb53/n/Stage_2_Part_4.zip

Stage 3 Part 7.zip

http://www.filefactory.com/file/c0ccfc7/n/Stage_3_Part_7.zip

K041Airconditioning

K041Energy_Management_Textbook

Stage 3 Part 7.zip

http://www.filefactory.com/file/c0ccfc7/n/Stage_3_Part_7.zip

E047Mech

K041 Text book

http://www.filefactory.com/file/2kwcxkrnasyf/n/K041Textbook3_zip

http://www.filefactory.com/file/4lsx0pk00guj/n/K041Textbook2_zip

http://www.filefactory.com/file/61dmv976e7tl/n/K041Textbook1_zip

Assessment-Test + Assignment for flexible study students

UEENEEK041B_E047B_Tutorials

Stage 3 Part 8.zip

http://www.filefactory.com/file/c0ccf09/n/Stage_3_Part_8.zip

Energy_survey_assignment

UEENEEK151A

UEENEEK041B+UEENEEE047B

E025+4269S

UEENEEE025		Solve problems in complex multiple path circuits
4269S	EB163	Circuit analysis 2

E025_Circuits_1

E025_Circuits_2

Assessment-Test + Assignment for flexible study students

Stage 3 Part 2.zip

http://www.filefactory.com/file/c0ccdbc/n/Stage_3_Part_2.zip

E025_Tutorial

Stage 2 Part 2A.zip

http://www.filefactory.com/file/c0cca4a/n/Stage_2_Part_2A.zip

UETTDRIS73A+UEENEEG006A (Part 1)

UEENEEG040B

G040+7762AD

UEENEEG040		Develop engineering solutions for energy supply power transformer problems
7762AD	EB113	Power transformers

G040_7762AD_Notes

Assessment-Test + Assignment for flexible study students

Stage 3 Part 6.zip

http://www.filefactory.com/file/c0cce63/n/Stage_3_Part_6.zip

New-AA_AB_AD_AE_AF_AG_AH_4269T_Tutorials

Tutorial_answers_for_G015_G047_G049_G043_G045_G040_G042

Stage 2 Part 6.zip

http://www.filefactory.com/file/c0cccc0/n/Stage_2_Part_6.zip

UEENEEE127A

UEENEEE026B

E026

UEENEEE026		Provide computational solutions to basic engineering problems
6032H	EB916	Control/electrical calculations 3

E026_Maths_1

E026_6032H_1

E026_6032H

Assessment-Test + Assignment for flexible study students

E026_Tutorial_questions.zip

Stage 3 Part 2.zip

http://www.filefactory.com/file/c0ccdbc/n/Stage_3_Part_2.zip

UEENEEI124A (Part 1)

UEENEEH011B

UEENEEI124A (Part 2)

UEENEEH045B

H045+7761A

UEENEEH045		Develop solutions to analogue electronic problems
7761A	EA100	Analogue electronics 1

Analog1

Analog2

Assessment-Test + Assignment for flexible study students

Stage 3 Part 2.zip

http://www.filefactory.com/file/c0ccdbc/n/Stage_3_Part_2.zip

Electronics_H045_Tutorials

Stage 3 Part 4.zip

http://www.filefactory.com/file/c0ccd9a/n/Stage_3_Part_4.zip

(UEENEEG160A+G161A) Part 1

UEENEEE029B

E029

UEENEEE029		Solve electrotechnical problems
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E029_Motor_Control_1

E029_Motor_Control_2

E047Mech

Assessment-Test + Assignment for flexible study students

E029Tutorial

Stage 3 Part 3.zip

http://www.filefactory.com/file/c0ccd44/n/Stage_3_Part_3.zip

UEENEEI148A+I129A (Part 1)

UEENEEH025B

H025

UEENEEH025		Provide solutions to single phase electronic power control problems
8273Z	NE064	Variable speed drives

H025_Operational_Amplifier

Assessment-Test + Assignment for flexible study students

Electronics_H025_Tutorials

UEENEEI149A+H129A (Part 1)

UEENEEH026B

H026

UEENEEH026		Provide solutions to polyphase electronic power control problems
8273Z	NE064	Variable speed drives

H026_3_Ph_Power_Control_Electronics_1

H026_3_Ph_Power_Control_Electronics_2

H026_3_Ph_Power_Control_Electronics_3

H026_3_Ph_Power_Control_Electronics_4

Assessment-Test + Assignment for flexible study students

[Stage 3 Part 6.zip](#)

http://www.filefactory.com/file/c0cce63/n/Stage_3_Part_6.zip

UEENEEH026_Tutorials.doc

[Stage 3 Part 8.zip](#)

http://www.filefactory.com/file/c0ccf09/n/Stage_3_Part_8.zip

UEENEEG103A+G104A

UEENEEG003B+UEENEEG004B+UEENEEG007B
Part 2

UEENEEG003B		Install wiring and accessories for low voltage circuits
UEENEEG004B		Install low voltage electrical apparatus and associated equipment

G003_G004_Wiring_2_Part_1.zip

G003_G004_Wiring_2_Part_2.zip

[Stage 3 Part 5.zip](#)

http://www.filefactory.com/file/c0ccefd/n/Stage_3_Part_5.zip

[Stage 4 Part 9.zip](#)

http://www.filefactory.com/file/c0cc5db/n/Stage_4_Part_9.zip

[Stage 4 Part 10.zip](#)

