

EE07 & EE011 units mapping for Theory Study(Study Option 1) & Exercises

EE-07	EE-011
UEENEEE011B+UEENEEE017B	UEENEEE011C+E017C
UEENEEE025B	UEENEEE125A Part 1
UEENEEE026B	UEENEEE127A
UEENEEE029B	(UEENEEG160A+G161A) Part 1
UEENEEE050B	UEENEEE126A Part 1
UEENEEE071B	UEENEEE071B
Electrical Workshop UEENEEE001B+E002B +E003B+E004B+E005B+E007B+E008B+E033B+E038B	Electrical Workshop UEENEEE101A+E102A+E104A +E105A+E107A+E108A+E137A
UEENEEG001B+UEENEEG002B	UEENEEG101A+G102A
UEENEEG003B+UEENEEG004B+UEENEEG007B Part	UEENEEG106A+G033A+G063A
UEENEEG003B+UEENEEG004B+UEENEEG007B Part 2	UEENEEG103A+G104A
UEENEEG007B	UEENEEG107A
UEENEEG012B	UEENEEG130A Part 2
UEENEEG015B	UEENEEG076A+G127A+G128A+G177A+G130A(1) +UETTDNIS68A+DRIS74A
UEENEEG040B	UETTDNIS73A+UEENEEG006A Part 1
UEENEEG042B	UETTDNIS71A
UEENEEG043B+UEENEEG045B	UEENEEG143A+G145A+I145A
UEENEEG044B	UEENEEG144A+I146A+ (UEENEEG160A+G161A) Part 2
UEENEEG047B	UEENEEE126A Part 2
UEENEEG048B	UEENEEE125A Part 2
UEENEEG049B	UEENEEG149A
UEENEEG069B+UEENEEG070B+UEENEEE024B	UEENEEG169A+G170A+E124A+E015A
UEENEEH011B	UEENEEI124A Part 1
UEENEEH012B	UEENEEI129A Part 2
UEENEEH013B	UEENEEI129A Part 3
UEENEEH025B	UEENEEI148A+I129A Part 1
UEENEEH026B	UEENEEI149A+I129A Part 1
UEENEEH045B	UEENEEI124A Part 2
UEENEEI006B	UEENEEI120A+I123A
UEENEEK025B+UEENEEK025C	UEENEEK125A
UEENEEK035C	UEENEEK135A
UEENEEK041B+UEENEEE047B	UEENEEK151A
Work Performance Practicals and Projects	Work Performance Practicals and Projects

EE-011	EE-07
UEENEEE011C+E017C+E117A	UEENEEE011B+UEENEEE017B
UEENEEE125A (Part 1)	UEENEEE025B
UEENEEE125A (Part 2)	UEENEEG048B
UEENEEE127A	UEENEEE026B
(UEENEEG160A+G161A) Part 1	UEENEEE029B
UEENEEG144A+I146A+ (UEENEEG160A+G161A) Part 2	UEENEEG044B
UEENEEE126A Part 1 UEENEEE126A Part 2	UEENEEE050B UEENEEG047B
UEENEEE071B	UEENEEE071B
Electrical Workshop UEENEEE101A+E102A+E104A +E105A+E107A+E108A+E137A	Electrical Workshop UEENEEE001B+E002B +E003B+E004B+E005B+E007B+E008B+E033B+E038B
UEENEEG101A+G102A	UEENEEG001B+UEENEEG002B
UEENEEG106A+G033A+G063A (Part 1)	UEENEEG003B+UEENEEG004B+UEENEEG007B Part 1
UEENEEG076A+G127A+G128A+G177A+G130A(Part 1) +UETTDRI568A+DRIS74A+ G063A (Part 2)	UEENEEG015B
UEENEEG130A Part 2	UEENEEG012B
UETTDRI573A+UEENEEG006A (Part 1)	UEENEEG040B
UEENEEG143A+G145A+I145A+G006A (Part 2)	UEENEEG043B+UEENEEG045B
UEENEEE081A	UEENEEG012B Mechanical+ UEENEEE047B
UEENEEG107A	UEENEEG007B
UEENEEG103A+G104A	UEENEEG003B+UEENEEG004B+UEENEEG007B Part 2
UEENEEE082A	UEENEEE046B
UETTDRI571A	UEENEEG042B
UEENEEI124A (Part 1)	UEENEEH011B
UEENEEI124A (Part 2)	UEENEEH045B
UEENEEI148A+I129A (Part 1)	UEENEEH025B
UEENEEI149A+I129A (Part 1)	UEENEEH026B
UEENEEI129A (Part 2)	UEENEEH012B
UEENEEI129A (Part 3)	UEENEEH013B
UEENEEG149A	UEENEEG049B
UEENEEG169A+G170A+E124A	UEENEEG069B+UEENEEG070B+UEENEEE024B
UEENEEI120A+I123A	UEENEEI006B
UEENEEK125A	UEENEEK025B+UEENEEK025C
UEENEEK135A	UEENEEK035C
UEENEEK151A	UEENEEK041B+UEENEEE047B
Work Performance Practicals and Projects	Work Performance Practicals and Projects

EE07 & EE011 practical mapping

PART (4) Study area (1)Power System Practicals

www.electricaldiploma2013.zoomshare.com

Click Practical

Power System Work Performance Project

EE07	EE011
G015+G046+G037+G038+G039+G042	UEENEEG076A+G127A+G128A+G177A+G130A(1) +UETTDNIS68A+DRIS74A
G042B	UETTDNIS71A

List of practicals

1. CT PT- Ratio measurement
2. CT Ratio
3. Real power, reactive power, apparent power
4. Transmission line project
5. HT line design
6. Inductive reactance of series coil
7. Line air capacitance test
8. Line insulator capacitance measurement
9. Load centre
10. Over current relay

11. Underground cable capacitance test
12. Voltage profile chart
13. Pi and Tee network
14. Transformer effect on transmission line loss
15. Transformer open circuit & short circuit test
16. Transformer polarity test
17. DC line efficiency

PART (5) Study area (2)Electrical Machines Drive System + Magnetism Practicals

Electrical Machines+Magnetism- Work Performance Projects

EE07	EE011
G001+E029+G040+G043+G044+G045	G101+G006+UETTDRIS73A+ UEENEEG143A+G145A+I145A+ UEENEEG144A+I146A+ UEENEEG160A+G161A

List of practicals

1. E029 practical 1/Practical E029 Induction motor star delta test
2. E029 practical 1/Practical E029-Motor
3. E029 practical 1/Practical E029-Testing motor polarity
4. Practical G044-DC generator characteristics test
5. Three phase motor no load test
6. Three phase motor speed measurement

7. AC-DC drive
8. Auto transformer test
9. Coil inductance
10. CT ratio
11. Mutual inductance
12. Practical G040 –CT PT Power system measurement
13. Practical G040-Power transformer % Regulation
14. Practical G040-Transformer connection
15. Practical-G040-Transformer open circuit/ short circuit test
16. Variable speed drive
17. DC motor speed test –Permanent magnet motor
18. DC motor speed test –Wound field motor

PART (6) Study area (3)Power Electronics Practicals

Power Electronics+Analog Electronics- Work Performance Projects

EE07	EE011
H025+H026+H045	UEENEEI124A Part 1 UEENEEI129A Part 2 UEENEEI129A Part 3 UEENEEI148A+I129A Part 1 UEENEEI149A+I129A Part 1 UEENEEI124A Part 2

List of practicals

1. Class A,B Amplifier
2. Digital circuit
3. Digital counter
4. Inverting, Non inverting amplifier
5. Power control devices
6. Practical-H025+H026 –SCR Phase control
7. Practical-H025 Inverting amplifier
8. Practical- H025-Op-amp comparator
9. Practical-H025-Precision half wave amplifier
10. Practical H025-Variable frequency drive
11. Practical-H026-Three phase rectifier
12. Practical-H026-Three terminals regulator
13. Practical-H026-PWM practical
14. Practical-H026-SCR Drive system
15. Practical-H026-Variable drive system
16. Practical-H045-Mini lab Op-amp
17. Rectification

PART (7) Study area (4)Process Control Practicals

Process Control-I006 Work Performance Projects

EE07	EE011
I006	UEENEEI120A+I123A

List of practicals

1. Transducer (Voltage to voltage)
2. Transducer –RPM to Voltage
3. Signal characteristics
4. Digital practical 1 (Gates)
5. Digital practical 2 –(Combinational Logic)
6. Digital practical 4-(Boolean Algebra)
7. Digital practical 3-(De-Morgan theorem)
8. Digital practical 5-(Equivalent gate)
9. Digital 2 Practical 1 (7 segment display)
10. Digital 2 practical 2 (JK Flipflop)
11. Digital 2 practical 3 (Counter)
12. Digital 2 practical 4 (Shift register)
13. Digital 2 practical 6 (Parallel adder)
14. Digital 2 practical 9(LED Indicator)
15. Digital practical 6 (BCD Encoder)

PART (8) Study area(5)Renewable Energy Practicals

Take part in face to face class

Renewable Energy-K032+K025+K035+K041 Work Performance Projects

EE07	EE011
K025+K035	UEENEEK125A+135A

PWM Inverter

K025 Resources

ELV_Accessories_-_SPS_Components

ELV_Cable_termination

PV_System_installation_Overview_-_PV_Power_Systems

SPS_Components

System_Installation_Examples_-_NUER02_version

PVSoftware in

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

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

[Stage 2 Part 4.zip](#)

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

[Stage 2 Part 5.zip](#)

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

[Stage 2 Part 6.zip](#)

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

PART (9) Study area(6)Electrical Fundamental Practicals

Electrical Circuit Fundamental Work Performance Project

EE07	EE011
E029+G002+G048+G049+E025	UEENEEG160A+G161A+ UEENEEE125A+G102A+G149A

List of practicals

1. E029 practical 2/Practical E029 –Power factor measurement
2. E029 practical 2/Practical E029-Three phase balanced and unbalanced load
3. E029 practical 2/Practical E029-Maximum power transfer theorem
4. E029 practical 2/Practical E029-Series RLC circuit
5. E029 practical 2/Practical E029-Superposition theorem
6. Practical G049-Three phase power measurement
7. Practical G002+G049 –AC/DC Comparison
8. Practical G002+G049-Star delta load
9. Practical G048-Maximum power transfer theorem
10. Reactive power

EE07 & EE011 units mapping for Theory study & Exercises

Study Guide EE07 & EE011

What to study		Which exercises to do				What practical to do	Resources
Main study		Additional study For EE07+EE011 +Video	Main exercise		Additional exercises for EE011		
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
UEENEEE001B Apply OHS practices in the workplace	UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1	Study Option 1	EE011 = EE07 + Additional					
See 1 below	See 3 below						
Study Option 2	Study Option 2						
See 2 below	See 4 below						

1	http://www.filefactory.com/file/c0b67b7/n/Electrical_Workshop_Wiring_E001_2_3_4_5_7_8_33_G003_4_7.zip
2	
3	http://www.filefactory.com/file/c0b67b7/n/Electrical_Workshop_Wiring_E001_2_3_4_5_7_8_33_G003_4_7.zip
4	
5	<p>Video-- Electrical workshop Lesson 1 OHS.zip</p> <p>http://www.filefactory.com/file/c0adbfa/n/Electrical_workshop_Lesson_1_OHS.zipElectrical workshop Lesson 2 Workplace hazard+Fix & secure equipment.zip</p> <p>http://www.filefactory.com/file/c0adca2/n/Electrical_workshop_Lesson_2_Workplace_hazard_Fix_secure_equipment.zip</p> <p>Electrical workshop Lesson 3 Mechanical fixing.zip</p> <p>http://www.filefactory.com/file/c0adc1d/n/Electrical_workshop_Lesson_3_Mechanical_fixing.zip</p> <p>Electrical workshop Lesson 4 Basic electrical wiring.zip</p>

	<p>http://www.filefactory.com/file/c0add65/n/Electrical_workshop_Lesson_4_Basic_electrical_wiring.zip</p> <p>Electrical workshop Lesson 5 Wiring circuits.zip</p> <p>http://www.filefactory.com/file/c0ade9b/n/Electrical_workshop_Lesson_5_Wiring_circuits.zip</p> <p>Electrical workshop Lesson 6 Electrical safety testing.zip</p> <p>http://www.filefactory.com/file/c0adf90/n/Electrical_workshop_Lesson_6_Electrical_safety_testing.zip</p> <p>Electrical workshop Lesson 7 Testing insulation and polarity.zip</p> <p>http://www.filefactory.com/file/c0ad031/n/Electrical_workshop_Lesson_7_Testing_insulation_and_polarity.zip</p> <p>Electrical workshop Lesson 8 Testing lighting polarity.zip</p> <p>http://www.filefactory.com/file/c0ad1d8/n/Electrical_workshop_Lesson_8_Testing_lighting_polarity.zip</p>
6	(2) Click HERE to download other Exercises
7	EE07 & EE011 units mapping for Theory study & Exercises
8	http://www.filefactory.com/file/3qun68epu0lp/n/Advanced_Diploma_in_Electrical_Engineering_Exercises_EE011_pdf
9	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p>Attend the face to face session</p> <p>Stage_1_Electrical_workshop_practicals.pdf Wiring_Equipments_to_purchase IN THE LINK INDICATED IN ROLL 11</p>
10	<u>UEENEEE001_OHSWorkbook.zip</u> IN THE LINK INDICATED IN ROLL 11
11	<p><u>BACK FOR 9 & 10</u> Stage 1 Part 1.zip http://www.filefactory.com/file/c0cb8ab/n/Stage_1_Part_1.zip</p> <p>Stage 1 Part 5.zip http://www.filefactory.com/file/c0cb9b3/n/Stage_1_Part_5.zip</p>

Study Guide EE07 & EE011

What to study		Which exercises to do				What practical to do	Resources
Main study		Additional study For EE07+EE011 +Video	Main exercise		Additional exercises for EE011		
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
UEENEEE002B Dismantle, assemble and fabricate electrotechnology components	UEENEEE102A Fabricate, assemble and dismantle utilities industry components	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1 See 1 below	Study Option 1 See 3 below	EE011 = EE07 + Additional					
Study Option 2 See 2 below	Study Option 2 See 4 below						

1	http://www.filefactory.com/file/c0b67b7/n/Electrical_Workshop_Wiring_E001_2_3_4_5_7_8_33_G003_4_7.zip
2	
3	http://www.filefactory.com/file/c0b67b7/n/Electrical_Workshop_Wiring_E001_2_3_4_5_7_8_33_G003_4_7.zip
4	
5	<p>Video-- Electrical workshop Lesson 1 OHS.zip</p> <p>http://www.filefactory.com/file/c0adbfa/n/Electrical_workshop_Lesson_1_OHS.zipElectrical workshop Lesson 2 Workplace hazard+Fix & secure equipment.zip</p> <p>http://www.filefactory.com/file/c0adca2/n/Electrical_workshop_Lesson_2_Workplace_hazard_Fix_secure_equipment.zip</p> <p>Electrical workshop Lesson 3 Mechanical fixing.zip</p> <p>http://www.filefactory.com/file/c0adc1d/n/Electrical_workshop_Lesson_3_Mechanical_fixing.zip</p> <p>Electrical workshop Lesson 4 Basic electrical wiring.zip</p>

	<p>http://www.filefactory.com/file/c0add65/n/Electrical_workshop_Lesson_4_Basic_electrical_wiring.zip</p> <p>Electrical workshop Lesson 5 Wiring circuits.zip</p> <p>http://www.filefactory.com/file/c0ade9b/n/Electrical_workshop_Lesson_5_Wiring_circuits.zip</p> <p>Electrical workshop Lesson 6 Electrical safety testing.zip</p> <p>http://www.filefactory.com/file/c0adf90/n/Electrical_workshop_Lesson_6_Electrical_safety_testing.zip</p> <p>Electrical workshop Lesson 7 Testing insulation and polarity.zip</p> <p>http://www.filefactory.com/file/c0ad031/n/Electrical_workshop_Lesson_7_Testing_insulation_and_polarity.zip</p> <p>Electrical workshop Lesson 8 Testing lighting polarity.zip</p> <p>http://www.filefactory.com/file/c0ad1d8/n/Electrical_workshop_Lesson_8_Testing_lighting_polarity.zip</p>
6	(2) Click HERE to download other Exercises
7	EE07 & EE011 units mapping for Theory study & Exercises
8	http://www.filefactory.com/file/3qun68epu0lp/n/Advanced_Diploma_in_Electrical_Engineering_Exercises_EE011_pdf
9	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p>Attend the face to face session</p> <p>Stage_1_Electrical_workshop_practicals.pdf Wiring_Equipments_to_purchase IN THE LINK INDICATED IN ROLL 11</p>
10	Fixing Equipments E002_E005.zip IN THE LINK INDICATED IN ROLL 11
11	<p><u>BACK UP FOR 9 & 10</u></p> <p>Stage 1 Part 1.zip http://www.filefactory.com/file/c0cb8ab/n/Stage_1_Part_1.zip</p> <p>Stage 1 Part 5.zip http://www.filefactory.com/file/c0cb9b3/n/Stage_1_Part_5.zip</p>