http://www.filefactory.com/file/c0cc5f8/n/Stage_4_Part_10.zip

Cable_CktProt_E_Accessories.zip

Cable_Conduit_E_Accessories.zip

Stage 3 Part 1B.zip

http://www.filefactory.com/file/c0ccc42/n/Stage_3_Part_1B.zip

Stage 4 Part 8.zip

http://www.filefactory.com/file/c0cc5a1/n/Stage_4_Part_8.zip

Elect_Installation_Protection_Method_Devices.zip

Stage 3 Part 3.zip

http://www.filefactory.com/file/c0ccd44/n/Stage_3_Part_3.zip

Stage 4 Part 8.zip

http://www.filefactory.com/file/c0cc5a1/n/Stage_4_Part_8.zip

Elect_Installation_Requirement_1.zip

Elect_Installation_Requirement_2.zip

Stage 2 Part 3.zip

http://www.filefactory.com/file/c0ccb11/n/Stage_2_Part_3.zip

Stage 3 Part 3.zip

http://www.filefactory.com/file/c0ccd44/n/Stage_3_Part_3.zip

ElectricInstallationDesign.zip

Stage 3 Part 4.zip

http://www.filefactory.com/file/c0ccd9a/n/Stage_3_Part_4.zip

ElectSystSafety1.zip

ElectSystSafety2.zip

FireProtHeatingTestingEarthing.zip

Stage 3 Part 5.zip

http://www.filefactory.com/file/c0ccefd/n/Stage_3_Part_5.zip

GeneralWiring.zip

Stage 3 Part 6.zip

http://www.filefactory.com/file/c0cce63/n/Stage_3_Part_6.zip

HazardLightingPanel.zip

[Stage 3 Part 7.zip](#)

http://www.filefactory.com/file/c0ccfc7/n/Stage_3_Part_7.zip

PanelRCDWireSpecial_Installation.zip

ProtectionMethods.zip

[Stage 3 Part 8.zip](#)

http://www.filefactory.com/file/c0ccf09/n/Stage_3_Part_8.zip

Assessment

Read the above notes files and do the assignments for the following tutorial file.

WiringPracticals.zip

[Stage 3 Part 9.zip](#)

http://www.filefactory.com/file/c0ccf48/n/Stage_3_Part_9.zip

G003G004Tutorial.zip

[Stage 3 Part 5.zip](#)

http://www.filefactory.com/file/c0ccefd/n/Stage_3_Part_5.zip

PRACTICAL

Workshop 2+3

WorkShop_Part_2_Practical_1_to_6_.zip

WorkShop_Part_2_Practical_7_to_12_.zip

WorkShop_Part_2_Practical_13_to_17_.zip

WorkShop_Part_2_Practical_18_to_21_.zip

ElectricalWorkshopPart3_G008_Group1Machine_.zip

ElectricalWorkshopPart3_G008_Group2LineProtection_.zip

ElectricalWorkshopPart3_G008_Group3InstrumentsDevices_.zip

[Stage 3 Part 4.zip](#)

http://www.filefactory.com/file/c0ccd9a/n/Stage_3_Part_4.zip

[Stage 3 Part 9.zip](#)

http://www.filefactory.com/file/c0ccf48/n/Stage_3_Part_9.zip

OTHER PRACTICALS

ELECTRICAL_WORKSHOP_PART_2_G003_G004_G009_.zip

[Stage 3 Part 4.zip](#)

http://www.filefactory.com/file/c0ccd9a/n/Stage_3_Part_4.zip

Electrical_Workshop_Part_2_Practical_1_to_18.zip

Electrical_Workshop_Part_2_Practical_19_to_21.zip

[Stage 3 Part 9.zip](#)

http://www.filefactory.com/file/c0ccf48/n/Stage_3_Part_9.zip

G003_G004_G009Practicals.pdf

G005

UEENEEG005B	Verify compliance and functionality of general electrical installations
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G005.zip

[Stage 3 Part 5.zip](#)

http://www.filefactory.com/file/c0ccefd/n/Stage_3_Part_5.zip

[Stage 4 Part 14.zip](#)

http://www.filefactory.com/file/c0cc684/n/Stage_4_Part_14.zip

Power Distribution Trade

Power_Distribution_Trade.zip

[Stage 3 Part 8.zip](#)

http://www.filefactory.com/file/c0ccf09/n/Stage_3_Part_8.zip

Metering

Metering.zip

[Stage 3 Part 7.zip](#)

http://www.filefactory.com/file/c0ccfc7/n/Stage_3_Part_7.zip

UEENEED016B		Develop network services
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D016 Study Guide

D016StudyGuide.zip

D016TheoryNotes_2.4.30-Network_infrastructure_.zip

D016TheoryNotes_2.4.31Directory_services_Part_1_.zip

D016TheoryNotes_2.4.31DirectoryServicesPart2_.zip

ADDITIONAL NOTES

D016TheoryNotesPart1.zip

D016TheoryNotesPart2.zip

[Stage 3 Part 1B.zip](#)

http://www.filefactory.com/file/c0ccc42/n/Stage_3_Part_1B.zip

Network_Practicals.zip

UEENEED010B		Set up and create content for a web server
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D10 Web Design Notes

Lesson_1_Setting_up_adding_the_contents.zip

Lesson_2_CSS.zip

Lesson_3_Multimedia.zip

Lesson_4_Animation2-3DGraphics.zip

Lesson_5_More_detailed_design.zip

Lesson_6_Multiple_Pages_Set_up_Site_Upload.zip

Lesson_7_Frame_Layer.zip

Lesson_8_Flash_Firework-Graphics_Movie.zip

D10NoteDataBase.zip

D010Web_ServerScripting_Programming.zip

RESOURCES

Photos.zip

Audio.zip

Digital_Images_Collection.zip

Dreamweaver_notes.zip

Example_Web_Pages.zip

HTML_Manual.zip

D018

(Download from [www.electricaldiploma2013.zoomshare.com/Additional For 17908+17794 Folder](http://www.electricaldiploma2013.zoomshare.com/Additional_For_17908+17794_Folder))

UEENEED018B	Design and implement Internetworking systems
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Computer networking (D018)