Study Guide EE07 & EE011

What to study		Which exercises to do				What practical to do	Resources
Main study		Additional study For EE07+EE011 +Video	Main exercise		Additional exercises for EE011		
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
UEENEEE004B Solve problems in multiple path d.c. circuits	UEENEEE104A Solve problems in d.c. circuits	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1 See 1 below	Study Option 1 See 3 below	EE011 = EE07 + Additional					
Study Option 2 See 2 below	Study Option 2 See 4 below						

1	http://www.filefactory.com/file/c0b67b7/n/Electrical_Workshop_Wiring_E001_2_3_4_5_7_8_33_G003_4_7.zip
2	
3	http://www.filefactory.com/file/c0b67b7/n/Electrical_Workshop_Wiring_E001_2_3_4_5_7_8_33_G003_4_7.zip
4	
5	Video- http://www.filefactory.com/file/cf8739b/n/E003+E004.zip
6	(2) Click HERE to download other Exercises
7	EE07 & EE011 units mapping for Theory study & Exercises
8	http://www.filefactory.com/file/3qun68epu0lp/n/Advanced_Diploma_in_Electrical_Engineering_Exercises_EE011_pdf
9	EE07 & EE011 units mapping for Theory study & Exercises Stage_1_Electrical_workshop_practicals.pdf Wiring_Equipments_to_purchase IN THE LINK INDICATED IN ROLL 11
10	DC_Circuit_E003_E004.zip IN THE LINK INDICATED IN ROLL 11
11	BACK UP FOR 9 & 10 Stage 1 Part 1.zip http://www.filefactory.com/file/c0cb8ab/n/Stage_1_Part_1.zip

Study Guide EE07 & EE011

What to study		Which exercises to do				What practical to do	Resources
Main study		Additional study For EE07+EE011 +Video	Main exercise		Additional exercises for EE011		
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
UEENEEE005B Fix and secure equipment	UEENEEE105A Fix and secure electrotechnology equipment	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1	Study Option 1	EE011 = EE07 + Additional					
See 1 below	See 3 below						
Study Option 2	Study Option 2						
See 2 below	See 4 below						

1	http://www.filefactory.com/file/c0b67b7/n/Electrical_Workshop_Wiring_E001_2_3_4_5_7_8_33_G003_4_7.zip
2	
3	http://www.filefactory.com/file/c0b67b7/n/Electrical_Workshop_Wiring_E001_2_3_4_5_7_8_33_G003_4_7.zip
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	<p>Electrical workshop Lesson 3 Mechanical fixing.zip</p> <p>http://www.filefactory.com/file/c0adc1d/n/Electrical_workshop_Lesson_3_Mechanical_fixing.zip</p> <p>Electrical workshop Lesson 4 Basic electrical wiring.zip</p> <p>http://www.filefactory.com/file/c0add65/n/Electrical_workshop_Lesson_4_Basic_electrical_wiring.zip</p> <p>Electrical workshop Lesson 5 Wiring circuits.zip</p> <p>http://www.filefactory.com/file/c0ade9b/n/Electrical_workshop_Lesson_5_Wiring_circuits.zip</p> <p>Electrical workshop Lesson 6 Electrical safety testing.zip</p> <p>http://www.filefactory.com/file/c0adf90/n/Electrical_workshop_Lesson_6_Electrical_safety_testing.zip</p> <p>Electrical workshop Lesson 7 Testing insulation and polarity.zip</p> <p>http://www.filefactory.com/file/c0ad031/n/Electrical_workshop_Lesson_7_Testing_insulation_and_polarity.zip</p> <p>Electrical workshop Lesson 8 Testing lighting polarity.zip</p> <p>http://www.filefactory.com/file/c0ad1d8/n/Electrical_workshop_Lesson_8_Testing_lighting_polarity.zip</p>
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11	<p>BACK UP FOR 9 & 10 Stage 1 Part 1.zip http://www.filefactory.com/file/c0cb8ab/n/Stage_1_Part_1.zip</p> <p>Stage 1 Part 5.zip http://www.filefactory.com/file/c0cb9b3/n/Stage_1_Part_5.zip</p>

Study Guide EE07 & EE011

What to study		Which exercises to do				What practical to do	Resources
Main study		Additional study For EE07+EE011 +Video	Main exercise		Additional exercises for EE011		
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
UEENEEE007B Use drawings, diagrams, schedules and manuals	UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1	Study Option 1	EE011 = EE07 + Additional					
See 1 below	See 3 below						
Study Option 2	Study Option 2						
See 2 below	See 4 below						

1	http://www.filefactory.com/file/c0b67b7/n/Electrical Workshop Wiring E001 2 3 4 5 7 8 33 G003 4 7.zip
2	ElectricalDrawing1 ElectricalDrawing2 ElectricalDrawing3 Stage 1 Part 3.zip http://www.filefactory.com/file/c0cb8f5/n/Stage_1_Part_3.zip

	<p>GeneralDrawing1</p> <p>GeneralDrawing2</p> <p>Stage 1 Part 4.zip</p> <p>http://www.filefactory.com/file/c0cc1cd/n/Stage_1_Part_4.zip</p>
3	<p>http://www.filefactory.com/file/c0b67b7/n/Electrical_Workshop_Wiring_E001_2_3_4_5_7_8_33_G003_4_7.zip</p>
4	<p>ElectricalDrawing1</p> <p>ElectricalDrawing2</p> <p>ElectricalDrawing3</p> <p>Stage 1 Part 3.zip</p> <p>http://www.filefactory.com/file/c0cb8f5/n/Stage_1_Part_3.zip</p> <p>GeneralDrawing1</p> <p>GeneralDrawing2</p> <p>Stage 1 Part 4.zip</p> <p>http://www.filefactory.com/file/c0cc1cd/n/Stage_1_Part_4.zip</p>
5	<p>Video-- Electrical workshop Lesson 1 OHS.zip</p> <p>http://www.filefactory.com/file/c0adbfa/n/Electrical_workshop_Lesson_1_OHS.zipElectrical workshop Lesson 2 Workplace hazard+Fix & secure equipment.zip</p> <p>http://www.filefactory.com/file/c0adca2/n/Electrical_workshop_Lesson_2_Workplace_hazard_Fix_secure_equipment.zip</p> <p>Electrical workshop Lesson 3 Mechanical fixing.zip</p> <p>http://www.filefactory.com/file/c0adc1d/n/Electrical_workshop_Lesson_3_Mechanical_fixing.zip</p> <p>Electrical workshop Lesson 4 Basic electrical wiring.zip</p>

	<p>http://www.filefactory.com/file/c0add65/n/Electrical_workshop_Lesson_4_Basic_electrical_wiring.zip</p> <p>Electrical workshop Lesson 5 Wiring circuits.zip</p> <p>http://www.filefactory.com/file/c0ade9b/n/Electrical_workshop_Lesson_5_Wiring_circuits.zip</p> <p>Electrical workshop Lesson 6 Electrical safety testing.zip</p> <p>http://www.filefactory.com/file/c0adf90/n/Electrical_workshop_Lesson_6_Electrical_safety_testing.zip</p> <p>Electrical workshop Lesson 7 Testing insulation and polarity.zip</p> <p>http://www.filefactory.com/file/c0ad031/n/Electrical_workshop_Lesson_7_Testing_insulation_and_polarity.zip</p> <p>Electrical workshop Lesson 8 Testing lighting polarity.zip</p> <p>http://www.filefactory.com/file/c0ad1d8/n/Electrical_workshop_Lesson_8_Testing_lighting_polarity.zip</p>
6	(2) Click HERE to download other Exercises
7	Stage 1 Electrical workshop practicals.pdf
8	http://www.filefactory.com/file/3qun68epu0lp/n/Advanced_Diploma_in_Electrical_Engineering_Exercises_EE011.pdf
9	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p>Attend the face to face session</p> <p>Stage_1_Electrical_workshop_practicals.pdf</p> <p>Wiring_Equipments_to_purchase in</p> <p>Stage 1 Part 3.zip</p> <p>http://www.filefactory.com/file/c0cb8f5/n/Stage_1_Part_3.zip</p>
10	<p>ElectricalDrawing1</p> <p>ElectricalDrawing2</p>

	<p>ElectricalDrawing3</p> <p>Stage 1 Part 3.zip</p> <p>http://www.filefactory.com/file/c0cb8f5/n/Stage_1_Part_3.zip</p> <p>GeneralDrawing1</p> <p>GeneralDrawing2</p> <p>Stage 1 Part 4.zip</p> <p>http://www.filefactory.com/file/c0cc1cd/n/Stage_1_Part_4.zip</p>
11	<p><u>BACK UP FOR 9 & 10</u></p> <p>Stage 1 Part 3.zip</p> <p>http://www.filefactory.com/file/c0cb8f5/n/Stage_1_Part_3.zip</p>

Study Guide EE07 & EE011

What to study		Which exercises to do				What practical to do	Resources
Main study		Additional study For EE07+EE011 +Video	Main exercise		Additional exercises for EE011		
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
UEENEEE008B Lay wiring/cabling and terminate accessories for extra-low voltage circuits	UEENEEE108A Lay wiring/cabling and terminate accessories for extra-low voltage (ELV) circuits	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1	Study Option 1	EE011 = EE07 + Additional					
See 1 below	See 3 below						
Study Option 2	Study Option 2						
See 2 below	See 4 below						

1	http://www.filefactory.com/file/c0b67b7/n/Electrical_Workshop_Wiring_E001_2_3_4_5_7_8_33_G003_4_7.zip
2	
3	http://www.filefactory.com/file/c0b67b7/n/Electrical_Workshop_Wiring_E001_2_3_4_5_7_8_33_G003_4_7.zip
4	
5	<p>Video-- Electrical workshop Lesson 1 OHS.zip http://www.filefactory.com/file/c0adbfa/n/Electrical_workshop_Lesson_1_OHS.zip Electrical workshop Lesson 2 Workplace hazard+Fix & secure equipment.zip</p> <p>http://www.filefactory.com/file/c0adca2/n/Electrical_workshop_Lesson_2_Workplace_hazard_Fix_secure_equipment.zip</p> <p>Electrical workshop Lesson 3 Mechanical fixing.zip</p> <p>http://www.filefactory.com/file/c0adc1d/n/Electrical_workshop_Lesson_3_Mechanical_fixing.zip</p> <p>Electrical workshop Lesson 4 Basic electrical wiring.zip</p> <p>http://www.filefactory.com/file/c0add65/n/Electrical_workshop_Lesson_4_Basic_electrical_wiring.zip</p> <p>Electrical workshop Lesson 5 Wiring circuits.zip</p>

	<p>http://www.filefactory.com/file/c0ade9b/n/Electrical_workshop_Lesson_5_Wiring_circuits.zip</p> <p>Electrical workshop Lesson 6 Electrical safety testing.zip</p> <p>http://www.filefactory.com/file/c0adf90/n/Electrical_workshop_Lesson_6_Electrical_safety_testing.zip</p> <p>Electrical workshop Lesson 7 Testing insulation and polarity.zip</p> <p>http://www.filefactory.com/file/c0ad031/n/Electrical_workshop_Lesson_7_Testing_insulation_and_polarity.zip</p> <p>Electrical workshop Lesson 8 Testing lighting polarity.zip</p> <p>http://www.filefactory.com/file/c0ad1d8/n/Electrical_workshop_Lesson_8_Testing_lighting_polarity.zip</p>
6	2) Click HERE to download other Exercises
7	EE07 & EE011 units mapping for Theory study & Exercises
8	http://www.filefactory.com/file/3qun68epu0lp/n/Advanced_Diploma_in_Electrical_Engineering_Exercises_EE011_pdf
9	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p>Attend the face to face session</p> <p>Stage_1_Electrical_workshop_practicals.pdf Wiring_Equipments_to_purchase IN THE LINK INDICATED IN ROLL 11</p>
10	<p>Wiring_Notes_1. Wiring_Notes_2 Switchboard_Wiring 1Wiring_E033_E008 2Wiring_E033_E008</p> <p>IN THE LINK INDICATED IN ROLL 11</p>
11	<p><u>BACK UP for 9 & 10</u></p> <p>Stage 1 Part 5.zip http://www.filefactory.com/file/c0cb9b3/n/Stage_1_Part_5.zip</p> <p>Stage 1 Part 1.zip http://www.filefactory.com/file/c0cb8ab/n/Stage_1_Part_1.zip</p>

Study Guide EE07 & EE011

What to study		Additional study For EE07+EE011 +Video	Which exercises to do		What practical to do	Resources	
Main study			Main exercise				
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			Additional exercises for EE011
UEENEEE033B Document occupational hazards and risks in electrical work	UEENEEE137A Document and apply measures to control OHS risks associated with electrotechnology work	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1 See 1 below	Study Option 1 See 3 below	EE011 = EE07 + Additional					
Study Option 2 See 2 below	Study Option 2 See 4 below						

1	http://www.filefactory.com/file/c0b67b7/n/Electrical_Workshop_Wiring_E001_2_3_4_5_7_8_33_G003_4_7.zip
2	
3	http://www.filefactory.com/file/c0b67b7/n/Electrical_Workshop_Wiring_E001_2_3_4_5_7_8_33_G003_4_7.zip
4	
5	<p>Video-- Electrical workshop Lesson 1 OHS.zip http://www.filefactory.com/file/c0adbfa/n/Electrical_workshop_Lesson_1_OHS.zip Electrical workshop Lesson 2 Workplace hazard+Fix & secure equipment.zip http://www.filefactory.com/file/c0adca2/n/Electrical_workshop_Lesson_2_Workplace_hazard_Fix_secure_equipment.zip</p> <p>Electrical workshop Lesson 3 Mechanical fixing.zip http://www.filefactory.com/file/c0adc1d/n/Electrical_workshop_Lesson_3_Mechanical_fixing.zip</p> <p>Electrical workshop Lesson 4 Basic electrical wiring.zip</p>

	<p>http://www.filefactory.com/file/c0add65/n/Electrical_workshop_Lesson_4_Basic_electrical_wiring.zip</p> <p>Electrical workshop Lesson 5 Wiring circuits.zip</p> <p>http://www.filefactory.com/file/c0ade9b/n/Electrical_workshop_Lesson_5_Wiring_circuits.zip</p> <p>Electrical workshop Lesson 6 Electrical safety testing.zip</p> <p>http://www.filefactory.com/file/c0adf90/n/Electrical_workshop_Lesson_6_Electrical_safety_testing.zip</p> <p>Electrical workshop Lesson 7 Testing insulation and polarity.zip</p> <p>http://www.filefactory.com/file/c0ad031/n/Electrical_workshop_Lesson_7_Testing_insulation_and_polarity.zip</p> <p>Electrical workshop Lesson 8 Testing lighting polarity.zip</p> <p>http://www.filefactory.com/file/c0ad1d8/n/Electrical_workshop_Lesson_8_Testing_lighting_polarity.zip</p>
6	2) Click HERE to download other Exercises
7	EE07 & EE011 units mapping for Theory study & Exercises
8	http://www.filefactory.com/file/3qun68epu0lp/n/Advanced_Diploma_in_Electrical_Engineering_Exercises_EE011_pdf
9	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p>Attend the face to face session</p> <p>Stage_1_Electrical_workshop_practicals.pdf Wiring_Equipments_to_purchase IN THE LINK INDICATED IN ROLL 11</p>
10	<p>Electrical_safe_working.zip</p> <p>NREL_Disconnect_Reconnect.zip IN THE LINK INDICATED IN ROLL 11</p>
11	<p><u>BACK UP for 9 & 10</u></p> <p>Stage 1 Part 5.zip http://www.filefactory.com/file/c0cb9b3/n/Stage_1_Part_5.zip</p> <p>Stage 1 Part 1.zip http://www.filefactory.com/file/c0cb8ab/n/Stage_1_Part_1.zip</p>

Study Guide EE07 & EE011

What to study		Which exercises to do				What practical to do	Resources
Main study		Additional study For EE07+EE011 +Video	Main exercise		Additional exercises for EE011		
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
	UEENEEG106A Terminate cables, cords and accessories for low voltage circuits	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1	Study Option 1	EE011 = EE07 + Additional					
See 1 below	See 3 below						
Study Option 2	Study Option 2						
See 2 below	See 4 below						

1	
2	
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4	<p>ELV_Cable_termination</p> <p>in Stage 2 Part 2A.zip</p> <p>http://www.filefactory.com/file/c0cca4a/n/Stage_2_Part_2A.zip</p>
5	<p>Video-- Electrical workshop Lesson 1 OHS.zip</p> <p>http://www.filefactory.com/file/c0adbfa/n/Electrical workshop Lesson 1 OHS.zipElectrical workshop Lesson 2 Workplace hazard+Fix & secure equipment.zip</p> <p>http://www.filefactory.com/file/c0adca2/n/Electrical workshop Lesson 2 Workplace hazard Fix secure equipment.zip</p> <p>Electrical workshop Lesson 3 Mechanical fixing.zip</p>