Computer_and_Networks.zip

[Stage 4 Part 13.zip](#)

http://www.filefactory.com/file/c0cc6c1/n/Stage_4_Part_13.zip

Embedded system, Embedded C, Embedded design, Object Oriented Programming, Object Oriented Design, Data Acquisition

Computer_and_Network_2.zip

Computer_and_Networks_3.zip

Embedded system, Embedded C, Embedded design, Object Oriented Programming, Object Oriented Design, Data Acquisition

Computer_and_Network_2.zip

Computer_and_Networks_3.zip

UEENEED021B		Design and implement Internetworking systems multi-layer switching
-------------	--	--

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D021.zip

UEENEED022B		Design and implement Internetworking systems security
-------------	--	---

D022.zip

STAGE 4

UEENEEG143A+G145A+I145A+G006A (Part 2) | UEENEEG043B+UEENEEG045B

G043+G045 +7762AF

UEENEEG043B		Develop engineering solution for synchronous machine problems
UEENEEG045B		Develop engineering solutions for induction motor problems
7762AF	EB110	Advanced AC machines

G043_G045_7762AF_Notes
G043_G045_Part_1_7762AF_Notes
[Stage 4 Part 15.zip](#)
http://www.filefactory.com/file/c0cc7cb/n/Stage_4_Part_15.zip

Assessment-Test + Assignment for flexible study students

G015_G046_G040_G043_G045_G042Tutorials

Tutorial_answers_for_G015_G047_G049_G043_G045_G040_G042

G109		G009
UEENEEG008B		Find and repair faults in electrical apparatus and circuits
UEENEEG009B		Develop and connect control circuits

G009.zip

[Stage 4 Part 14.zip](#)

http://www.filefactory.com/file/c0cc684/n/Stage_4_Part_14.zip

A010

UEENEEA010B	Assemble, mount and connect switchgear and controlgear
-------------	--

Switch Gear

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Elect_Installation_Protection_Method_Devices.zip

ElectSystSafety1.zip

ElectSystSafety2.zip

7762AH Power System Fundamental

(Download from [www.electricaldiploma2013.zoomshare.com/Additional For 17908+17794 Folder](http://www.electricaldiploma2013.zoomshare.com/Additional%20For%2017908+17794%20Folder))

AH_Day_1.zip AH_Day_2_3.zip AH_Day_4.zip AH_Day_5.zip
AH_Day_6_7_8.zip

www.electricaldiploma2013.zoomshare.com

Advanced Diploma of Electricity Supply Industry

ESI_27.4Circuit_Breaker_1.zip

ESI_27.5_Circuit_Breaker_2.zip

ESI_7_Switching_system_design_consideration.zip

ESI_8.2_Site_Insulation_Surge_Protection.zip

Electrical Machines

G043_G045_7762AF_Notes

G043_G045_Part_1_7762AF_Notes

G009.zip

Stage 4 Part 15.zip

http://www.filefactory.com/file/c0cc7cb/n/Stage_4_Part_15.zip

Switch Board Wiring

Stage 4 Part 22.zip

http://www.filefactory.com/file/c0cc83e/n/Stage_4_Part_22.zip

G010

UEENEEG010B	Find and repair faults in d.c. electrical apparatus and circuits
--------------------	---

+

UEENEEG144A+I146A+ (UEENEEG160A+G161A) Part 2
--

UEENEEG044B

G044+7762AC

UEENEEG044B		Develop engineering solutions for d.c. machine problems
7762AC	EA108	Advanced DC machines

G044_7762AC1

G044_7762AC2

Assessment-Test + Assignment for flexible study students

G044_Tutorial

Tutorial_answers_for_G015_G047_G049_G043_G045_G040_G042

Stage 4 Part 15.zip

http://www.filefactory.com/file/c0cc7cb/n/Stage_4_Part_15.zip

UEENEEK135A

UEENEEK035C

K035

UEENEEK035C		Design grid connected power supply systems
-------------	--	--

K035Inverter

K035PV_Inverter

Stage 4 Part 17.zip

http://www.filefactory.com/file/c0cc76b/n/Stage_4_Part_17.zip

Assessment

K035_Tutorials.zip

Stage 4 Part 16.zip

http://www.filefactory.com/file/c0cc703/n/Stage_4_Part_16.zip

UETTDRI571A

UEENEEG042B

G042+4269T+7762AH

UEENEEG042B		Diagnose and rectify faults in electrical energy supply transmission systems
7762AH	EA157	Power systems fundamentals
4269T	EB164	Transmission lines 1

G042_Part_3_Notes

Stage 4 Part 15.zip

http://www.filefactory.com/file/c0cc7cb/n/Stage_4_Part_15.zip

G037_G038_G030Pt1_7762AG_Notes

G015_G042_G037_G038_G039_Part_2_Notes

G015_G037_G038_G030Pt1_7762AG_Notes

Assessment-Test + Assignment for flexible study students

G015_G046_G040_G043_G045_G042Tutorials

Tutorial_answers_for_G015_G047_G049_G043_G045_G040_G042

UEENEEE071B

UEENEEE071B

E071+MEM09004

UEENEEE071B		Write specifications for electrical engineering projects
MEM09004B		Perform electrical/electronic detail drafting

(1) Class Teaching Notes +Flexible study Notes References for Electrical Contracting& Estimating

Est

Estimating1

Estimating2

Estimating3

(2A) Class Teaching Notes References for Specifications

Week 1-Overview of NSW Electrical Service Rules

E071DesiE071HVOverheadConductors_Wk2-3_.zip

E071LVOverheadConductor_Wk4-5_.zip

Stage 4 Part 7.zip

http://www.filefactory.com/file/c0cc479/n/Stage_4_Part_7.zip

Stage 4 Part 14.zip

http://www.filefactory.com/file/c0cc684/n/Stage_4_Part_14.zip

E071Hazard_Identification_Wk6_.zip

Stage 2 Part 3.zip

http://www.filefactory.com/file/c0ccb1f/n/Stage_2_Part_3.zip

(Download from [www.electricaldiploma2013.zoomshare.com/Additional For 17908+17794](http://www.electricaldiploma2013.zoomshare.com/Additional%20For%2017908+17794) Folder)

E071General_Wiring_Wk7-8_.zip

E071UGCableSpecification_Wk9-10-11_.zip

E071TelecomDatacom_Wk12_.zip

E071Switching_Wk13_.zip

E071DesignStdOHDevelopment_Wk14-16_.zip

(2B) Flexible study Notes References for Specifications

Service_Rule_1

Service_Rule_2

Service_Rule_3

Stage 4 Part 7.zip

http://www.filefactory.com/file/c0cc479/n/Stage_4_Part_7.zip

Stage 4 Part 21.zip

http://www.filefactory.com/file/c0cc8f7/n/Stage_4_Part_21.zip

6-ElectricalDrawing

12-Specifications

13-BSpecifications

14-Specifications

Stage 4 Part 12.zip

http://www.filefactory.com/file/c0cc566/n/Stage_4_Part_12.zip

Propose_strategies_to_identify_client_needs_1.pdf

1WiringInstallationDrawing

7MachineDriveSystems

8PowerElectronicsDevices

Stage 4 Part 11.zip

http://www.filefactory.com/file/c0cc540/n/Stage_4_Part_11.zip

AutoCAD_2D_3D_Lessons

Stage 4 Part 1A.zip

http://www.filefactory.com/file/c0cc226/n/Stage_4_Part_1A.zip

Stage 4 Part 12.zip

http://www.filefactory.com/file/c0cc566/n/Stage_4_Part_12.zip

Symbol A

Symbol B

Symbol C

Symbol D

Symbol E

Symbol F

Symbol G

Stage 4 Part 22.zip

http://www.filefactory.com/file/c0cc83e/n/Stage_4_Part_22.zip

Assessment-In class assessment

E071_MEM09004_Tutorial

E071_MEM09004_Tutorial_Mod.zip

Stage 4 Part 14.zip

http://www.filefactory.com/file/c0cc684/n/Stage_4_Part_14.zip

Propose_strategies_to_identify_client_needs_1.pdf

Stage 4 Part 20.zip

http://www.filefactory.com/file/c0cc9b4/n/Stage_4_Part_20.zip

MEM09004-Electronics Drawing

Electronics_Drawing.zip

UEENECC002B		Source and purchase material/parts for installation or service jobs
UEENECC003B		Provide quotations for installation or service jobs

Costing_Quotation.zip

Stage 4 Part 13.zip

http://www.filefactory.com/file/c0cc6c1/n/Stage_4_Part_13.zip

UEENEEE011C+E017C+E117A

UEENEEE011B+UEENEEE017B

E011+E017

UEENEEE011B		Manage risk in electrotechnology activities
UEENEEE017B		Implement and monitor OHS policies and procedures

RiskManagement.pdf

Stage 4 Part 20.zip

http://www.filefactory.com/file/c0cc9b4/n/Stage_4_Part_20.zip

E011E017note1

E011E017note2

E011_E017Notes3.zip

Assessment-Assignment (Flexible)

E011_E017_Assignment

Stage 3 Part 1A.zip

http://www.filefactory.com/file/c0ccc13/n/Stage_3_Part_1A.zip

Stage 4 Part 13.zip

http://www.filefactory.com/file/c0cc6c1/n/Stage_4_Part_13.zip

UEENEEG169A+G170A+E124A

UEENEEG069B+UEENEEG070B+UEENEEE024B

G069+G070+E024

UEENEEG069B		Manage electrical projects
UEENEEG070B		Plan electrical projects
UEENEEE024B		Compile and produce an electrotechnology report

UEENECC001B		Maintain documentation
-------------	--	------------------------

E024_ProjectInstruction.zip

Stage 4 Part 14.zip

http://www.filefactory.com/file/c0cc684/n/Stage_4_Part_14.zip

G069_G070Part1

G069_G070Part2

G069_G070Part3

G069_G070Part4

Stage 4 Part 15.zip

http://www.filefactory.com/file/c0cc7cb/n/Stage_4_Part_15.zip

Ch9_10

Stage 4 Part 12.zip

http://www.filefactory.com/file/c0cc566/n/Stage_4_Part_12.zip

Assessment-In class assessment

Project_Management_Tutorial.zip

Stage 4 Part 20.zip

http://www.filefactory.com/file/c0cc9b4/n/Stage_4_Part_20.zip

UEENEEI120A+I123A

UEENEEI006B

I006

UEENEEI006B		Solve problems in process controllers, transmitters and converters
6032A	EA904	Control concepts
7761L	EA190	Electronic signals and systems

AnalogDigitalSignalConditioning

Stage 4 Part 12.zip

http://www.filefactory.com/file/c0cc566/n/Stage_4_Part_12.zip

H085_66_I006_Note_1_Sensors_1

H085_66_I006_Note_2_Sensors_2

H085_66_I006_Note_3_Sensors_3

H085_66_I006_Note_4_Control_Concept1

H085_66_I006_Note_5_Control_Concept2

H085_66_I006_Note_6_Electronics_Signal

H085_66_I006_Note_8_Process_Control_1

[Stage 4 Part 1A.zip](#)

http://www.filefactory.com/file/c0cc226/n/Stage_4_Part_1A.zip

H085_66_I006_Note_9_Process_Control_2

PLC_Textbook1

PLC_Textbook2

PLC_Textbook3

[Stage 4 Part 18.zip](#)

http://www.filefactory.com/file/c0cc793/n/Stage_4_Part_18.zip

PLC

[Stage 4 Part 18.zip](#)

http://www.filefactory.com/file/c0cc793/n/Stage_4_Part_18.zip

6487E.zip

[Stage 4 Part 1A.zip](#)