	<p>http://www.filefactory.com/file/c0adc1d/n/Electrical_workshop_Lesson_3_Mechanical_fixing.zip</p> <p>Electrical workshop Lesson 4 Basic electrical wiring.zip</p> <p>http://www.filefactory.com/file/c0add65/n/Electrical_workshop_Lesson_4_Basic_electrical_wiring.zip</p> <p>Electrical workshop Lesson 5 Wiring circuits.zip</p> <p>http://www.filefactory.com/file/c0ade9b/n/Electrical_workshop_Lesson_5_Wiring_circuits.zip</p> <p>Electrical workshop Lesson 6 Electrical safety testing.zip</p> <p>http://www.filefactory.com/file/c0adf90/n/Electrical_workshop_Lesson_6_Electrical_safety_testing.zip</p> <p>Electrical workshop Lesson 7 Testing insulation and polarity.zip</p> <p>http://www.filefactory.com/file/c0ad031/n/Electrical_workshop_Lesson_7_Testing_insulation_and_polarity.zip</p> <p>Electrical workshop Lesson 8 Testing lighting polarity.zip</p> <p>http://www.filefactory.com/file/c0ad1d8/n/Electrical_workshop_Lesson_8_Testing_lighting_polarity.zip</p>
6	
7	Only practical assessment in class
8	http://www.filefactory.com/file/3qun68epu0lp/n/Advanced_Diploma_in_Electrical_Engineering_Exercises_EE011_pdf
9	Attend face to face class
	http://www.filefactory.com/file/2f8e3fph9trr/n/G106_G033_Practical_zip
10	<p>ELV_Cable_termination Wiring_Notes_1. Wiring_Notes_2 Switchboard_Wiring</p> <p>1Wiring_E033_E008 2Wiring_E033_E008</p> <p>ElectricalDrawing1.zip ElectricalDrawing2.zip ElectricalDrawing3.pdf IN THE LINK INDICATED IN ROLL 11</p>
11	<p><u>BACK UP</u></p> <p>Stage 2 Part 2A.zip</p> <p>http://www.filefactory.com/file/c0cca4a/n/Stage_2_Part_2A.zip</p>

Study Guide EE07 & EE011

What to study		Which exercises to do			What practical to do	Resources
Main study		Additional study For EE07+EE011 +Video	Main exercise		Additional exercises for EE011	
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07		
	UEENEEG063A Arrange circuits, control and protection for general electrical installations	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below See 10 below
Study Option 1 See 1 below	Study Option 1 See 3 below	EE011 = EE07 + Additional				
Study Option 2 See 2 below	Study Option 2 See 4 below					

1	
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5	<p><u>Electrical wiring + Electrical Installation requirement</u></p> <p><u>G003+G004+G007 Lesson 1 Electrical installation protection.zip</u></p> <p><u>http://www.filefactory.com/file/c35d2f2/n/G003_G004_G007_Lesson_1_Electrical_installation_protection.zip</u></p> <p><u>G003+G004+G007 Lesson 2 Electrical system safety.zip</u></p>

http://www.filefactory.com/file/cf937ac/n/G003_G004_G007_Lesson_2_Electrical_system_safety.zip

[G003+G004+G007 Lesson 3 Heating+Cable ckt protection exercise.zip](#)

http://www.filefactory.com/file/c0abfe8/n/G003_G004_G007_Lesson_3_Heating_Cable_ckt_protection_exercise.zip

[G003+G004+G007 Lesson 4 Wiring system.zip](#)

http://www.filefactory.com/file/cf939f0/n/G003_G004_G007_Lesson_4_Wiring_system.zip

[G003+G004+G007 Lesson 5 Hazardous area electrical system.zip](#)

http://www.filefactory.com/file/cf94af8/n/G003_G004_G007_Lesson_5_Hazardous_area_electrical_system.zip

[G003+G004+G007 Lesson 6 Overload protection RCD.zip](#)

http://www.filefactory.com/file/cf94bcf/n/G003_G004_G007_Lesson_6_Overload_protection_RCD.zip

	<p>G003+G004+G007 Lesson 7 RCD + Metering.zip</p> <p>http://www.filefactory.com/file/cf94cae/n/G003_G004_G007_Lesson_7_RCD_Metering.zip</p> <p>G003+G004+G007 Lesson 8 Switch board installation.zip</p> <p>http://www.filefactory.com/file/cf94c40/n/G003_G004_G007_Lesson_8_Switch_board_installation.zip</p> <p>G003+G004+G007 Lesson 9 Cable selection+Maximum demand.zip</p> <p>http://www.filefactory.com/file/cf94dbb/n/G003_G004_G007_Lesson_9_Cable_selection_Maximum_demand.zip</p> <p>G003+G004+G007 Lesson 10 Electrical installation safety testing.zip</p> <p>http://www.filefactory.com/file/cf94123/n/G003_G004_G007_Lesson_10_Electrical_installation_safety_testing.zip</p>
6	
7	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p>Only face to face class assessment</p>
8	<p>Only face to face class assessment</p>
9	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p>Attend face to face class</p> <p>PRACTICAL</p>

	<p>Workshop 2+3</p> <p>WorkShop_Part_2_Practical_1_to_6_.zip</p> <p>WorkShop_Part_2_Practical_7_to_12_.zip</p> <p>WorkShop_Part_2_Practical_13_to_17_.zip</p> <p>WorkShop_Part_2_Practical_18_to_21_.zip</p> <p>ElectricalWorkshopPart3_G008_Group1Machine_.zip</p> <p>ElectricalWorkshopPart3_G008_Group2LineProtection_.zip</p> <p>ElectricalWorkshopPart3_G008_Group3InstrumentsDevices_.zip</p> <p>OTHER PRACTICALS</p> <p>ELECTRICAL_WORKSHOP_PART_2_G003_G004_G009_.zip</p> <p>Electrical_Workshop_Part_2_Practical_1_to_18.zip</p> <p>Electrical_Workshop_Part_2_Practical_19_to_21.zip</p> <p>G003_G004_G009Practicals.pdf IN THE LINK INDICATED IN ROLL 11</p>
10	<p>Construction ElectricalSafety.zip</p> <p>InserviceTesting.zip</p> <p>Wiring_Notes_1. Wiring_Notes_2 Switchboard_Wiring 1Wiring_E033_E008 2Wiring_E033_E008</p> <p>IN THE LINK INDICATED IN ROLL 11</p>

BACK UP FOR 9 & 10

[Stage 2 Part 1B.zip](http://www.filefactory.com/file/c0ccac0/n/Stage_2_Part_1B.zip) http://www.filefactory.com/file/c0ccac0/n/Stage_2_Part_1B.zip

[Stage 2 Part 3.zip](http://www.filefactory.com/file/c0ccb1f/n/Stage_2_Part_3.zip) http://www.filefactory.com/file/c0ccb1f/n/Stage_2_Part_3.zip

[Stage 2 Part 6.zip](http://www.filefactory.com/file/c0cccc0/n/Stage_2_Part_6.zip) http://www.filefactory.com/file/c0cccc0/n/Stage_2_Part_6.zip

[Stage 3 Part 3.zip](http://www.filefactory.com/file/c0ccd44/n/Stage_3_Part_3.zip) http://www.filefactory.com/file/c0ccd44/n/Stage_3_Part_3.zip

[Stage 3 Part 4.zip](http://www.filefactory.com/file/c0ccd9a/n/Stage_3_Part_4.zip) http://www.filefactory.com/file/c0ccd9a/n/Stage_3_Part_4.zip

[Stage 4 Part 8.zip](http://www.filefactory.com/file/c0cc5a1/n/Stage_4_Part_8.zip) http://www.filefactory.com/file/c0cc5a1/n/Stage_4_Part_8.zip

[Stage 4 Part 9.zip](http://www.filefactory.com/file/c0cc5db/n/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) http://www.filefactory.com/file/c0cc5f8/n/Stage_4_Part_10.zip

[Stage 3 Part 5.zip](http://www.filefactory.com/file/c0ccefd/n/Stage_3_Part_5.zip) http://www.filefactory.com/file/c0ccefd/n/Stage_3_Part_5.zip

[Stage 3 Part 8.zip](http://www.filefactory.com/file/c0ccf09/n/Stage_3_Part_8.zip) http://www.filefactory.com/file/c0ccf09/n/Stage_3_Part_8.zip

[Stage 3 Part 9.zip](http://www.filefactory.com/file/c0ccf48/n/Stage_3_Part_9.zip) http://www.filefactory.com/file/c0ccf48/n/Stage_3_Part_9.zip

Study Guide EE07 & EE011

What to study		Which exercises to do				What practical to do	Resources
Main study		Additional study For EE07+EE011 +Video	Main exercise		Additional exercises for EE011		
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
UEENEEG007A Select wiring systems and cables for low voltage general electrical installations	UEENEEG107A Select wiring systems and cables for low voltage general electrical installations	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1 See 1 below	Study Option 1 See 3 below	EE011 = EE07 + Additional					
Study Option 2 See 2 below	Study Option 2 See 4 below						

1	http://www.filefactory.com/file/c0b67b7/n/Electrical_Workshop_Wiring_E001_2_3_4_5_7_8_33_G003_4_7.zip
2	AS3000-2007Overview.zip AS3000_AS3008TablesExtract.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_Wiring.zip

In

[Stage 2 Part 3.zip](#)

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

[Stage 2 Part 6.zip](#)

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

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

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

[Stage 3 Part 3.zip](#)

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

[Stage 3 Part 4.zip](#)

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

[Stage 3 Part 5.zip](#)

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

[Stage 3 Part 6.zip](#)

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

[Stage 3 Part 9.zip](#)

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

[Stage 4 Part 7.zip](#)

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

[Stage 4 Part 8.zip](#)

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

[Stage 4 Part 9.zip](#)

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

[Stage 4 Part 14.zip](#)

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

3	http://www.filefactory.com/file/c0b67b7/n/Electrical_Workshop_Wiring_E001_2_3_4_5_7_8_33_G003_4_7.zip
4	<p>AS3000-2007Overview.zip</p> <p>AS3000_AS3008TablesExtract.zip</p> <p>WiringRules.zip</p> <p>Part (1) Study the following notes</p> <p>Installation_Requirement_1-A.zip</p> <p>Installation_Requirement_1-B.zip</p> <p>Installation_Requirement_2-A.zip</p> <p>Installation_Requirement_2-B.zip</p> <p>Stage_2_Wiring.zip</p> <p>in</p> <p>www.electricaldiploma2013.zoomshare.com</p> <p>AUSTRALIAN ELECTRICIAN TRAINING</p>
5	<p><u>G007</u></p> <p>G007 Lesson 1 AS3000 Wiring rule overview.zip</p> <p>http://www.filefactory.com/file/cf94220/n/G007_Lesson_1_AS3000_Wiring_rule_overview.zip</p> <p>G007 Lesson 2 Maximum Demand calculation.zip</p> <p>http://www.filefactory.com/file/cf9456f/n/G007_Lesson_2_Maximum_Demand_calculation.zip</p> <p>G007 Lesson 3 Cable selection.zip</p>

	<p>http://www.filefactory.com/file/cf9465c/n/G007_Lesson_3_Cable_selection.zip</p> <p>G007 Lesson 4 Cable voltage drop calculation.zip</p> <p>http://www.filefactory.com/file/cf9479e/n/G007_Lesson_4_Cable_voltage_drop_calculation.zip</p> <p>G007 Lesson 5 Derating of cable part 1.zip</p> <p>http://www.filefactory.com/file/cf95acb/n/G007_Lesson_5_Derating_of_cable_part_1.zip</p> <p>G007 Lesson 6 Derating of cable part 2.zip</p> <p>http://www.filefactory.com/file/cf95a6b/n/G007_Lesson_6_Derating_of_cable_part_2.zip</p> <p>G007 Lesson 7 Derating of cable for HRC fuse protection.zip</p> <p>http://www.filefactory.com/file/cf95cd7/n/G007_Lesson_7_Derating_of_cable_for_HRC_fuse_protection.zip</p> <p>G007 Lesson 8 Final subcircuit fault loop impedance.zip</p> <p>http://www.filefactory.com/file/cf95dd1/n/G007_Lesson_8_Final_subcircuit_fault_loop_impedance.zip</p> <p><u>Electrical Installation requirement</u></p>
6	Click HERE to download the other exercises
7	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p>Do the assignments from the following book & submit the assignment (1) Cable_Installation.zip</p> <p>Do the assignments from the following book & submit the assignment (2) Regulatory_Requirement.zip</p>
8	http://www.filefactory.com/file/3qun68epu0lp/n/Advanced_Diploma_in_Electrical_Engineering_Exercises_EE011.pdf

9	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p>PRACTICAL</p> <p>Workshop 2+3</p> <p>WorkShop_Part_2_Practical_1_to_6_.zip</p> <p>WorkShop_Part_2_Practical_7_to_12_.zip</p> <p>WorkShop_Part_2_Practical_13_to_17_.zip</p> <p>WorkShop_Part_2_Practical_18_to_21_.zip</p> <p>ElectricalWorkshopPart3_G008_Group1Machine_.zip</p> <p>ElectricalWorkshopPart3_G008_Group2LineProtection_.zip</p> <p>ElectricalWorkshopPart3_G008_Group3InstrumentsDevices_.zip</p> <p>OTHER PRACTICALS</p> <p>ELECTRICAL_WORKSHOP_PART_2_G003_G004_G009_.zip</p> <p>Electrical_Workshop_Part_2_Practical_1_to_18.zip</p> <p>Electrical_Workshop_Part_2_Practical_19_to_21.zip</p> <p>G003_G004_G009Practicals.pdf</p> <p>In</p> <p>www.electricaldiploma2013.zoomshare.com</p> <p>AUSTRALIAN ELECTRICIAN TRAINING</p>
10	

BACK UP FOR 9 & 10

[Stage 2 Part 1B.zip](http://www.filefactory.com/file/c0ccac0/n/Stage_2_Part_1B.zip) http://www.filefactory.com/file/c0ccac0/n/Stage_2_Part_1B.zip

[Stage 2 Part 3.zip](http://www.filefactory.com/file/c0ccb1f/n/Stage_2_Part_3.zip) http://www.filefactory.com/file/c0ccb1f/n/Stage_2_Part_3.zip

[Stage 2 Part 6.zip](http://www.filefactory.com/file/c0cccc0/n/Stage_2_Part_6.zip) http://www.filefactory.com/file/c0cccc0/n/Stage_2_Part_6.zip

[Stage 3 Part 3.zip](http://www.filefactory.com/file/c0ccd44/n/Stage_3_Part_3.zip) http://www.filefactory.com/file/c0ccd44/n/Stage_3_Part_3.zip

[Stage 3 Part 4.zip](http://www.filefactory.com/file/c0ccd9a/n/Stage_3_Part_4.zip) http://www.filefactory.com/file/c0ccd9a/n/Stage_3_Part_4.zip

[Stage 3 Part 5.zip](http://www.filefactory.com/file/c0ccefd/n/Stage_3_Part_5.zip) http://www.filefactory.com/file/c0ccefd/n/Stage_3_Part_5.zip

[Stage 3 Part 8.zip](http://www.filefactory.com/file/c0ccf09/n/Stage_3_Part_8.zip) http://www.filefactory.com/file/c0ccf09/n/Stage_3_Part_8.zip

[Stage 3 Part 9.zip](http://www.filefactory.com/file/c0ccf48/n/Stage_3_Part_9.zip) http://www.filefactory.com/file/c0ccf48/n/Stage_3_Part_9.zip

[Stage 4 Part 7.zip](http://www.filefactory.com/file/c0cc479/n/Stage_4_Part_7.zip) http://www.filefactory.com/file/c0cc479/n/Stage_4_Part_7.zip

[Stage 4 Part 8.zip](http://www.filefactory.com/file/c0cc5a1/n/Stage_4_Part_8.zip) http://www.filefactory.com/file/c0cc5a1/n/Stage_4_Part_8.zip

[Stage 4 Part 9.zip](http://www.filefactory.com/file/c0cc5db/n/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) http://www.filefactory.com/file/c0cc5f8/n/Stage_4_Part_10.zip

Study Guide EE07 & EE011

What to study		Which exercises to do				What practical to do	Resources
Main study		Additional study For EE07+EE011 +Video	Main exercise		Additional exercises for EE011		
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
UEENEEG003A Install low voltage wiring and accessories	UEENEEG103A Install low voltage wiring and accessories	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1	Study Option 1	EE011 = EE07 + Additional					
See 1 below	See 3 below						
Study Option 2	Study Option 2						
See 2 below	See 4 below						

1	http://www.filefactory.com/file/c0b67b7/n/Electrical_Workshop_Wiring_E001_2_3_4_5_7_8_33_G003_4_7.zip
2	
3	http://www.filefactory.com/file/c0b67b7/n/Electrical_Workshop_Wiring_E001_2_3_4_5_7_8_33_G003_4_7.zip <u>G103+104 Notes+Lessons</u> http://www.filefactory.com/file/2bg8qift6nzh/n/G103_G104_zip
4	Wiring_Notes_1. Wiring_Notes_2 Switchboard_Wiring 1Wiring_E033_E008

2Wiring_E033_E008

Fixing Equipments

E002_E005.zip Lighting.zip

E_trade_1.zip

E_trade_2.zip

E_trade_3.zip

E_trade_4.zip

G008_General_Notes_1.zip

G008_General_Notes_2.zip

Hazard_Identification.zip

G003_G004_Wiring_2_Part_1.zip

G003_G004_Wiring_2_Part_2.zip

Cable_CktProt_E_Accessories.zip

Cable_Conduit_E_Accessories.zip

Elect_Installation_Protection_Method_Devices.zip

Elect_Installation_Requirement_1.zip

Elect_Installation_Requirement_1.zip

Elect_Installation_Requirement_2.zip

ElectricInstallationDesign.zip

ElectSystSafety1.zip

ElectSystSafety2.zip

FireProtHeatingTestingEarthing.zip

GeneralWiring.zip

HazardLightingPanel.zip

PanelRCDWireSpecial_Installation.zip

ProtectionMethods.zip

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Electrical wiring + Electrical Installation requirement

[G003+G004+G007 Lesson 1 Electrical installation protection.zip](#)

http://www.filefactory.com/file/c35d2f2/n/G003_G004_G007_Lesson_1_Electrical_installation_protection.zip

[G003+G004+G007 Lesson 2 Electrical system safety.zip](#)

http://www.filefactory.com/file/cf937ac/n/G003_G004_G007_Lesson_2_Electrical_system_safety.zip

[G003+G004+G007 Lesson 3 Heating+Cable ckt protection exercise.zip](#)

	<p>http://www.filefactory.com/file/c0abfe8/n/G003_G004_G007_Lesson_3_Heating_Cable_ckt_protection_exercise.zip</p> <p>G003+G004+G007 Lesson 4 Wiring system.zip</p> <p>http://www.filefactory.com/file/cf939f0/n/G003_G004_G007_Lesson_4_Wiring_system.zip</p> <p>G003+G004+G007 Lesson 5 Hazardous area electrical system.zip</p> <p>http://www.filefactory.com/file/cf94af8/n/G003_G004_G007_Lesson_5_Hazardous_area_electrical_system.zip</p> <p>G003+G004+G007 Lesson 6 Overload protection RCD.zip</p> <p>http://www.filefactory.com/file/cf94bcf/n/G003_G004_G007_Lesson_6_Overload_protection_RCD.zip</p> <p>G003+G004+G007 Lesson 7 RCD + Metering.zip</p> <p>http://www.filefactory.com/file/cf94cae/n/G003_G004_G007_Lesson_7_RCD_Metering.zip</p> <p>G003+G004+G007 Lesson 8 Switch board installation.zip</p> <p>http://www.filefactory.com/file/cf94c40/n/G003_G004_G007_Lesson_8_Switch_board_installation.zip</p> <p>G003+G004+G007 Lesson 9 Cable selection+Maximum demand.zip</p> <p>http://www.filefactory.com/file/cf94dbb/n/G003_G004_G007_Lesson_9_Cable_selection_Maximum_demand.zip</p> <p>G003+G004+G007 Lesson 10 Electrical installation safety testing.zip</p> <p>http://www.filefactory.com/file/cf94123/n/G003_G004_G007_Lesson_10_Electrical_installation_safety_testing.zip</p>
6	<p>Click HERE to download the other exercises</p>
7	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p>Assessment Read the above notes files and do the assignments for the following tutorial file.</p> <p>WiringPracticals.zip</p> <p>G003G004Tutorial.zip</p>

	<p>in</p> <p>www.electricaldiploma2013.zoomshare.com</p> <p>AUSTRALIAN ELECTRICIAN TRAINING</p>
8	<p>http://www.filefactory.com/file/3qun68epu0lp/n/Advanced_Diploma_in_Electrical_Engineering_Exercises_EE011_pdf</p>
9	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p>Attend the face to face class</p> <p>PRACTICAL</p> <p>http://www.filefactory.com/file/54l4d5rif1z3/n/Advanced_Wiring_Part_1_zip</p> <p><u>Advanced Wiring Part 1+2—G103</u></p> <p>http://www.filefactory.com/file/1xb18xg1gaz1/n/Advanced_Wiring_Part_1_and_2_zip</p> <p><u>Electrical Installation Safety Testing</u></p> <p>http://www.filefactory.com/file/5mv9s6dx174h/n/Electrical_Installation_Safety_Testing_zip</p> <p>Workshop 2+3</p> <p>WorkShop_Part_2_Practical_1_to_6_.zip</p> <p>WorkShop_Part_2_Practical_7_to_12_.zip</p> <p>WorkShop_Part_2_Practical_13_to_17_.zip</p> <p>WorkShop_Part_2_Practical_18_to_21_.zip</p> <p>ElectricalWorkshopPart3_G008_Group1Machine_.zip</p> <p>ElectricalWorkshopPart3_G008_Group2LineProtection_.zip</p> <p>ElectricalWorkshopPart3_G008_Group3InstrumentsDevices_.zip</p>

	<p>OTHER PRACTICALS</p> <p>ELECTRICAL_WORKSHOP_PART_2_G003_G004_G009_.zip</p> <p>Electrical_Workshop_Part_2_Practical_1_to_18.zip</p> <p>Electrical_Workshop_Part_2_Practical_19_to_21.zip</p> <p>G003_G004_G009Practicals.pdf</p>
10	<p>Stage 3 Part 8.zip http://www.filefactory.com/file/c0ccf09/n/Stage_3_Part_8.zip</p> <p>Power Distribution Trade Power_Distribution_Trade.zip</p> <p>Metering Metering.zip</p>
11	<p><u>BACK UP FOR 9 & 10</u></p> <p>Stage 2 Part 1B.zip http://www.filefactory.com/file/c0ccac0/n/Stage_2_Part_1B.zip</p> <p>Stage 2 Part 3.zip http://www.filefactory.com/file/c0ccb1f/n/Stage_2_Part_3.zip</p> <p>Stage 2 Part 6.zip http://www.filefactory.com/file/c0cccc0/n/Stage_2_Part_6.zip</p> <p>Stage 3 Part 3.zip http://www.filefactory.com/file/c0ccd44/n/Stage_3_Part_3.zip</p> <p>Stage 3 Part 4.zip http://www.filefactory.com/file/c0ccd9a/n/Stage_3_Part_4.zip</p> <p>Stage 3 Part 5.ziphttp://www.filefactory.com/file/c0ccefd/n/Stage_3_Part_5.zip</p> <p>Stage 3 Part 8.zip http://www.filefactory.com/file/c0ccf09/n/Stage_3_Part_8.zip</p> <p>Stage 3 Part 9.zip http://www.filefactory.com/file/c0ccf48/n/Stage_3_Part_9.zip</p> <p>Stage 4 Part 7.ziphttp://www.filefactory.com/file/c0cc479/n/Stage_4_Part_7.zip</p> <p>Stage 4 Part 8.zip http://www.filefactory.com/file/c0cc5a1/n/Stage_4_Part_8.zip</p> <p>Stage 4 Part 9.zip http://www.filefactory.com/file/c0cc5db/n/Stage_4_Part_9.zip</p> <p>Stage 4 Part 10.zip http://www.filefactory.com/file/c0cc5f8/n/Stage_4_Part_10.zip</p>

Study Guide EE07 & EE011

What to study		Which exercises to do			What practical to do	Resources	
Main study		Additional study For EE07+EE011 +Video	Main exercise				Additional exercises for EE011
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
	UEENEEG033A Solve problems in single and three phase low voltage electrical apparatus and circuits	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1	Study Option 1	EE011 = EE07 + Additional					
See 1 below	See 3 below						
Study Option 2	Study Option 2						
See 2 below	See 4 below						

1		
2		
3	http://www.filefactory.com/file/c0b67b7/n/Electrical_Workshop_Wiring_E001_2_3_4_5_7_8_33_G003_4_7.zip <u>G033</u> http://www.filefactory.com/file/1b2utxydvcx7/n/G033_zip	
4	Wiring_Notes_1. Wiring_Notes_2 Switchboard_Wiring 1Wiring_E033_E008 2Wiring_E033_E008 Fixing Equipments E002_E005.zip Lighting.zip E_trade_1.zip	

	<p>E_trade_2.zip E_trade_3.zip E_trade_4.zip G008_General_Notes_1.zip G008_General_Notes_2.zip Hazard_Identification.zip G003_G004_Wiring_2_Part_1.zip G003_G004_Wiring_2_Part_2.zip Cable_CktProt_E_Accessories.zip Cable_Conduit_E_Accessories.zip Elect_Installation_Protection_Method_Devices.zip Elect_Installation_Requirement_1.zip Elect_Installation_Requirement_1.zip Elect_Installation_Requirement_2.zip ElectricInstallationDesign.zip ElectSystSafety1.zip ElectSystSafety2.zip FireProtHeatingTestingEarthing.zip GeneralWiring.zip HazardLightingPanel.zip PanelRCDWireSpecial_Installation.zip</p> <p>ProtectionMethods.zip</p> <p>In</p> <p>www.electricaldiploma2013.zoomshare.com</p> <p>AUSTRALIAN ELECTRICIAN TRAINING</p>	
5	<p><u>Electrical wiring + Electrical Installation requirement</u></p> <p><u>G003+G004+G007 Lesson 1 Electrical installation protection.zip</u></p> <p><u>http://www.filefactory.com/file/c35d2f2/n/G003_G004_G007_Lesson_1_Electrical_installation_protection.zip</u></p>	

[G003+G004+G007 Lesson 2 Electrical system safety.zip](#)

http://www.filefactory.com/file/cf937ac/n/G003_G004_G007_Lesson_2_Electrical_system_safety.zip

[G003+G004+G007 Lesson 3 Heating+Cable ckt protection exercise.zip](#)

http://www.filefactory.com/file/c0abfe8/n/G003_G004_G007_Lesson_3_Heating_Cable_ckt_protection_exercise.zip

[G003+G004+G007 Lesson 4 Wiring system.zip](#)

http://www.filefactory.com/file/cf939f0/n/G003_G004_G007_Lesson_4_Wiring_system.zip

[G003+G004+G007 Lesson 5 Hazardous area electrical system.zip](#)

http://www.filefactory.com/file/cf94af8/n/G003_G004_G007_Lesson_5_Hazardous_area_electrical_system.zip

[G003+G004+G007 Lesson 6 Overload protection RCD.zip](#)

http://www.filefactory.com/file/cf94bcf/n/G003_G004_G007_Lesson_6_Overload_protection_RCD.zip

[G003+G004+G007 Lesson 7 RCD + Metering.zip](#)

	<p>http://www.filefactory.com/file/cf94cae/n/G003_G004_G007_Lesson_7_RCD_Metering.zip</p> <p>G003+G004+G007 Lesson 8 Switch board installation.zip</p> <p>http://www.filefactory.com/file/cf94c40/n/G003_G004_G007_Lesson_8_Switch_board_installation.zip</p> <p>G003+G004+G007 Lesson 9 Cable selection+Maximum demand.zip</p> <p>http://www.filefactory.com/file/cf94dbb/n/G003_G004_G007_Lesson_9_Cable_selection_Maximum_demand.zip</p> <p>G003+G004+G007 Lesson 10 Electrical installation safety testing.zip</p> <p>http://www.filefactory.com/file/cf94123/n/G003_G004_G007_Lesson_10_Electrical_installation_safety_testing.zip</p> <p>Electrical wiring + Electrical Installation requirement</p>	
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6	Click HERE to download the other exercises	
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7	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p>Assessment</p> <p>Read the above notes files and do the assignments for the following tutorial file.</p> <p>WiringPracticals.zip</p> <p>G003G004Tutorial.zip</p> <p>www.electricaldiploma2013.zoomshare.com</p> <p>AUSTRALIAN ELECTRICIAN TRAINING</p>	
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8	http://www.filefactory.com/file/3qun68epu0lp/n/Advanced_Diploma_in_Electrical_Engineering_Exercises_EE011_pdf	
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9	<p>Attend the face to face class</p> <p>http://www.filefactory.com/file/2f8e3fph9trr/n/G106_G033_Practical_zip</p>	
10	<p>Power Distribution Trade Power_Distribution_Trade.zip</p> <p>Metering Metering.zip</p> <p>PRACTICAL</p> <p>Workshop 2+3</p> <p>WorkShop_Part_2_Practical_1_to_6_.zip</p> <p>WorkShop_Part_2_Practical_7_to_12_.zip</p> <p>WorkShop_Part_2_Practical_13_to_17_.zip</p> <p>WorkShop_Part_2_Practical_18_to_21_.zip</p> <p>ElectricalWorkshopPart3_G008_Group1Machine_.zip</p> <p>ElectricalWorkshopPart3_G008_Group2LineProtection_.zip</p> <p>ElectricalWorkshopPart3_G008_Group3InstrumentsDevices_.zip</p> <p>OTHER PRACTICALS</p> <p>ELECTRICAL_WORKSHOP_PART_2_G003_G004_G009_.zip</p> <p>Electrical_Workshop_Part_2_Practical_1_to_18.zip</p> <p>Electrical_Workshop_Part_2_Practical_19_to_21.zip</p> <p>G003_G004_G009Practicals.pdf</p>	

	<p>In</p> <p>www.electricaldiploma2013.zoomshare.com</p> <p>AUSTRALIAN ELECTRICIAN TRAINING</p>	
11	<p><u>BACK UP FOR 9 & 10</u></p> <p>Stage 2 Part 1B.zip http://www.filefactory.com/file/c0ccac0/n/Stage_2_Part_1B.zip</p> <p>Stage 2 Part 3.zip http://www.filefactory.com/file/c0ccb1f/n/Stage_2_Part_3.zip</p> <p>Stage 2 Part 6.zip http://www.filefactory.com/file/c0cccc0/n/Stage_2_Part_6.zip</p> <p>Stage 3 Part 3.zip http://www.filefactory.com/file/c0ccd44/n/Stage_3_Part_3.zip</p> <p>Stage 3 Part 4.zip http://www.filefactory.com/file/c0ccd9a/n/Stage_3_Part_4.zip</p> <p>Stage 3 Part 5.ziphttp://www.filefactory.com/file/c0ccefd/n/Stage_3_Part_5.zip</p> <p>Stage 3 Part 8.zip http://www.filefactory.com/file/c0ccf09/n/Stage_3_Part_8.zip</p> <p>Stage 3 Part 9.zip http://www.filefactory.com/file/c0ccf48/n/Stage_3_Part_9.zip</p> <p>Stage 4 Part 7.ziphttp://www.filefactory.com/file/c0cc479/n/Stage_4_Part_7.zip</p> <p>Stage 4 Part 8.zip http://www.filefactory.com/file/c0cc5a1/n/Stage_4_Part_8.zip</p> <p>Stage 4 Part 9.zip http://www.filefactory.com/file/c0cc5db/n/Stage_4_Part_9.zip</p> <p>Stage 4 Part 10.zip http://www.filefactory.com/file/c0cc5f8/n/Stage_4_Part_10.zip</p>	

Study Guide EE07 & EE011

What to study		Which exercises to do			What practical to do	Resources	
Main study		Additional study For EE07+EE011 +Video	Main exercise		Additional exercises for EE011		
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
	UEENEEG108A Trouble-shoot and repair faults in low voltage electrical apparatus and circuits	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1	Study Option 1	EE011 = EE07 + Additional					
See 1 below	See 3 below						
Study Option 2	Study Option 2						
See 2 below	See 4 below						

1	
2	
3	
4	<p>G008_General_Notes_1.zip G008_General_Notes_2.zip MachineControlCkt1.zip MachineControlCkt2.zip</p> <p>MachineControlCkt3.zip MachineRepair1.zip MachineRepair2.zip MachineRepair3.zip</p> <p>ProcessControlCkt1.zip ProcessControlCkt2.zip ProcessControlCkt3.zip</p> <p>ESI_8_Insulation_1 ESI_8_Insulation_2 ESI_9.1_Protection_Relay_Construction</p> <p>ESI_9.2Test_Equipment ESI_33.1_Power_Quality_Concept ESI_33.2_Harmonic_in_capacitor</p> <p>ESI_33.3_Harmoniceffect_on_machines ESI_3.1_HV_Measurement_Cable_Test.zip</p> <p>ESI_3.2_Magnetic_measurement.zip ESI_3.3_Power_measurement.zip</p>

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
ESI_4_11_Power_Transformer.zip ESI_5_Machinery_Installation.zip ESI_7_Drawing_Switching_Diagram.zip
ESI_7_Electrical_Installation_Design.zip
ESI10.1_HV equipments.zip
ESI10.2_Substation equipments.zip
ESI12_14_Harmonic.zip
ESI12_14_Reactor.zip
ESI12_14_Syn_Motor_Generator.zip
ESI_13_Voltage_regulation_devices.zip
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5 [Fault finding + Electrical control equipments G008+G009](#)

[G008+G009 Lesson 1 AC Machine+AC motor control.zip](#)

	<p>http://www.filefactory.com/file/c0a683c/n/G008_G009_Lesson_1_AC_Machine_AC_motor_control.zip</p> <p>G008+G009 Lesson 2 Synchronous machine+DC machine+Transformer.zip</p> <p>http://www.filefactory.com/file/c0a7ad3/n/G008+G009_Lesson_2_Synchronous_machine+DC_machine+Transformer.zip</p>
6	
7	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p>Class test</p>
8	<p>PRACTICAL</p> <p>Workshop 2+3</p> <p>WorkShop_Part_2_Practical_1_to_6_.zip WorkShop_Part_2_Practical_7_to_12_.zip WorkShop_Part_2_Practical_13_to_17_.zip</p> <p>WorkShop_Part_2_Practical_18_to_21_.zip</p> <p>ElectricalWorkshopPart3_G008_Group1Machine_.zip ElectricalWorkshopPart3_G008_Group2LineProtection_.zip</p> <p>ElectricalWorkshopPart3_G008_Group3InstrumentsDevices_.zip</p> <p>OTHER PRACTICALS</p> <p>ELECTRICAL_WORKSHOP_PART_2_G003_G004_G009_.zip</p> <p>Electrical_Workshop_Part_2_Practical_1_to_18.zip Electrical_Workshop_Part_2_Practical_19_to_21.zip</p> <p>G003_G004_G009Practicals.pdf</p> <p>In</p> <p>www.electricaldiploma2013.zoomshare.com</p> <p>AUSTRALIAN ELECTRICIAN TRAINING</p>