http://www.filefactory.com/file/c0cc226/n/Stage_4_Part_1A.zip

[Stage 4 Part 12.zip](#)

http://www.filefactory.com/file/c0cc566/n/Stage_4_Part_12.zip

PLC References

User_Manuals.zip

TRILOGI5-purdue

[Stage 4 Part 11.zip](#)

http://www.filefactory.com/file/c0cc540/n/Stage_4_Part_11.zip

SetupTL6Edu

[Stage 4 Part 21.zip](#)

http://www.filefactory.com/file/c0cc8f7/n/Stage_4_Part_21.zip

Installation

Installation_Instruction

[Stage 4 Part 16.zip](#)

http://www.filefactory.com/file/c0cc703/n/Stage_4_Part_16.zip

F_Nano-Product_Sheets

[Stage 4 Part 14.zip](#)

http://www.filefactory.com/file/c0cc684/n/Stage_4_Part_14.zip

PID (Proportional Integral Derivative) Control

PID.zip

[Stage 4 Part 18.zip](#)

http://www.filefactory.com/file/c0cc793/n/Stage_4_Part_18.zip

Assessment

I006_Tutorials.zip

[Stage 4 Part 16.zip](#)

http://www.filefactory.com/file/c0cc703/n/Stage_4_Part_16.zip

UEENEEI008B	Install process control apparatus and associated equipment
UEENEEI020B	Provide solutions to problems in basic industrial control systems

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I008I020D034F014DataCommA.zip

I008I020D034F014DataCommB.zip

I008I020D034F014DataCommC.zip

H025_Operational_Amplifier

H026_3_Ph_Power_Control_Electronics_1

H026_3_Ph_Power_Control_Electronics_2

H026_3_Ph_Power_Control_Electronics_3

H026_3_Ph_Power_Control_Electronics_4

[Stage 3 Part 6.zip](#)

http://www.filefactory.com/file/c0cce63/n/Stage_3_Part_6.zip

Assessment-Test + Assignment for flexible study students

Electronics_H025_Tutorials

[Stage 3 Part 4.zip](#)

http://www.filefactory.com/file/c0ccd9a/n/Stage_3_Part_4.zip

UEENEEH026_Tutorials.doc

UEENEEI001B		Install and set up transducers and sensing devices
UEENEEI002B		Solve problems in pressure measurement systems
UEENEEI004B		Solve problems in flow measurement systems

UEENEEI005B		Solve problems in temperature measurement systems
-------------	--	---

I001

H085_66_I006_Note_1_Sensors_1

H085_66_I006_Note_2_Sensors_2

H085_66_I006_Note_3_Sensors_3

[Stage 4 Part 1B.zip](#)

http://www.filefactory.com/file/c0cc28a/n/Stage_4_Part_1B.zip

I002+I004

I002I004PressureFlowPnuematicReference.zip

Stage 4 Part 9.zip

http://www.filefactory.com/file/c0cc5db/n/Stage_4_Part_9.zip

Stage 4 Part 16.zip

http://www.filefactory.com/file/c0cc703/n/Stage_4_Part_16.zip

I005

I005TemperatureMeasurement.zip

Stage 4 Part 16.zip

http://www.filefactory.com/file/c0cc703/n/Stage_4_Part_16.zip

Process Control Practicals

PLC_Application_Assignment.zip

Stage 4 Part 18.zip

http://www.filefactory.com/file/c0cc793/n/Stage_4_Part_18.zip

Control_Circuit_Boards.zip

Stage 4 Part 13.zip

http://www.filefactory.com/file/c0cc6c1/n/Stage_4_Part_13.zip

PLC_Hardware_Notes_1.zip

PLC_Hardware_Notes_2.zip

PLC_Hardware_Notes_3.zip

PLC_Hardware_Notes_4.zip

PLC_Hardware_Notes_5.zip

PLC_Hardware_Notes_6.zip

Stage 4 Part 19.zip

http://www.filefactory.com/file/c0cc88c/n/Stage_4_Part_19.zip

PLC_Triology_Advanced_Programs.zip

PLC_SCADA_Project_Example_1.zip

PLC_SCADA_Project_Example_2.zip

PLC_SCADA_Project_Example_3.zip

[Stage 4 Part 18.zip](#)

http://www.filefactory.com/file/c0cc793/n/Stage_4_Part_18.zip

Process_Control_Equipment_Setup_1.zip

Process_Control_Equipment_Setup_2.zip

[Stage 4 Part 21.zip](#)

http://www.filefactory.com/file/c0cc8f7/n/Stage_4_Part_21.zip

SCADA_PLC_Project_1.zip

SCADA_PLC_Project_2.zip

SCADA_PLC_Project_3.zip

SCADA_PLC_Project_4.zip

SCADA_PLC_Project_5.zip

[Stage 4 Part 22.zip](#)

http://www.filefactory.com/file/c0cc83e/n/Stage_4_Part_22.zip

MACHINE REPAIR+PROCESS CONTROL

MachineControlCkt1.zip

MachineControlCkt2.zip

MachineControlCkt3.zip

MachineRepair1.zip

MachineRepair2.zip

MachineRepair3.zip

[Stage 4 Part 17.zip](#)

http://www.filefactory.com/file/c0cc76b/n/Stage_4_Part_17.zip

ProcessControlCkt1.zip

ProcessControlCkt2.zip

ProcessControlCkt3.zip

[Stage 4 Part 21.zip](#)

http://www.filefactory.com/file/c0cc8f7/rv/Stage_4_Part_21.zip

Practicals

www.electricaldiploma2013.zoomshare.com

Practicals

G049+E029+G002

3_ph_3_wire_balance_unbalance_load

3_ph_power

Connection_of_V_I_F_PF_Meter

G043+G044+G045

3_ph_motor_no_load_test

3_ph_motor_speed_measurement

G015+G046

Capacitance_Effect_on_Long_Line

Capacitive_load_effect_on_long_line

CT_Ratio

HT_Line_Design.