9	EE07 & EE011 units mapping for Theory study & Exercises Attend the face to face class
10	
11	<u>BACK UP FOR 4</u> Stage 3 Part 3.zip http://www.filefactory.com/file/c0ccd44/n/Stage_3_Part_3.zip Stage 4 Part 15.zip http://www.filefactory.com/file/c0cc7cb/n/Stage_4_Part_15.zip Stage 4 Part 17.zip http://www.filefactory.com/file/c0cc76b/n/Stage_4_Part_17.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

Study Guide EE07 & EE011

What to study		Which exercises to do			What practical to do	Resources
Main study		Additional study For EE07+EE011 +Video	Main exercise		Additional exercises for EE011	
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07		
	UEENEEG109A Develop and connect electrical control circuits	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below See 10 below
Study Option 1	Study Option 1	EE011 = EE07 + Additional				
See 1 below	See 3 below					
Study Option 2	Study Option 2					
See 2 below	See 4 below					

1	
2	
3	
4	G009.zip G043_G045_7762AF_Notes G043_G045_Part_1_7762AF_Notes 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 H085_66_I006_Note_9_Process_Control_2

ProcessControlCkt1.zip

ProcessControlCkt2.zip

ProcessControlCkt3.zip

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

ESI_27_1_Relay_Principle_1.zip

ESI_27_1_Relay_Principle_2.zip

ESI_27_1_Relay_Principle_3.zip

ESI_27.2_Element_of_Relay_Protection.zip

ESI12_14_Syn_Motor_Generator.zip

ESI_19.1_Computer_Control.zip

ESI_19.4_Turbine_Control.zip

ESI_22.2_Voltage_surge_control.zip

In

[Stage 4 Part 14.zip](#)

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

[Stage 4 Part 15.zip](#)

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

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

	<p>http://www.filefactory.com/file/c0cc226/n/Stage_4_Part_1A.zip</p> <p>&</p> <p>www.electricaldiploma2013.zoomshare.com</p> <p>ADVANCED DIPLOMA OF ELECTRICITY SUPPLY INDUSTRY</p>
5	<p><u>Fault finding + Electrical control equipments G008+G009</u></p> <p>G008+G009 Lesson 1 AC Machine+AC motor control.zip</p> <p>http://www.filefactory.com/file/c0a683c/n/G008_G009_Lesson_1_AC_Machine_AC_motor_control.zip</p> <p>G008+G009 Lesson 2 Synchronous machine+DC machine+Transformer.zip</p> <p>http://www.filefactory.com/file/c0a7ad3/n/G008+G009_Lesson_2_Synchronous_machine+DC_machine+Transformer.zip</p>
6	
7	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p>Concurrently assessed with G043+G045+I006 & relevant EE011 units</p>
8	<p>http://www.filefactory.com/file/3qun68epu0lp/n/Advanced_Diploma_in_Electrical_Engineering_Exercises_EE011_pdf</p>
9	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p>Attend face to face session</p> <p>PRACTICAL</p> <p>Workshop 2+3</p> <p>WorkShop_Part_2_Practical_1_to_6_.zip</p> <p>WorkShop_Part_2_Practical_7_to_12_.zip</p> <p>WorkShop_Part_2_Practical_13_to_17_.zip</p> <p>WorkShop_Part_2_Practical_18_to_21_.zip</p>

	<p>ElectricalWorkshopPart3_G008_Group1Machine_.zip</p> <p>ElectricalWorkshopPart3_G008_Group2LineProtection_.zip</p> <p>ElectricalWorkshopPart3_G008_Group3InstrumentsDevices_.zip</p> <p>OTHER PRACTICALS</p> <p>ELECTRICAL_WORKSHOP_PART_2_G003_G004_G009_.zip</p> <p>Electrical_Workshop_Part_2_Practical_1_to_18.zip</p> <p>Electrical_Workshop_Part_2_Practical_19_to_21.zip</p> <p>G003_G004_G009Practicals.pdf</p> <p>www.electricaldiploma2013.zoomshare.com</p> <p>AUSTRALIAN ELECTRICIAN TRAINING</p>
10	
11	<p><u>BACK UP FOR 9 & 10</u></p> <p>Stage 3 Part 3.zip http://www.filefactory.com/file/c0ccd44/n/Stage_3_Part_3.zip</p> <p>Stage 4 Part 15.zip http://www.filefactory.com/file/c0cc7cb/n/Stage_4_Part_15.zip</p> <p>Stage 4 Part 17.zip http://www.filefactory.com/file/c0cc76b/n/Stage_4_Part_17.zip</p> <p>Stage 4 Part 7.zip http://www.filefactory.com/file/c0cc479/n/Stage_4_Part_7.zip</p> <p>Stage 4 Part 14.zip http://www.filefactory.com/file/c0cc684/n/Stage_4_Part_14.zip</p>

Study Guide EE07 & EE011

What to study		Which exercises to do			What practical to do	Resources	
Main study		Additional study For EE07+EE011 +Video	Main exercise				Additional exercises for EE011
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
UEENEEG001B Solve problems in electromagnetic circuits	UEENEEG101A Solve problems in electromagnetic devices and related circuits	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1	Study Option 1	EE011 = EE07 + Additional					
See 1 below	See 3 below						
Study Option 2	Study Option 2						
See 2 below	See 4 below						

1	http://www.filefactory.com/file/c0b6601/n/Elect_Fundamental_E029_G012_G001_G002_G060.zip
2	Stage 1 Part 4.zip http://www.filefactory.com/file/c0cc1cd/n/Stage_1_Part_4.zip G001_Part_1 G001_Part_2
3	http://www.filefactory.com/file/c0b6601/n/Elect_Fundamental_E029_G012_G001_G002_G060.zip
4	Stage 1 Part 4.zip http://www.filefactory.com/file/c0cc1cd/n/Stage_1_Part_4.zip G001_Part_1 G001_Part_2
5	Electro-magnetism http://www.filefactory.com/file/cf9b277/n/G001.zip
6	Click HERE to download the other exercises
7	EE07 & EE011 units mapping for Theory study & Exercises
8	http://www.filefactory.com/file/3qun68epu0lp/n/Advanced_Diploma_in_Electrical_Engineering_Exercises_EE011.pdf

9	EE07 & EE011 units mapping for Theory study & Exercises Practicals Work performance and practical instruction Click HERE to download practicals
10	
11	<u>BACK UP FOR 2 & 4</u> <u>Stage 1 Part 4.zip</u> http://www.filefactory.com/file/c0cc1cd/n/Stage_1_Part_4.zip

Study Guide EE07 & EE011

What to study		Which exercises to do			What practical to do	Resources	
Main study		Additional study For EE07+EE011 +Video	Main exercise				Additional exercises for EE011
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
UEENEEG002B Solve problems in low voltage a.c. circuits	UEENEEG102A Solve problems in low voltage a.c. circuits	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1 See 1 below	Study Option 1 See 3 below	EE011 = EE07 + Additional					
Study Option 2 See 2 below	Study Option 2 See 4 below						

1	http://www.filefactory.com/file/c0b6601/n/Elect Fundamental E029 G012 G001 G002 G060.zip
2	G002+G006
3	http://www.filefactory.com/file/c0b6601/n/Elect Fundamental E029 G012 G001 G002 G060.zip
4	G002+G006
5	G002 Lesson 1 Sine wave and it's values.zip http://www.filefactory.com/file/c0ad22c/n/G002_Lesson_1_Sine_wave_and_it_s_values.zip G002_Lesson_2_AC_RL+RC_Series_circuits.zip

	<p>http://www.filefactory.com/file/c0ad67c/n/G002_Lesson_2_AC_RL+RC_Series_circuits.zip</p> <p>G002 Lesson 3 AC Series RLC circuits.zip</p> <p>http://www.filefactory.com/file/c0ad35d/n/G002_Lesson_3_AC_Series_RLC_circuits.zip</p> <p>G002 Lesson 4 AC Parallel circuits.zip</p> <p>http://www.filefactory.com/file/c0ad4f3/n/G002_Lesson_4_AC_Parallel_circuits.zip</p> <p>G002 Lesson 5 Three phase circuit basics.zip</p> <p>http://www.filefactory.com/file/c0ad468/n/G002_Lesson_5_Three_phase_circuit_basics.zip</p> <p>G002 Lesson 6 Balanced three phase circuit.zip</p> <p>http://www.filefactory.com/file/c0ad5d9/n/G002_Lesson_6_Balanced_three_phase_circuit.zip</p>
6	Click HERE to download the other exercises
7	EE07 & EE011 units mapping for Theory study & Exercises
8	http://www.filefactory.com/file/3qun68epu0lp/n/Advanced_Diploma_in_Electrical_Engineering_Exercises_EE011_pdf
9	<p>E07 & EE011 units mapping for Theory study & Exercises</p> <p>Practicals Work performance and practical instruction Work performance + Practical Instruction Back up</p> <p>Click HERE to download practicals</p>
10	
11	<p>BACK UP FOR 2 & 4</p> <p>Stage 1 Part 4.zip http://www.filefactory.com/file/c0cc1cd/n/Stage_1_Part_4.zip</p>

Study Guide EE07 & EE011

What to study		Which exercises to do				What practical to do	Resources
Main study		Additional study For EE07+EE011 +Video	Main exercise		Additional exercises for EE011		
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
	UEENEED104A Use engineering applications software on personal computers	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1	Study Option 1	EE011 = EE07 + Additional					
See 1 below	See 3 below						
Study Option 2	Study Option 2						
See 2 below	See 4 below						

1	
2	
3	
4	<p>Additional 1.zip</p> <p>http://www.filefactory.com/file/c0cc0f7/n/Additional_1.zip</p> <p>Industrial Computer System</p> <p>Additional 2.zip</p> <p>http://www.filefactory.com/file/c0cb59c/n/Additional_2.zip</p> <p>Electronic Software Tools</p>
5	
6	

7	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p><u>Option (3) Access the above site, do the exercises and submit the evidence in CD to apply for RPL</u></p>
8	<p>http://www.filefactory.com/file/3qun68epu0lp/n/Advanced_Diploma_in_Electrical_Engineering_Exercises_EE011_pdf</p>
9	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p><u>Gap training (1)</u></p> <p>Download the software SMART DRAW 2010 from www.google.com</p> <p>and perform the following exercises and submit</p> <p>Stage 4 Part 12.zip http://www.filefactory.com/file/c0cc566/n/Stage_4_Part_12.zip</p> <p>1WiringInstallationDrawing 7MachineDriveSystems 8PowerElectronicsDevices AutoCAD_2D_3D_Lessons</p> <p>Stage 4 Part 11.zip http://www.filefactory.com/file/c0cc540/n/Stage_4_Part_11.zip</p> <p>Symbol A Symbol B Symbol C Symbol D Symbol E Symbol F Symbol G in</p> <p>Stage 4 Part 22.zip http://www.filefactory.com/file/c0cc83e/n/Stage_4_Part_22.zip</p> <p>PLU S</p> <p><u>Gap training (2)</u></p> <p>Access www.electricaldiploma2013.zoomshare.com</p> <p>Then download the followings</p>

	<p><u>Work performance and practical instruction</u> Click HERE to download practicals</p> <p>From the practical folder, Open Practical Worksheets then open 3.Compulsory Practicals</p> <p>From the following folders, enter data into Excel worksheet and plot the graph.</p> <p>Also study how to enter the formula & graphing program</p> <p>3-1 DC Variable Speed Drive,</p> <p>3-2 Amplifier Gain,</p> <p>3-4 Over Current Relay,</p> <p>3-5 Rectifier,</p> <p>3-7 Three Terminal Regulator,</p> <p>3-8 Current to Voltage Transducer,</p> <p>3-9 Effect of transformer on power line,</p> <p>3-11 Variable dc drive with rectifier</p>
10	
11	<p><u>BACK UP FOR 4 & 9</u></p> <p>Additional 1.zip http://www.filefactory.com/file/c0cc0f7/n/Additional_1.zip</p> <p>Additional 2.zip http://www.filefactory.com/file/c0cb59c/n/Additional_2.zip</p>

Study Guide EE07 & EE011

What to study		Which exercises to do			What practical to do	Resources	
Main study		Additional study For EE07+EE011 +Video	Main exercise				Additional exercises for EE011
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
UEENEEE011C Manage risk in electrotechnology activities	UEENEEE011C Manage risk in electrotechnology activities	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1	Study Option 1	EE011 = EE07 + Additional					
See 1 below	See 3 below						
Study Option 2	Study Option 2						
See 2 below	See 4 below						

1	http://www.filefactory.com/file/c0b7b84/n/Project_specification_planning_management_Risk_OHS.G069_G070_E071_E011_E017.zip
2	RiskManagement.pdf E011E017note1 E011E017note2 E011_E017Notes3.zip In Stage 4 Part 13.zip http://www.filefactory.com/file/c0cc6c1/n/Stage_4_Part_13.zip
3	http://www.filefactory.com/file/c0b7b84/n/Project_specification_planning_management_Risk_OHS.G069_G070_E071_E011_E017.zip
4	RiskManagement.pdf E011E017note1 E011E017note2 E011_E017Notes3.zip

	In Stage 4 Part 13.zip http://www.filefactory.com/file/c0cc6c1/n/Stage_4_Part_13.zip
5	Video- http://www.filefactory.com/file/cf8750b/n/E011+E017.zip
6	Click HERE to download the other exercises
7	EE07 & EE011 units mapping for Theory study & Exercises Stage 4 Part 13.zip http://www.filefactory.com/file/c0cc6c1/n/Stage_4_Part_13.zip Risk Management Assignment E011_E017_Assignment
8	http://www.filefactory.com/file/3qun68epu0lp/n/Advanced_Diploma_in_Electrical_Engineering_Exercises_EE011_pdf
9	E07 & EE011 units mapping for Theory study & Exercises
10	
11	<u>BACK UP FOR 2 & 4</u> Stage 4 Part 13.zip http://www.filefactory.com/file/c0cc6c1/n/Stage_4_Part_13.zip

Study Guide EE07 & EE011

What to study		Additional study For EE07+EE011 +Video	Which exercises to do		What practical to do	Resources	
Main study			Main exercise				
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
UEENEEG069B Manage electrical projects UEENEEG070B Plan electrical projects UEENEEE024C Compile and produce an electrotechnology report	UEENEEE015B Develop design briefs for electrotechnology projects UEENEEG169A Manage large electrical projects UEENEEG170A Plan large electrical projects UEENEEE124A Compile and produce an energy sector detailed report	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1	Study Option 1	EE011 = EE07 + Additional					
See 1 below	See 3 below						
Study Option 2	Study Option 2						
See 2 below	See 4 below						

1	http://www.filefactory.com/file/c0b7b84/n/Project_specification_planning_management_Risk_OHS.G069_G070_E071_E011_E017.zip
2	http://www.filefactory.com/file/7e0lw2mcjqub/RiskManagement.pdf http://www.filefactory.com/file/6am1c5uw8es3/Project_Management_Tutorial.zip http://www.filefactory.com/file/3jm574ws897h/G069_G070Part4.zip http://www.filefactory.com/file/4pz94d1q8ajr/G069_G070Part3.zip http://www.filefactory.com/file/2rmd3nr7tgj/G069_G070Part2.zip http://www.filefactory.com/file/45c8upnszkoh/G069_G070Part1.zip http://www.filefactory.com/file/25bz2p5akwe5/Estimating3.zip http://www.filefactory.com/file/74qq3040lk55/Estimating2.zip

	<p>http://www.filefactory.com/file/4tsetlg3e28d/Estimating1.zip</p> <p>http://www.filefactory.com/file/3q1tcowjify3/E071UGCableSpecification_Wk9-10-11_.zip</p> <p>http://www.filefactory.com/file/9s6p0266u1d/E071TelecomDatacom_Wk12_.zip</p> <p>http://www.filefactory.com/file/6w07c6lmcgx9/E071Switching_Wk13_.zip</p> <p>http://www.filefactory.com/file/7gq5vgzz7lod/E071LVOverheadConductor_Wk4-5_.zip</p> <p>http://www.filefactory.com/file/424wnmucffv/E071General_Wiring_Wk7-8_.zip</p> <p>http://www.filefactory.com/file/4g1lemfvvw0t/E071DesignStdOHDevelopment_Wk14-16_.zip</p> <p>http://www.filefactory.com/file/46wtgm29d7ub/E071DesiE071HVOverheadConductors_Wk2-3_.zip</p> <p>http://www.filefactory.com/file/31s0kyqjmrab/E024_ProjectInstruction.zip</p> <p>http://www.filefactory.com/file/2ity9z16kad9/Costing_Quotation.zip</p> <p>http://www.filefactory.com/file/fg5q8lpedej/1WiringInstallationDrawing.zip</p>
3	<p>http://www.filefactory.com/file/c0b7b84/n/Project_specification_planning_management_Risk_OHS.G069_G070_E071_E011_E017.zip</p>
4	<p>http://www.filefactory.com/file/7e0lw2mcjqub/RiskManagement.pdf</p> <p>http://www.filefactory.com/file/6am1c5uw8es3/Project_Management_Tutorial.zip</p> <p>http://www.filefactory.com/file/3jm574ws897h/G069_G070Part4.zip</p> <p>http://www.filefactory.com/file/4pz94d1q8ajr/G069_G070Part3.zip</p> <p>http://www.filefactory.com/file/2rmd3nr7tj/G069_G070Part2.zip</p> <p>http://www.filefactory.com/file/45c8upnszkoh/G069_G070Part1.zip</p> <p>http://www.filefactory.com/file/25bz2p5akwe5/Estimating3.zip</p> <p>http://www.filefactory.com/file/74qq3040lk55/Estimating2.zip</p> <p>http://www.filefactory.com/file/4tsetlg3e28d/Estimating1.zip</p> <p>http://www.filefactory.com/file/3q1tcowjify3/E071UGCableSpecification_Wk9-10-11_.zip</p> <p>http://www.filefactory.com/file/9s6p0266u1d/E071TelecomDatacom_Wk12_.zip</p>

	<p>http://www.filefactory.com/file/6w07c6lmcgx9/E071Switching_Wk13_.zip</p> <p>http://www.filefactory.com/file/7gq5vgzz7lod/E071LVOverheadConductor_Wk4-5_.zip</p> <p>http://www.filefactory.com/file/424wnmucffvv/E071General_Wiring_Wk7-8_.zip</p> <p>http://www.filefactory.com/file/4g1lemfvvw0t/E071DesignStdOHDevelopment_Wk14-16_.zip</p> <p>http://www.filefactory.com/file/46wtgm29d7ub/E071DesiE071HVOverheadConductors_Wk2-3_.zip</p> <p>http://www.filefactory.com/file/31s0kyqjmrab/E024_ProjectInstruction.zip</p> <p>http://www.filefactory.com/file/2ity9z16kad9/Costing_Quotation.zip</p> <p>http://www.filefactory.com/file/fg5q8lpedej/1WiringInstallationDrawing.zip</p>
5	<p><u>Project Specifications+ Project Planning +Project Management (1)</u></p> <p>E071+G069+G070Part1.zip</p> <p>http://www.filefactory.com/file/cf91ac4/n/E071_G069_G070Part1.zip</p> <p><u>Project Specifications+ Project Planning +Project Management (2)</u></p> <p>E071+G069+G070Part2.zip</p>
6	<p>Click HERE to download the other exercises</p>
7	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p>Project_Management_Tutorial.zip In</p> <p>Stage 4 Part 20.zip</p> <p>http://www.filefactory.com/file/c0cc9b4/n/Stage_4_Part_20.zip</p>
8	<p>http://www.filefactory.com/file/3qun68epu0lp/n/Advanced_Diploma_in_Electrical_Engineering_Exercises_EE011.pdf</p>
9	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p>Project Management +Specification Delivery & Assessment Plan</p>
10	<p>Power project 1.pdf</p>

	Power project 2.pdf Projectplanning and management.zip
11	<p><u>BACK UP FOR 2, 4 9 & 10</u></p> <p>Stage 4 Part 15.zip http://www.filefactory.com/file/c0cc7cb/n/Stage_4_Part_15.zip</p>

Study Guide EE07 & EE011

What to study		Which exercises to do			What practical to do	Resources	
Main study		Additional study For EE07+EE011 +Video	Main exercise		Additional exercises for EE011		
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
UEENEEE071B Write specifications for electrical engineering projects	UEENEEE071B Write specifications for electrical engineering projects	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1 See 1 below	Study Option 1 See 3 below	EE011 = EE07 + Additional					
Study Option 2 See 2 below	Study Option 2 See 4 below						

1	http://www.filefactory.com/file/c0b7b84/n/Project_specification_planning_management_Risk_OHS.G069_G070_E071_E011_E017.zip
2	E071 Class Teaching Lessons E071DesiE071HVOverheadConductors_Wk2-3_.zip

	<p>E071LVOverheadConductor_Wk4-5_.zip</p> <p>E071Hazard_Identification_Wk6_.zip</p> <p>E071General_Wiring_Wk7-8_.zip</p> <p>E071UGCableSpecification_Wk9-10-11_.zip</p> <p>E071TelecomDatacom_Wk12_.zip</p> <p>E071Switching_Wk13_.zip</p> <p>E071DesignStdOHDevelopment_Wk14-16_.zip</p> <p>in</p> <p>Stage 4 Part 14.zip</p> <p>http://www.filefactory.com/file/c0cc684/n/Stage_4_Part_14.zip</p>
3	<p>http://www.filefactory.com/file/c0b7b84/n/Project_specification_planning_management_Risk_OHS.G069_G070_E071_E011_E017.zip</p>
4	<p>As in 2</p>
5	<p><u>Project Specifications+ Project Planning +Project Management (1)</u></p> <p>E071+G069+G070Part1.zip</p> <p>http://www.filefactory.com/file/cf91ac4/n/E071_G069_G070Part1.zip</p> <p><u>Project Specifications+ Project Planning +Project Management (2)</u></p> <p>E071+G069+G070Part2.zip</p>

	<p>http://www.filefactory.com/file/cf91da1/n/E071+G069+G070Part2.zip</p>
6	<p>Click HERE to download the other exercises</p>
7	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p>E071_MEM09004_Tutorial E071_MEM09004_Tutorial_Mod.zip</p> <p>Propose_strategies_to_identify_client_needs_1.pdf</p> <p>Stage 4 Part 14.zip</p> <p>http://www.filefactory.com/file/c0cc684/n/Stage_4_Part_14.zip</p>
8	<p>http://www.filefactory.com/file/3qun68epu0lp/n/Advanced_Diploma_in_Electrical_Engineering_Exercises_EE011_pdf</p>
9	<p>EE07 & EE011 units mapping for Theory study & Exercises</p>
10	<p>Costing_Quotation.zip</p> <p>In</p> <p>Stage 4 Part 13.zip</p> <p>http://www.filefactory.com/file/c0cc6c1/n/Stage_4_Part_13.zip</p>
11	<p><u>BACK UP FOR 2, 5, 7 & 10</u></p> <p>Stage 4 Part 7.zip http://www.filefactory.com/file/c0cc479/n/Stage_4_Part_7.zip</p> <p>Stage 4 Part 11.zip http://www.filefactory.com/file/c0cc540/n/Stage_4_Part_11.zip</p> <p>Stage 4 Part 12.zip http://www.filefactory.com/file/c0cc566/n/Stage_4_Part_12.zip</p> <p>Stage 4 Part 13.zip http://www.filefactory.com/file/c0cc6c1/n/Stage_4_Part_13.zip</p>

Study Guide EE07 & EE011

What to study		Which exercises to do			What practical to do	Resources	
Main study		Additional study For EE07+EE011 +Video	Main exercise				Additional exercises for EE011
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
MEM09004B Perform electrical/electronic detail drafting	UEENEEG179A Develop detailed electrical drawings	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1	Study Option 1	EE011 = EE07 + Additional					
See 1 below	See 3 below						
Study Option 2	Study Option 2						
See 2 below	See 4 below						

1	
2	ElectricalDrawing1.zip ElectricalDrawing2.zip ElectricalDrawing3.pdf GeneralDrawing1.zip GeneralDrawing2.zip ElectricInstallationDesign.zip ElectSystSafety1.zip ElectSystSafety2.zip

FireProtHeatingTestingEarthing.zip

GeneralWiring.zip

HazardLightingPanel.zip

PanelRCDWireSpecial_Installation.zip

6-ElectricalDrawing

12-Specifications

13-BSpecifications

14-Specifications Propose_strategies_to_identify_client_needs_1.pdf

1WiringInstallationDrawing

7MachineDriveSystems

8PowerElectronicsDevices AutoCAD_2D_3D_Lessons

Symbol A

Symbol B

Symbol C

Symbol D

Symbol E

	<p>Symbol F</p> <p>Symbol G</p> <p>In</p> <p>Stage 4 Part 22.zip http://www.filefactory.com/file/c0cc83e/n/Stage_4_Part_22.zip</p> <p>Stage 1 Part 3.zip http://www.filefactory.com/file/c0cb8f5/n/Stage_1_Part_3.zip</p> <p>Stage 1 Part 4.zip http://www.filefactory.com/file/c0cc1cd/n/Stage_1_Part_4.zip</p>
3	
4	As in 2
5	
6	<p>Download the software SMART DRAW 2010 from www.google.com</p> <p>and perform the following exercises and submit</p> <p>AutoCAD_2D_3D_Lessons</p> <p>Symbol A</p> <p>Symbol B</p> <p>Symbol C</p> <p>Symbol D</p> <p>Symbol E</p> <p>Symbol F</p> <p>Symbol G</p> <p>E071_MEM09004_Tutorial</p> <p>MEM09004-Electronics Drawing</p> <p>Electronics_Drawing.zip</p> <p>In</p>

	Stage 4 Part 1A.zip http://www.filefactory.com/file/c0cc226/n/Stage_4_Part_1A.zip
7	EE07 & EE011 units mapping for Theory study & Exercises
8	http://www.filefactory.com/file/3qun68epu0lp/n/Advanced_Diploma_in_Electrical_Engineering_Exercises_EE011_pdf
9	E07 & EE011 units mapping for Theory study & Exercises
10	http://www.filefactory.com/file/46wtgm29d7ub/E071DesiE071HVOverheadConductors_Wk2-3_.zip
11	<p><u>BACK UP FOR 2, 6 & 10</u></p> <p>Stage 4 Part 7.zip http://www.filefactory.com/file/c0cc479/n/Stage_4_Part_7.zip</p> <p>Stage 4 Part 11.zip http://www.filefactory.com/file/c0cc540/n/Stage_4_Part_11.zip</p> <p>Stage 4 Part 12.zip http://www.filefactory.com/file/c0cc566/n/Stage_4_Part_12.zip</p> <p>Stage 4 Part 13.zip http://www.filefactory.com/file/c0cc6c1/n/Stage_4_Part_13.zip</p>

Study Guide EE07 & EE011

What to study		Which exercises to do				What practical to do	Resources
Main study		Additional study For EE07+EE011 +Video	Main exercise		Additional exercises for EE011		
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
UEENEEE025B Solve problems in complex multiple path circuits UEENEEG048B Solve problems in complex multiple path power circuits	UEENEEE125A Provide engineering solutions for problems in complex multiple path circuit	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1	Study Option 1	EE011 = EE07 + Additional					
See 1 below	See 3 below						
Study Option 2	Study Option 2						
See 2 below	See 4 below						

1	http://www.filefactory.com/file/c0b6512/n/Circuit_G048_E025.zip
2	Circuit Class Lessons
3	http://www.filefactory.com/file/c0b6512/n/Circuit_G048_E025.zip
4	Circuit Class Lessons
5	<p>Advanced Electrical Circuits http://www.filefactory.com/file/cf8775d/n/E025.zip</p> <p>Power circuit analysis</p> <p>G048 Lesson 1 Mesh analysis+Source conversion.zip</p> <p>http://www.filefactory.com/file/c0b0d29/n/G048_Lesson_1_Mesh_analysis_Source_conversion.zip</p> <p>G048 Lesson 2 Thevenin Theorem.zip</p>

	<p>http://www.filefactory.com/file/c0b0d8f/n/G048_Lesson_2_Thevenin_Theorem.zip</p> <p>G048 Lesson 3 Nodal Analysis.zip</p> <p>http://www.filefactory.com/file/c0b0e54/n/G048_Lesson_3_Nodal_Analysis.zip</p> <p>G048 Lesson 4 Superposition Theorem.zip</p> <p>http://www.filefactory.com/file/c0b0fa4/n/G048_Lesson_4_Superposition_Theorem.zip</p> <p>G048 Lesson 5 AC Network Analysis.zip</p> <p>http://www.filefactory.com/file/c0b0532/n/G048_Lesson_5_AC_Network_Analysis.zip</p> <p>G048 Lesson 6 Transient Circuit.zip</p> <p>http://www.filefactory.com/file/c0b0012/n/G048_Lesson_6_Transient_Circuit.zip</p>
6	Click HERE to download the other exercises
7	EE07 & EE011 units mapping for Theory study & Exercises
8	http://www.filefactory.com/file/3qun68epu0lp/n/Advanced_Diploma_in_Electrical_Engineering_Exercises_EE011_pdf
9	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p>Click HERE to download the practicals</p>
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11	<p><u>BACK UP FOR 2 & 4</u></p> <p>Stage 2 Part 3.zip http://www.filefactory.com/file/c0ccb1f/n/Stage_2_Part_3.zip</p> <p>Stage 3 Part 2.zip http://www.filefactory.com/file/c0ccdbc/n/Stage_3_Part_2.zip</p>
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Study Guide EE07 & EE011

What to study		Which exercises to do		What practical to do	Resources		
Main study		Main exercise					
EE07 Unit	EE011 Unit	Additional study For EE07+EE011 +Video	Study Option (1) EE-07	Study Option (2) EE-07	Additional exercises for EE011		
UEENEEG049B Solve problems in complex polyphase power circuits	UEENEEG149A Provide engineering solutions to problems in complex polyphase power circuits	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1	Study Option 1	EE011 = EE07 + Additional					
See 1 below	See 3 below						
Study Option 2	Study Option 2						
See 2 below	See 4 below						

1	<p>G049 Lesson 1 Basic three phase circuit.zip</p> <p>G049 Lesson 2 Three phase star delta.zip</p> <p>G049 Lesson 3 Three phase power measurement.zip</p> <p>G049 Lesson 4 Three phase 4 wires unbalanced load.zip</p>
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	<p>G049 Lesson 5 Three phase 3 wires unbalanced load.zip</p> <p>G049 Lesson 6 Three phase power by 2 watt meters.zip</p> <p>G049 Lesson 7 Three phase fault.zip</p> <p>G049 Lesson 8 Three phase fault calculation table.zip</p> <p>G049 Lesson 9 Fault calculation.zip</p> <p>G049 Lesson 10 Sequence network.zip</p>
2	<p>G049_7762AB_7761M_Notes</p> <p>Phase AC Supply Handout</p> <p>Connection of balanced three phase loads handout</p> <p>Star delta conversion handout</p> <p>Connection of unbalanced three phase loads</p> <p>Power and energy in ac circuit handout</p> <p>Watt meter handout</p> <p>Three Phase Power Handout</p> <p>Power factor correction handout</p> <p>High voltage transmission line losses handout</p> <p>Symmetrical components handout</p> <p>Distribution of fault currents through power system handout</p>

Phase sequence diagrams for power systems handout

Phase sequence detectors handout,

Fault calculations on power system handout

in

Stage 2 Part 3.zip

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

<http://www.filefactory.com/file/1bp3sz59qqr/n/PowerFactorCorrection.htm>

<http://www.filefactory.com/file/1qhwc9rkkqwj/n/SymmetricalComponents.htm>

<http://www.filefactory.com/file/1swqgc6ep9g1/n/HighVoltageTransmissionLineLosses.htm>

<http://www.filefactory.com/file/2qefgfuacwb/n/ConnectionOfBalanced3PhaseLoad.htm>

http://www.filefactory.com/file/35m3bd38cwch/n/G049_7762AB_7761M_Notes.doc

<http://www.filefactory.com/file/3cqqxtor5nrl/n/ThreePhasePower.htm>

<http://www.filefactory.com/file/3fq7lf8tbzdn/n/PhaseSequenceDetectors.htm>

<http://www.filefactory.com/file/4jx1m9ggcbe9/n/StarDeltaConversion.htm>

<http://www.filefactory.com/file/5971a1e590ol/n/FaultCalculationOnPowerSystem.htm>

<http://www.filefactory.com/file/6isxgy7q8igb/n/WattMeters.htm>

<http://www.filefactory.com/file/byyt2az2atf/n/3PhaseACSupply.htm>

<http://www.filefactory.com/file/hzonwv2fpp/n/DistributionOfFaultCurrentThroughPowerSystems.htm>

3	AS 1
4	AS 2

Three phase system

G049 Lesson 1 Basic three phase circuit.zip

http://www.filefactory.com/file/c0b01a5/n/G049_Lesson_1_Basic_three_phase_circuit.zip

G049 Lesson 2 Three phase star delta.zip

http://www.filefactory.com/file/c0b01e7/n/G049_Lesson_2_Three_phase_star_delta.zip

G049 Lesson 3 Three phase power measurement.zip

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G049 Lesson 4 Three phase 4 wires unbalanced load.zip

http://www.filefactory.com/file/c0b02a2/n/G049_Lesson_4_Three_phase_4_wires_unbalanced_load.zip

G049 Lesson 5 Three phase 3 wires unbalanced load.zip

http://www.filefactory.com/file/c0b02f7/n/G049_Lesson_5_Three_phase_3_wires_unbalanced_load.zip

G049 Lesson 6 Three phase power by 2 watt meters.zip

http://www.filefactory.com/file/c0b022d/n/G049_Lesson_6_Three_phase_power_by_2_watt_meters.zip