Line_air_capacitance_test

Line_Insulator_Capacitance_Measurement

Load_Centre

Over_current_relay_test

Relay_Trade_Reference

UG_Cable_capacitance_test

G047+G042

Capacitance_Effect_on_Long_Line

Capacitive_load_effect_on_long_line.zip

Line_air_capacitance_test

Line_Insulator_Capacitance_Measurement_.zip

Reactive_power

Tr_effect_on_line_loss

UG_Cable_capacitance_test

G048+ E025+G001

Coil_inductance.

Ind_reactance_of_series_coil

Max_Power_Transfer_Theorem

Mutual_Inductance

Rectification

G040

Auto_Tr_Test

CT_Ratio

Tr_OCT_SCT

TrPolarity_OCT_SCT

H025+H026+H045

3_ph_motor_speed_measurement

AC_DC_Drive

Amplifier1_2Practical

Amplifier_current_gain

Class_A-B_Amplifier

Inverting_Non_inverting_amplifier

Power_Control_Devices

Rectification

Variable_speed_drive

I006

Digital_circuit

Digital_counter

Capstone Practicals

Instructions+Methods

Lab_Instruction_data_1

Practical1-2010Part1

Practical1-2010Part2

Practical1-2010Part3

Practical1 Instruction

Practical3-2009

Practical_1-2009Instruction

Practical_2-2009Instruction1

Practical_2-2009Instruction2

Practical_3_Instruction

Equipment

Equipments

Practical1-2009Equipmen1a

Practical1-2009Equipmen1b

Practical1-2009Equipment2a

Practical1-2009Equipment2b

Data

Lab_Data_1

Lab_Data_2

Lab_Data_3

ADDITIONAL UNITS

G037

UEENEEG037B		Diagnose and rectify faults in energy supply apparatus
-------------	--	--

ESI_8_Insulation_1

ESI_8_Insulation_2

ESI_9.1_Protection_Relay_Construction

ESI_9.2Test_Equipment

ESI_33.1_Power_Quality_Concept

ESI_33.2_Harmonic_in_capacitor

ESI_33.3_Harmoniceffect_on_machines

ESI_33.4_Harmonic_in_synchronous_machines

ESI_33.5_Harmonic_in_transformer

ESI_33.6_Power_Quality_Improvement_Capacitor_bank

ESI_33.7_Power_Quality_Improvement-Filter

ESI_33.8_Power_Quality_Improvement-General

ESI_33.9_Power_Quality_Improvement-Power_Conditioner

Assessment

G037Tutorial.zip

[Additional units 1.zip](#)

http://www.filefactory.com/file/c0cb7a6/n/Additional_units_1.zip

[Additional 1.zip](#)

http://www.filefactory.com/file/c0cc0f7/n/Additional_1.zip

Stage 4 Part 15.zip

http://www.filefactory.com/file/c0cc7cb/n/Stage_4_Part_15.zip

G038

UEENEEG038B	Diagnose and rectify faults in electrical energy distribution systems
-------------	---

ESI10.1_HV equipments.zip

ESI10.2_Substation equipments.zip

ESI_18.1_Substation equipments_1

ESI_18.2_Substation equipments_2

ESI_18.3_Substation equipments_3

Assessment

G038Tutorial.zip

[Additional 2.zip](#)

http://www.filefactory.com/file/c0cb59c/n/Additional_2.zip

[Additional units 2.zip](#)

http://www.filefactory.com/file/c0cb7ec/n/Additional_units_2.zip

[Stage 4 Part 15.zip](#)

http://www.filefactory.com/file/c0cc7cb/n/Stage_4_Part_15.zip

G039+K048

UEENEEG039B		Diagnose and rectify faults in distributed generation systems
UEENEEK048A		Install, configure and commission grid connected photovoltaic power systems

ESI12_14_Harmonic

ESI12_14_Reactor

ESI12_14_Syn_Motor_Generator

ESI_19.1_Computer_Control

ESI_19.4_Turbine_Control

ESI_19.2_Generator_Control_Load_Flow

ESI_19.3_Generator

ESI_22.1_Generator_Study

ESI_22.2_Voltage_surge_control

ESI_24_Modern_Power_System

Assessment

G039Tutorial.zip

[Additional 3.zip](#)

http://www.filefactory.com/file/c0cb6a8/n/Additional_3.zip

[Additional units 3.zip](#)

http://www.filefactory.com/file/c0cb71e/n/Additional_units_3.zip

G037+G038+G039

E071_MEM09004_Tutorial

G037_G038_G030Pt1_7762AG_Notes

Tutorial_answers_for_G015_G047_G049_G043_G045_G040_G042

Computer Programming

UEENEED027B	Develop structured programs for control sub systems to access external devices
-------------	--

UEENEED009B	Develop, enter and verify programs for industrial control systems using high level instruction
-------------	--

Microprocessor_Notes_upload.zip

Microprocessor_Textbook_to_upload.zip

Microprocessor_References_to_upload.zip

Speed_C_Programming.zip

Turbo_C.zip

[Stage 4 Part 6.zip](#)

http://www.filefactory.com/file/c0cc4fe/n/Stage_4_Part_6.zip

C_Programming_1.zip

C_Programming_2.zip

C_Programming_3.zip

C_Programming_4.zip

C_Programming_5.zip

C_Programming_6.zip

C_Programming_7.zip

C_Programming_8.zip

[Stage 4 Part 2.zip](#)

http://www.filefactory.com/file/c0cc3b5/n/Stage_4_Part_2.zip

[Stage 4 Part 3.zip](#)

http://www.filefactory.com/file/c3fc837/n/Stage_4_Part_3.zip

MP LAB

33014K.pdf

DS-51317H.pdf

DS-51761B.pdf

MPLAB_Integrated_Development_Environment.doc

MPLAB_IDE_8_50_Release_Notes.zip

MPLAB_User_Guide_51519c.pdf

[Stage 4 Part 5A.zip](#)

http://www.filefactory.com/file/c0cc4a1/n/Stage_4_Part_5A.zip

[Stage 4 Part 5B.zip](#)

http://www.filefactory.com/file/c0c3a6e/n/Stage_4_Part_5B.zip

H046 Telecommunication

UEENEEH046B		Solve fundamental problems in electronic communications system
7761AU	EA181	Communication fundamentals