G049 Lesson 7 Three phase fault.zip

	<p>http://www.filefactory.com/file/c0b0254/n/G049_Lesson_7_Three_phase_fault.zip</p> <p>G049 Lesson 8 Three phase fault calculation table.zip</p> <p>http://www.filefactory.com/file/c0b0276/n/G049_Lesson_8_Three_phase_fault_calculation_table.zip</p> <p>G049 Lesson 9 Fault calculation.zip</p> <p>http://www.filefactory.com/file/c0b03ae/n/G049_Lesson_9_Fault_calculation.zip</p> <p>G049 Lesson 10 Sequence network.zip</p> <p>http://www.filefactory.com/file/c0b03ea/n/G049_Lesson_10_Sequence_network.zip</p>
6	Click HERE to download the other exercises
7	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p>Stage 2 Part 3.zip</p> <p>http://www.filefactory.com/file/c0ccb1f/n/Stage_2_Part_3.zip</p> <p>G049_7762ABTutorial</p>
8	http://www.filefactory.com/file/3qun68epu0lp/n/Advanced_Diploma_in_Electrical_Engineering_Exercises_EE011_pdf
9	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p>Click HERE to download the practicals</p>
10	G049_7762AB_7761M_Notes

Phase AC Supply Handout

Connection of balanced three phase loads handout

Star delta conversion handout

Connection of unbalanced three phase loads

Power and energy in ac circuit handout

Watt meter handout

Three Phase Power Handout

Power factor correction handout

High voltage transmission line losses handout

Symmetrical components handout

Distribution of fault currents through power system handout

Phase sequence diagrams for power systems handout

Phase sequence detectors handout,

Fault calculations on power system handout

in

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

<http://www.filefactory.com/file/1bp3sz59gqr/n/PowerFactorCorrection.htm>

<http://www.filefactory.com/file/1qhwc9rkkqwj/n/SymmetricalComponents.htm>

<http://www.filefactory.com/file/1swqqc6ep9g1/n/HighVoltageTransmissionLineLosses.htm>

<http://www.filefactory.com/file/2qefgfuacwb/n/ConnectionOfBalanced3PhaseLoad.htm>

	<p>http://www.filefactory.com/file/35m3bd38cwch/n/G049_7762AB_7761M_Notes_doc</p> <p>http://www.filefactory.com/file/3cgqxtor5nrl/n/ThreePhasePower_htm</p> <p>http://www.filefactory.com/file/3fq7lf8tbzdn/n/PhaseSequenceDetectors_htm</p> <p>http://www.filefactory.com/file/4jx1m9ggcbe9/n/StarDeltaConversion_htm</p> <p>http://www.filefactory.com/file/5971a1e590ol/n/FaultCalculationOnPowerSystem_htm</p> <p>http://www.filefactory.com/file/6isxgy7q8igb/n/WattMeters_htm</p> <p>http://www.filefactory.com/file/byyt2az2atf/n/3PhaseACSupply_htm</p> <p>http://www.filefactory.com/file/hzonwww2fpp/n/DistributionOfFaultCurrentThroughPowerSystems_htm</p>
11	<p><u>BACK UP FOR 2, 7 & 10</u></p> <p>Stage 2 Part 3.zip http://www.filefactory.com/file/c0ccb1f/n/Stage_2_Part_3.zip</p>

Study Guide EE07 & EE011

What to study		Which exercises to do				What practical to do	Resources
Main study		Additional study For EE07+EE011 +Video	Main exercise		Additional exercises for EE011		
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
UEENEEE050B Undertake computations in an electrotechnology environment	UEENEEE126A Provide solutions to basic engineering computational problems	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1	Study Option 1	EE011 = EE07 + Additional					
See 1 below	See 3 below						
Study Option 2	Study Option 2						
See 2 below	See 4 below						

1	Maths 1-E050+G047.zip http://www.filefactory.com/file/c0b673d/n/Maths_1-E050_G047.zip
2	Maths 1-E050+G047.zip
3	As 1
4	As 2
5	Mathematics E050Part1.zip http://www.filefactory.com/file/cf90857/n/E050Part1.zip E050 Lesson 7 Mensuration+Area.zip http://www.filefactory.com/file/c2043a9/n/E050_Lesson_7_Mensuration_Area.zip

[E050 Lesson 8 Differentiation.zip](#)

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[E050 Lesson 9 Integration.zip](#)

http://www.filefactory.com/file/c4edf6f/n/E050_Lesson_9_Integration.zip

[E050 Lesson 10 Integration of trigo functions.zip](#)

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[E050 Lesson 11 Definite integral+Electrical application.zip](#)

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6 Click [HERE](#) to download the other exercises

7 **EE07 & EE011 units mapping for Theory study & Exercises**

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8 http://www.filefactory.com/file/3qun68epu0lp/n/Advanced_Diploma_in_Electrical_Engineering_Exercises_EE011_pdf

9	EE07 & EE011 units mapping for Theory study & Exercises
10	
11	<p><u>BACK UP FOR 2 & 7</u></p> <p>Stage 1 Part 2.zip http://www.filefactory.com/file/c0cb8c7/n/Stage_1_Part_2.zip</p> <p>Stage 2 Part 3.zip http://www.filefactory.com/file/c0ccb1f/n/Stage_2_Part_3.zip</p>

Study Guide EE07 & EE011

What to study		Which exercises to do		What practical to do	Resources		
Main study		Additional study For EE07+EE011 +Video	Main exercise		Additional exercises for EE011		
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
	UEENEEE127A Use advanced computational processes to provide solutions to energy sector engineering problems	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1	Study Option 1	EE011 = EE07 + Additional					
See 1 below	See 3 below						
Study Option 2	Study Option 2						
See 2 below	See 4 below						

1	Maths 2-E026.zip http://www.filefactory.com/file/c0b6775/n/Maths_2-E026.zip
2	<p>E026_Maths_1 E026_6032H_1 E026_6032H</p> <p>In</p> <p>Stage 3 Part 2.zip http://www.filefactory.com/file/c0ccdbc/n/Stage_3_Part_2.zip</p>

3	As 1
4	As 2
5	Engineering Mathematics http://www.filefactory.com/file/cf88dd4/n/E026.zip
6	Click HERE to download the other exercises
7	EE07 & EE011 units mapping for Theory study & Exercises E026 Tutorial questions.zip
8	http://www.filefactory.com/file/3qun68epu0lp/n/Advanced_Diploma_in_Electrical_Engineering_Exercises_EE011_pdf
9	EE07 & EE011 units mapping for Theory study & Exercises
10	
11	BACK UP FOR 2 & 7 Stage 3 Part 2.zip http://www.filefactory.com/file/c0ccdbc/n/Stage_3_Part_2.zip

Study Guide EE07 & EE011

What to study		Which exercises to do			What practical to do	Resources
Main study		Additional study For EE07+EE011 +Video	Main exercise		Additional exercises for EE011	
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07		
UEENEEG012B Solve fundamental problems in electrical systems	UEENEEE081A Apply material science to solving electrotechnology engineering problems	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below See 10 below
Study Option 1 See 1 below	Study Option 1 See 3 below	EE011 = EE07 + Additional				
Study Option 2 See 2 below	Study Option 2 See 4 below					

1	Elect Fundamental E029+G012+G001+G002+G060.zip http://www.filefactory.com/file/c0b6601/n/Elect_Fundamental_E029_G012_G001_G002_G060.zip
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2	<p>E047Mech in Stage 3 Part 3.zip http://www.filefactory.com/file/c0ccd44/n/Stage_3_Part_3.zip</p>
3	<p>Elect Fundamental E029+G012+G001+G002+G060.zip http://www.filefactory.com/file/c0b6601/n/Elect_Fundamental_E029_G012_G001_G002_G060.zip</p> <p>Building Design+Material Science-K041+E047.zip http://www.filefactory.com/file/c0b645d/n/Building_Design_Material_Science-K041_E047.zip</p>
4	
5	<p>E047Mech in Stage 3 Part 3.zip http://www.filefactory.com/file/c0ccd44/n/Stage_3_Part_3.zip</p> <p><u>Electro-technical Problems+ Materials Science</u></p> <p>http://www.filefactory.com/file/cf9a3a6/n/E029.zip</p>
6	<p>Click HERE to download the other exercises</p>
7	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p>E029Tutorial in Stage 3 Part 3.zip http://www.filefactory.com/file/c0ccd44/n/Stage_3_Part_3.zip</p>
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10	<p>8PowerElectronicsDevices</p> <p>ESI_8_Insulation_1.zip</p>

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ESI_28.1_Power_Accessories_1.zip

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11

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Study Guide EE07 & EE011

What to study		Which exercises to do				What practical to do	Resources
Main study		Additional study For EE07+EE011 +Video	Main exercise		Additional exercises for EE011		
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
UEENEEE046B Identify effects of energy on machinery and materials in an electrotechnology environment	UEENEEE082A Apply physics to solving electrotechnology engineering problems	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1 See 1 below	Study Option 1 See 3 below	EE011 = EE07 + Additional					
Study Option 2 See 2 below	Study Option 2 See 4 below						

1	Physics-E046 Part 1.zip http://www.filefactory.com/file/c0b68a1/n/Physics-E046_Part_1.zip Physics-E046 Part 2
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3	As 1
4	NIL
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6	Click HERE to download the other exercises
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9	EE07 & EE011 units mapping for Theory study & Exercises
10	

Study Guide EE07 & EE011

What to study		Which exercises to do				What practical to do	Resources
Main study		Additional study For EE07+EE011 +Video	Main exercise		Additional exercises for EE011		
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
	UEENEEE080A Apply industry and community standards to engineering activities UEENEEE083A Establish and follow a competency development plan in an electrotechnology engineering discipline	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1	Study Option 1	EE011 = EE07 + Additional					
See 1 below	See 3 below						
Study Option 2	Study Option 2						
See 2 below	See 4 below						

1	
2	
3	www.electricaldiploma2013.zoomshare.com E083
4	www.electricaldiploma2013.zoomshare.com E083
5	
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7	Write engineering competency report
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10

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ELECTIVES—POWER+POWER ELECTRONICS+RENEWABLE ENERGY STRAND

Study Guide EE07 & EE011

What to study		Additional study For EE07+EE011 +Video	Which exercises to do		Additional exercises for EE011	What practical to do	Resources
Main study			Main exercise	Study Option			
EE07 Unit	EE011 Unit		(1) EE-07	(2) EE-07			
UEENEEG015B Find and rectify faults in energy supply network equipment	UEENEEG076A Install and replace low voltage current transformer metering UEENEEG127A Design electrical installations with a low voltage demand greater than 400 A per phase UEENEEG128A Plan low voltage switchboard and control panel layouts UEENEEG177A Select low voltage power factor correction equipment	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1	Study Option 1	EE011 = EE07 + Additional					
See 1 below	See 3 below						
Study Option 2	Study Option 2						
See 2 below	See 4 below						

1	Power System 1-G015+G046+A010
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2 G015_G037_G038_G030Pt1_7762AG_Notes

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3	As 1
4	As 2
5	<p><u>Power System (1)</u></p> <p>G015(AA)Lesson 1-Distribution system.zip</p> <p>http://www.filefactory.com/file/c0ba282/n/G015_AA_Lesson_1-Distribution_system.zip</p>

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[http://www.filefactory.com/file/c0ba577/n/G015_AA_Lesson 5-UG Cable.zip](http://www.filefactory.com/file/c0ba577/n/G015_AA_Lesson_5-UG_Cable.zip)

[G015\(AA\)Lesson 6-Voltage control.zip](#)

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[G015\(AE\)Lesson 1-Power system protection scheme.zip](#)

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[G015\(AE\)Lesson 2-Differential relay.zip](#)

http://www.filefactory.com/file/c0ba752/n/G015_AE_Lesson_2-Differential_relay.zip

[G015\(AE\)Lesson 3-Over current & earth fault protection.zip](#)

[http://www.filefactory.com/file/c0ba8ac/n/G015\(AE\)Lesson_3-Over_current_&_earth_fault_protection.zip](http://www.filefactory.com/file/c0ba8ac/n/G015(AE)Lesson_3-Over_current_&_earth_fault_protection.zip)

[G015\(AE\)Lesson 4-Three phase differential relay.zip](#)

http://www.filefactory.com/file/c0ba819/n/G015_AE_Lesson_4-Three_phase_differential_relay.zip

[G015\(AE\)Lesson 5-Current time grading.zip](#)

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[G015\(AE\)Lesson 7-CT_PT.zip](#)

[http://www.filefactory.com/file/c0ba908/n/G015\(AE\)Lesson 7-CT_PT.zip](http://www.filefactory.com/file/c0ba908/n/G015(AE)Lesson_7-CT_PT.zip)

[G015\(AE\)Lesson 8-Distance relay.zip](#)

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[G015\(AG\)Lesson 2-Generator load sharing.zip](#)

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[G015\(AG\)Lesson 4-IP based system.zip](#)

[http://www.filefactory.com/file/c0bbc80/n/G015 AG Lesson 4-IP based system.zip](http://www.filefactory.com/file/c0bbc80/n/G015_AG_Lesson_4-IP_based_system.zip)

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[http://www.filefactory.com/file/c0bbdce/n/G015 AG Lesson 5-Surge in power system.zip](http://www.filefactory.com/file/c0bbdce/n/G015_AG_Lesson_5-Surge_in_power_system.zip)

[G015\(AG\)Lesson 6-CTPT Harmonic filter.zip](#)

[http://www.filefactory.com/file/c0bbdf6/n/G015 AG Lesson 6-CTPT Harmonic filter.zip](http://www.filefactory.com/file/c0bbdf6/n/G015_AG_Lesson_6-CTPT_Harmonic_filter.zip)

[G015\(AG\)Lesson 7-Short circuit in alternator.zip](#)

[http://www.filefactory.com/file/c0bbd17/n/G015 AG Lesson 7-Short circuit in alternator.zip](http://www.filefactory.com/file/c0bbd17/n/G015_AG_Lesson_7-Short_circuit_in_alternator.zip)

[G015\(AG\)Lesson 8-Corona.zip](#)

[http://www.filefactory.com/file/c0bbea2/n/G015 AG Lesson 8-Corona.zip](http://www.filefactory.com/file/c0bbea2/n/G015_AG_Lesson_8-Corona.zip)

[G015\(AG\)Lesson 9-Power surge.zip](#)

[http://www.filefactory.com/file/c0bbe59/n/G015 AG Lesson 9-Power surge.zip](http://www.filefactory.com/file/c0bbe59/n/G015_AG_Lesson_9-Power_surge.zip)

[G015\(AG\)Lesson_10-Static_Var_Compensation.zip](#)

	<p>http://www.filefactory.com/file/c0bbe89/n/G015(AG)Lesson_10-Static_Var_Compensation.zip</p> <p>G015(AG)Lesson 11-PF Control+Fuel cell.zip</p> <p>http://www.filefactory.com/file/c0bbf35/n/G015_AG_Lesson_11-PF_Control_Fuel_cell.zip</p>
6	<p>Click HERE to download the other exercises</p>
7	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p>AA_AB_AD_AE_AF_AG_AH_4269T_Tutorials</p> <p>In</p> <p>Stage 2 Part 4.zip</p> <p>http://www.filefactory.com/file/c0ccb53/n/Stage_2_Part_4.zip</p>
8	<p>http://www.filefactory.com/file/3qun68epu0lp/n/Advanced_Diploma_in_Electrical_Engineering_Exercises_EE011_pdf</p>
9	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p>Practicals</p> <p>Work performance and practical instruction</p> <p>Work performance + Practical Instruction Back up</p> <p>Click HERE to download practicals</p>
10	<p>ESI_8_Insulation_1.zip</p> <p>ESI_8_Insulation_2.zip</p> <p>ESI_25_27_31_32_Part_2_Installation_and_testing_0.zip</p>

ESI_25_27_31_32_Part_3_Electrical_Drawing.zip

ESI_25_27_31_32_Part_4_Data_Com_and_Wiring.zip

ESI_25_27_31_32_Part_5_Installation_Work_Books.zip

ESI_25_27_31_32_Part_6_Switching_1_2.zip

ESI_25_27_31_32_Part_7_Switching_3_4.zip

ESI_25_27_31_32_Part_8a_Electrical_Installation_Requirement_1.zip

ESI_25_27_31_32_Part_8b_Electrical_Installation_Requirement_2.zip

ESI_9.1_Protection_Relay_Construction.zip

ESI_9.2Test_Equipment.zip

Study Package (10) HV Equipments

ESI10.1_HV_equipments.zip

ESI10.2_Substation_equipments.zip

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 (18) Sub station equipments

ESI_18.1_Substation equipments_1.zip

ESI_18.2_Substation equipments_2.zip

ESI_18.3_Substation equipments_3.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