H046TelecomNote1.zip

H046TelecomNote2.zip

H046TelecomNote3.zip

[Stage 4 Part 16.zip](#)

http://www.filefactory.com/file/c0cc703/n/Stage_4_Part_16.zip

D046 Computer Network

UEENEED046B	Set up and configure basic local area network
-------------	---

Computer_and_Networks.zip

Stage 4 Part 4.zip

http://www.filefactory.com/file/c0cc300/n/Stage_4_Part_4.zip

UEENEEF014B	Set up and configure basic data communications systems
-------------	--

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I008I020D034F014DataCommA.zip

I008I020D034F014DataCommB.zip

I008I020D034F014DataCommC.zip

ELECTRICITY SUPPLY INDUSTRY (ESI) POWER SYSTEM

www.electricaldiploma2013.zoomshare.com

Advanced Diploma of Electricity Supply System

Study Package (1)-OHS

ESI_Study_Package_1.zip

ESI_16_17_OHS_.zip

ESI_16_17_Safety_Rules.zip

Study Package (2)-Power System Planning

ESI_Study_Package_2.zip

Study Package (3)-Testing

ESI_3.1_HV_Measurement_Cable_Test.zip

ESI_3.2_Magnetic_measurement.zip

ESI_3.3_Power_measurement.zip

ESI_3.4_RLC_measurement_1.zip

ESI_3.4_RLC_measurement_2.zip

ESI_3.4_RLC_measurement_3.zip

ESI_3.5_Digital equipments.zip

ESI_3.6_V.A.W_meter.zip

ESI_3.7T_and_M.zip

ESI_3.8_Thermography.zip

Study Package (4) Power Transformer

ESI_4_11_Power_Transformer.zip

Study Package (5) Machine Installation

ESI_5_Machinery_Installation.zip

Study Package (7) Drawing

ESI_7_Drawing1.zip

ESI_7_Drawing2.zip

ESI_7_Drawing_Circuit.zip

ESI_7_Drawing_Switching_Diagram.zip

ESI_7_Electrical_Installation_Design.zip

Study Package (8) Insulation

ESI_8_Insulation_1.zip

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Study Package (9) Protection

ESI_9.1_Protection_Relay_Construction.zip

ESI_9.2Test_Equipment.zip

Study Package (10) HV Equipments

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Study Package (12) Harmonics

ESI12_14_Harmonic.zip

ESI12_14_Reactor.zip

ESI12_14_Syn_Motor_Generator.zip

Study Package (13) Voltage Regulation

ESI_13_Voltage_regulation_devices.zip

Study Package (15) Electrical Estimating

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ESI_15_Electrical_Estimating_3.zip

Study Package (16+17)-OHS

ESI_16_17_OHS_.zip

ESI_16_17_Safety_Rules.zip

Study Package (18) Sub station equipments

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Study Package (19) Computer Control

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ESI_19.3_Generator_.zip

Study Package (20) Transmission System

ESI_20.1_Transmission_System_Lab_1.zip

ESI_20.2_Transmission_System_Lab_2.zip

Study Package (21+34)-Electrical Distribution

17-ESI_Study_Package_21_34_.zip

Study Package (22) Generator

ESI_22.1_Generator_Study.zip

ESI_22.2_Voltage_surge_control.zip

Study Package (23) Machine Rating

ESI_23.1_Generator_Rating.zip

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Study Package (24) Modern Power System

ESI_24_Modern_Power_System.zip

Study Package (24) Signal Communication

ESI_26_Electronics_Signals.zip

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ESI_28.4_Power_Accessories_4.zip

ESI_28.5_Power_Accessories_5.zip

ESI_28.6_Power_Accessories_6.zip

Study Package (33) Power Quality

ESI_33.1_Power_Quality_Concept.zip

ESI_33.2_Harmonic_in_capacitor.zip

ESI_33.3_Harmoniceffect_on_machines.zip

ESI_33.4_Harmonic_in_synchronous_machines.zip

ESI_33.5_Harmonic_in_transformer.zip

ESI_33.6_Power_Quality_Improvement_Capacitor_bank.zip

ESI_33.7_Power_Quality_Improvement-Filter.zip

ESI_33.8_Power_Quality_Improvement-General.zip

ESI_33.9_Power_Quality_Improvement-Power_Conditioner.zip

Study Package (34) Power Equipments Commissioning

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ESI_34.7_Power_Eqpt_Commissioning_Trade_1.zip

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ESI_34.12_Power_Eqpt_Commissioning_Trade_6.zip

ESI_34.13_Power_Eqpt_Configuration_1.zip

ESI_34.14_Power_Eqpt_Configuration_2.zip

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ESI_5_Transmission_System_Practicals.zip

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ESI_25_27_31_32_Part_2_Installation_and_testing_0.zip

ESI_25_27_31_32_Part_3_Electrical_Drawing.zip

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Wiring + Hazardous

ESI_25_27_31_32_Part_10.zip

Final theory test

SP_25_27_31_32_Part_11.zip

Study Package (27) Protective Relaying

ESI_27.1_Arts_and_Science_of_Protective_Relaying_1.zip

ESI_27.2_Arts_and_Science_of_Protective_Relaying_2.zip

ESI_27.3_Arts_and_Science_of_Protective_Relaying_3.zip

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ESI Modified

ESI_4_Power_Transformer.zip

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ESI Modified

Study Package (13) Voltage Regulation

ESI_13_Voltage_Regulating_Devices.zip

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ESI_19.4_Generator_.zip

Study Package (28) Power Accessories

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ESI_28.5_Power_Accessories_5.zip

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Study Package (34) Equipments Commissioning

ESI_34.1_Background_theory_for equipments_commissioning_1.zip

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ESI_34.6_Background_theory_for equipments_commissioning_6.zip

Study Package (27) Relay

ESI_27_1_Relay_Principle_1.zip

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ESI_27_1_Relay_Principle_3.zip

ESI_27.2_Element_of_Relay_Protection.zip

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ERACS Computer Demo

ERACS Software Demo

Overview Flash Demo

ERACS Software Manual

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AA Day 3 AA_Day_3.zip

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AA Day 5 AA_Day_5.zip

AA Day 6 AA_Day_6.zip

AA Day 7 AA_Day_7.zip

7762AA Typed Notes & Text book

7762AA_Module_Book_Modified_Jan_08.zip

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AA_Typed_Note_1.doc AA_Typed_Note_2.doc AA_Typed_Notes_3-.doc
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AH_Day_6_7_8.zip

AH Additional Reading

AH Electricity Tariffs

AH-ElectricityTraiffs.zip

AH Legal Aspects

AH-LegalAspect.zip

AH-System Planning

AH-SystemPlanning.zip

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7762AE Additional Reference Readings

Reading 1 Week_1-Intro.zip

Reading 2 Week_2_Principle.zip

Reading 3 Week_3-1.zip Week_3-2.zip Week_3-3.zip Week_3-4.zip Week_3-5.zip

Reading 4 Week_4-1.zip Week_4-2.zip

Reading 5 Week_5-1.zip Week_5-2.zip Week_5-3.zip

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AG Day 3 & 4 AG_Wk_3_4.zip

AG Day 5 & 6 AG_Wk_5_6.zip

AG Day 7 & 8 AG_Wk_7_8.zip

AG Overall Notes

7762_AG_Power_System_Operation-Teaching_Plan.zip

AG OH Line Notes AG_OH_Line.zip

7762AG Additional Reference Readings

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Solve problems in stand-alone renewable energy systems

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AF_Wk_9.zip AF_Wk_10.zip AFWk11-12-13Part1.zip AFWk11-12-
13Part2.zip AF_Wk_14.zip

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UEENEEH012B		Troubleshoot digital subsystems
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DE 1

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Introduction to Digital Logic DE1-1.zip

Boolean Algebra DE1-2.zip

De Morgan Theorem DE1-3.zip

Karnaugh's Map DE1-5.zip

DE2

Timing Diagram + Operation of Discrete Equipments DE2-1_2_Notes.zip

7 Segments Display DE2-7_Segment_Display.zip

Logic Families Part 1 & Part 2 DE2_Logic_Families_Part_I_Part_II_Note_Exercise.zip

SR Flip Flop DE2-SR_Flip_Flop_Notes.zip

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Data Transfer DE2-Data_Transfer_Note.zip

Encoder DE2-Encoder_Lesson.zip

Logic Level DE2-Logic_Level_Note_Exercise.zip

Logic Level + Totem Pole DE2-Logic_Level_TotemPole_Note_Exercise.zip

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SR & D Latches **SRandDLatches.mht**

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Digital Electronics Exercises

DE1 Exercise

DE1-1_Review_Question.zip

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DE2 Exercise

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DE2_Shift_Register_Exercise.zip

DE2-Counter_Exercise.zip

DE2_SR_Flip_Flop_Q.zip

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DE2-Data_Transfer_Q.zip

DE2-DecoderMultiplexer_Assignment.zip

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UEENED012B		Support computers hardware and software

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Advanced Hardware

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Requirement for a good computer

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CPU THE_CPU_.ppt

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Introduction to Programmable Logic Controller [PLC.zip](#)

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UEENEEI129A (Part 3)	UEENEEH013B

AMPLIFIER

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UEENEEH013B	Troubleshoot amplifiers
UEENEEH039B	Troubleshoot basic amplifiers

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 Week 7 to Week 9 Amp3_0.zip
 Week 10 to Week 12 Amp4.zip
 Week 13 to Week 15 Amp5.zip
 Week 16 to Week 18 Amp6.zip

Amplifier (2)

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 Week 4 to Week 6 AMPb.zip
 Week 7 to Week 9 AMPc.zip
 Week 10 to Week 12 AMPd.zip
 Week 13 to Week 15 AMPe.zip

Electronics Software Tools

Additional 1.zip

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UEENEE004B	Use engineering applications software
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AC Analysis AC_Analysis.mht
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 Active & Passive Filter Designer Active_and_Passive_Filter_Designer.mht
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7762AM Co generation

UEENEEK029B	Design renewable energy heating systems
UEENEEK048A	Install, configure and commission grid connected photovoltaic power systems

Co generation Cogeneration.doc

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Class Note 4 7762AM_Note_4.doc

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2.Safety in Co generation 2.a-Safety_in_Co_generation.doc

2.Un intentional islanding in distribution grids 2.b-
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2.Distribution Network 2 2d-2.pdf

2.Distribution Network 3 2d-3.pdf

3.Rural Energy 3.b.Rural_Energy-
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3.Comparative study 3a_Comparative_study.pdf

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3. Generator Paralleling 3ef.pdf

4.Protection System in Co-generation 4a_Protection_System_in_Co-generation.pdf

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conditions_governing_connection_embedded_generation_mv_38kv.pdf
Needs for co-generation Needs_for_congeneration.pdf
Solar Thermal Co-generation Solar_Thermal_Cogeneration_-_Overview.mht
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UEENEER002B	Contribute to the conduct of a research project
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