ESI_34.1_Power_Eqpt_Commissioning_1.zip

ESI_34.2_Power_Eqpt_Commissioning_2.zip

ESI_34.3_Power_Eqpt_Commissioning_3.zip

ESI_34.4_Power_Eqpt_Commissioning_4.zip

ESI_34.5_Power_Eqpt_Commissioning_5.zip

ESI_34.6_Power_Eqpt_Commissioning_6.zip

ESI_34.7_Power_Eqpt_Commissioning_Trade_1.zip

ESI_34.8_Power_Eqpt_Commissioning_Trade_2.zip

ESI_34.9_Power_Eqpt_Commissioning_Trade_3.zip

ESI_34.10_Power_Eqpt_Commissioning_Trade_4.zip

ESI_34.11_Power_Eqpt_Commissioning_Trade_5.zip

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

Study Package (34) Equipments Commissioning

ESI_34.1_Background_theory_for equipments_commissioning_1.zip

ESI_34.2_Background_theory_for equipments_commissioning_2.zip

ESI_34.3_Background_theory_for equipments_commissioning_3.zip

ESI_34.4_Background_theory_for equipments_commissioning_4.zip

ESI_34.5_Background_theory_for equipments_commissioning_5.zip

ESI_34.6_Background_theory_for equipments_commissioning_6.zip

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Advanced Diploma in Electricity Supply Industry (ESI)

The **LINK** for

Study Package (2)-Power System Planning

Study Package (3)-Testing

The [LINK](#) for

Study Package (16+17)-OHS

Study Package (20) Transmission System

Study Package (28) Power Accessories

The [LINK](#) for

Study Package (23) Machine Rating

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Study Package (5) Machine Installation

Study Package (9) Protection

[ESI_9.2Test_Equipment.zip](#)

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Study Package (3)-Testing

Study Package (5) Machine Installation

Study Package (15) Electrical Estimating

The [LINK](#) for

Study Package (1)-OHS

Study Package (12) Harmonics

Study Package (19) Computer Control

Study Package (20) Transmission System

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Study Package (4) Power Transformer

Study Package (7) Drawing

Study Package (21+34)-Electrical Distribution

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Study Package (18) Sub station equipments

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Study Package (12) Harmonics

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Study Package (24) Signal Communication

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Study Package (19) Generator

Study Package (25+27+31+32) Installation & Testing

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Study Package (34) Power Equipments Commissioning

Study Package (21+34)-Electrical Distribution

The [LINK](#) for

Study Package (26) (41)

The [LINK](#) for

Study Package (6+ 10) HV Equipments

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Study Package (7) Drawing

Study Package (8) Insulation

Study Package (13) Voltage Regulation

The [LINK](#) for

Study Package (15) Electrical Estimating

Study Package (15) Transmission System

Study Package (25+27+31+32) Installation & Testing

The [LINK](#) for

Study Package (18) Sub station equipments

Study Package (28) Power Accessories

The [LINK](#) for

Study Package (24) Modern Power System

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Study Package (33) Power Quality

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Study Package (27) Relay

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Study Package (13) Voltage Regulation

The [LINK](#) for

Study Package (35)

The [LINK](#) for

Study Package (34) Equipments Commissioning

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Study Package (8) Insulation

Study Package (12) Harmonics

The [LINK](#) for

Study Package (25+27+31+32) Installation & Testing

Study Package (25+27+31+32) Installation & Testing

The [LINK](#) for

Study Package (27) Relay

The [LINK](#) for

Study Package (20) Transmission System

Study Guide EE07 & EE011

What to study		Which exercises to do				What practical to do	Resources
Main study		Additional study For EE07+EE011 +Video	Main exercise		Additional exercises for EE011		
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
UEENEEG012B Solve fundamental problems in electrical systems	UEENEEG130A Design switchboards rated for high fault levels (greater than 400 A)	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1	Study Option 1	EE011 = EE07 + Additional					
See 1 below	See 3 below						
Study Option 2	Study Option 2						
See 2 below	See 4 below						

1	Elect Fundamental E029+G012+G001+G002+G060.zip http://www.filefactory.com/file/c0b6601/n/Elect_Fundamental_E029_G012_G001_G002_G060.zip
2	NIL
3	As 1
4	Additional 1.zip http://www.filefactory.com/file/c0cc0f7/n/Additional_1.zip AH Additional Additional 3.zip http://www.filefactory.com/file/c0cb6a8/n/Additional_3.zip AG Additional Stage 2 Part 3.zip

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[A010.zip](#)

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Switch Gear

Elect_Installation_Protection_Method_Devices.zip

ElectSystSafety1.zip

ElectSystSafety2.zip

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

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[G012 Lesson 1 Electrical components energy and power.zip](#)

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	<p>G012 Lesson 2 Industrial electrical applications.zip</p> <p>http://www.filefactory.com/file/c0b4d65/n/G012_Lesson_2_Industrial_electrical_applications.zip</p> <p>G012 Lesson 3 Transformer voltage regulation inductance capacitance.zip</p> <p>http://www.filefactory.com/file/cf95f3c/n/G012_Lesson_3_Transformer_voltage_regulation_inductance_capacitance.zip</p> <p>G012 Lesson 4 Multiphase system ac dc motor.zip</p> <p>http://www.filefactory.com/file/cf954d4/n/G012_Lesson_4_Multiphase_system_ac_dc_motor.zip</p> <p>G012 Lesson 5 Squirrel cage induction motor starting.zip</p> <p>http://www.filefactory.com/file/cf9546c/n/G012_Lesson_5_Squirrel_cage_induction_motor_starting.zip</p> <p>G012 Lesson 6 Wound rotor motor motor construction starter.zip</p> <p>http://www.filefactory.com/file/cf955a1/n/G012_Lesson_6_Wound_rotor_motor_motor_construction_starter.zip</p>
6	<p>Click HERE to download the other exercises</p>
7	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p>Tutorial Exercises for Power System Fundamental Stage 2 Part 4.zip http://www.filefactory.com/file/c0ccb53/n/Stage_2_Part_4.zip</p> <p>New-AA_AB_AD_AE_AF_AG_AH_4269T_Tutorials</p> <p>New-AA+AB+AD+AE+AF+AG+AH+4269T Tutorials</p> <p>New-AA+AB+AD+AE+AG+AH Tutorials</p>

8	Switch Gear Design Project Work
9	EE07 & EE011 units mapping for Theory study & Exercises
10	7762AH Power System Fundamental AH_Day_1.zip AH_Day_2_3.zip AH_Day_4.zip AH_Day_5.zip AH_Day_6_7_8.zip in Stage 2 Part 3.zip http://www.filefactory.com/file/c0ccb1f/n/Stage_2_Part_3.zip G047_4269T_7762AH G047+4269T+7762AH G047+4269T+7762AH
11	<u>BACK UP FOR 4, 5 & 10</u> Stage 3 Part 3.zip http://www.filefactory.com/file/c0ccd44/n/Stage_3_Part_3.zip

Study Guide EE07 & EE011

What to study		Which exercises to do				What practical to do	Resources
Main study		Additional study For EE07+EE011 +Video	Main exercise		Additional exercises for EE011		
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
UEENEEG037B Diagnose and rectify faults in energy supply apparatus	UETTDRIS67A Solve problems in energy supply network equipment	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1 See 1 below	Study Option 1 See 3 below	EE011 = EE07 + Additional					
Study Option 2 See 2 below	Study Option 2 See 4 below						

1	Power system 2-G037+G038+G039.zip http://www.filefactory.com/file/c0b7a33/n/Power_system_2-G037_G038_G039.zip
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3	As 1
4	NIL
5	Power System (2) G037+G038+G039 Lesson 1-Power Flow.zip http://www.filefactory.com/file/c0bb2a3/n/G037_G038_G039_Lesson_1-Power_Flow.zip G037+G038+G039 Lesson 2-Site Earthing.zip http://www.filefactory.com/file/c0bb244/n/G037_G038_G039_Lesson_2-Site_Earthing.zip

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[G037+G038+G039 Lesson 6-Harmonic Calculation.zip](#)

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[G037+G038+G039 Lesson 9-Insulator.zip](#)

http://www.filefactory.com/file/c221eff/n/G037_G038_G039_Lesson_9-Insulator.zip

[G037+G038+G039 Lesson 10-Reliability of Power System.zip](#)

http://www.filefactory.com/file/c0bb6e4/n/G037_G038_G039_Lesson_10-Reliability_of_Power_System.zip

[G037+G038+G039 Lesson 11-Harmonic Reduction.zip](#)

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[G037+G038+G039 Lesson 12-Grounding + Power Quality.zip](#)

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[G037+G038+G039 Lesson 13-Power Quality.zip](#)

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[G037+G038+G039 Lesson 14-Harmonic Model.zip](#)

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[G037+G038+G039 Lesson 15-Harmonic Losses in Transformer.zip](#)

http://www.filefactory.com/file/c0bca73/n/G037_G038_G039_Lesson_15-Harmonic_Losses_in_Transformer.zip

[G037+G038+G039 Lesson 16-Reliability Improvement.zip](#)

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[G037+G038+G039 Lesson 17-Preparation for emergency.zip](#)

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	<p>G037+G038+G039 Lesson 20-Power Generation + Generator Control.zip</p> <p>http://www.filefactory.com/file/c0bcc20/n/G037_G038_G039_Lesson_20Power_Generation_Generator_Control.zip</p> <p>G037+G038+G039 Lesson 21-Turbine Control+ Digital Excitation.zip</p> <p>http://www.filefactory.com/file/c0bcdf6/n/G037_G038_G039_Lesson_21-Turbine_Control_Digital_Excitation.zip</p> <p>G037+G038+G039 Lesson 22-Power System Protection.zip</p> <p>http://www.filefactory.com/file/c0bcd4c/n/G037_G038_G039_Lesson_22-Power_System_Protection.zip</p> <p>G037+G038+G039 Lesson 23-Switch Gear.zip</p> <p>http://www.filefactory.com/file/c0bcea8/n/G037_G038_G039_Lesson_23-Switch_Gear.zip</p>
6	Click HERE to download G037+G038+G039+E046 Exercises
7	EE07 & EE011 units mapping for Theory study & Exercises
8	http://www.filefactory.com/file/3qun68epu0lp/n/Advanced_Diploma_in_Electrical_Engineering_Exercises_EE011.pdf
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10	<p>ESI_8_Insulation_1</p> <p>ESI_8_Insulation_2</p>

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

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Study Guide EE07 & EE011

What to study		Which exercises to do				What practical to do	Resources
Main study		Additional study For EE07+EE011 +Video	Main exercise		Additional exercises for EE011		
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
UEENEEG038B Diagnose and rectify faults in electrical energy distribution systems	UETTDRIS70A Diagnose and rectify faults in electrical energy distribution systems	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1	Study Option 1	EE011 = EE07 + Additional					
See 1 below	See 3 below						
Study Option 2	Study Option 2						
See 2 below	See 4 below						

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[G037+G038+G039 Lesson 4-Auxiliary System+Harmonic.zip](#)

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[G037+G038+G039 Lesson 3-Power System Control Equipments.zip](#)

http://www.filefactory.com/file/c0bced7/n/G037_G038_G039_Lesson_3-Power_System_Control_Equipments.zip

[G037+G038+G039 Lesson 5-Harmonic.zip](#)

http://www.filefactory.com/file/c0bb35b/n/G037_G038_G039_Lesson_5-Harmonic.zip

[G037+G038+G039 Lesson 6-Harmonic Calculation.zip](#)

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[G037+G038+G039 Lesson 7-Synchronous Generator Loading.zip](#)

http://www.filefactory.com/file/c0bb49d/n/G037_G038_G039_Lesson_7-Synchronous_Generator_Loading.zip

[G037+G038+G039 Lesson 8-Turbine Control+Power Line Earthing.zip](#)

http://www.filefactory.com/file/c0bb521/n/G037_G038_G039_Lesson_8-Turbine_Control_Power_Line_Earthing.zip

[G037+G038+G039 Lesson 9-Insulator.zip](#)

http://www.filefactory.com/file/c221eff/n/G037_G038_G039_Lesson_9-Insulator.zip

[G037+G038+G039 Lesson 10-Reliability of Power System.zip](#)

http://www.filefactory.com/file/c0bb6e4/n/G037_G038_G039_Lesson_10-Reliability_of_Power_System.zip

[G037+G038+G039 Lesson 11-Harmonic Reduction.zip](#)

http://www.filefactory.com/file/c0bce89/n/G037_G038_G039_Lesson_11-Harmonic_Reduction.zip

[G037+G038+G039 Lesson 12-Grounding + Power Quality.zip](#)

http://www.filefactory.com/file/c0bb872/n/G037_G038_G039_Lesson_12-Grounding_Power_Quality.zip

[G037+G038+G039 Lesson 13-Power Quality.zip](#)

http://www.filefactory.com/file/c0bb98d/n/G037_G038_G039_Lesson_13-Power_Quality.zip

[G037+G038+G039 Lesson 14-Harmonic Model.zip](#)

[http://www.filefactory.com/file/c0bcad7/n/G037 G038 G039 Lesson 14-Harmonic Model.zip](http://www.filefactory.com/file/c0bcad7/n/G037_G038_G039_Lesson_14-Harmonic_Model.zip)

[G037+G038+G039 Lesson 15-Harmonic Losses in Transformer.zip](#)

[http://www.filefactory.com/file/c0bca73/n/G037 G038 G039 Lesson 15-Harmonic Losses in Transformer.zip](http://www.filefactory.com/file/c0bca73/n/G037_G038_G039_Lesson_15-Harmonic_Losses_in_Transformer.zip)

[G037+G038+G039 Lesson 16-Reliability Improvement.zip](#)

[http://www.filefactory.com/file/c0bcba0/n/G037 G038 G039 Lesson 16-Reliability Improvement.zip](http://www.filefactory.com/file/c0bcba0/n/G037_G038_G039_Lesson_16-Reliability_Improvement.zip)

[G037+G038+G039 Lesson 17-Preparation for emergency.zip](#)

[http://www.filefactory.com/file/c0bcbd7/n/G037 G038 G039 Lesson 17-Preparation for emergency.zip](http://www.filefactory.com/file/c0bcbd7/n/G037_G038_G039_Lesson_17-Preparation_for_emergency.zip)

[G037+G038+G039 Lesson 18-Harmonic problems.zip](#)

[http://www.filefactory.com/file/c0bcb68/n/G037 G038 G039 Lesson 18-Harmonic problems.zip](http://www.filefactory.com/file/c0bcb68/n/G037_G038_G039_Lesson_18-Harmonic_problems.zip)

[G037+G038+G039 Lesson 19-Synchronous machine problems.zip](#)

[http://www.filefactory.com/file/c0bccb8/n/G037 G038 G039 Lesson 19-Synchronous machine problems.zip](http://www.filefactory.com/file/c0bccb8/n/G037_G038_G039_Lesson_19-Synchronous_machine_problems.zip)

[G037+G038+G039 Lesson 20-Power Generation + Generator Control.zip](#)

http://www.filefactory.com/file/c0bcc20/n/G037_G038_G039_Lesson_20Power_Generation_Generator_Control.zip

[G037+G038+G039 Lesson 21-Turbine Control+ Digital Excitation.zip](#)

http://www.filefactory.com/file/c0bcdf6/n/G037_G038_G039_Lesson_21-Turbine_Control_Digital_Excitation.zip

[G037+G038+G039 Lesson 22-Power System Protection.zip](#)

http://www.filefactory.com/file/c0bcd4c/n/G037_G038_G039_Lesson_22-Power_System_Protection.zip

[G037+G038+G039 Lesson 23-Switch Gear.zip](#)

http://www.filefactory.com/file/c0bcea8/n/G037_G038_G039_Lesson_23-Switch_Gear.zip

6 Click [HERE](#) to download G037+G038+G039+E046 Exercises

7 **EE07 & EE011 units mapping for Theory study & Exercises**

8 http://www.filefactory.com/file/3qun68epu0lp/n/Advanced_Diploma_in_Electrical_Engineering_Exercises_EE011_pdf

9 **EE07 & EE011 units mapping for Theory study & Exercises**

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[Stage 2 Part 2A.zip](#)http://www.filefactory.com/file/c0cca4a/n/Stage_2_Part_2A.zip

G015_G037_G038_G030Pt1_7762AG_Notes

G015_G042_G037_G038_G039_Part_2_Notes

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7762AA_Module_Book

[Stage 2 Part 1A.zip](#)http://www.filefactory.com/file/c0cb96f/n/Stage_2_Part_1A.zip

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

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Study Guide EE07 & EE011

What to study		Which exercises to do			What practical to do	Resources
Main study		Additional study For EE07+EE011 +Video	Main exercise		Additional exercises for EE011	
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07		
UEENEEG039B Diagnose and rectify faults in distributed generation systems		See 5 below	See 6 below	See 7 below	See 8 below	See 9 below See 10 below
Study Option 1 See 1 below	Study Option 1 See 3 below	EE011 = EE07 + Additional				
Study Option 2 See 2 below	Study Option 2 See 4 below					

1	Power system 2-G037+G038+G039.zip http://www.filefactory.com/file/c0b7a33/n/Power_system_2-G037_G038_G039.zip
2	NIL
3	As 1
4	NIL
5	Power System (2) G037+G038+G039 Lesson 1-Power Flow.zip http://www.filefactory.com/file/c0bb2a3/n/G037_G038_G039_Lesson_1-Power_Flow.zip G037+G038+G039 Lesson 2-Site Earthing.zip http://www.filefactory.com/file/c0bb244/n/G037_G038_G039_Lesson_2-Site_Earthing.zip

[G037+G038+G039 Lesson 4-Auxiliary System+Harmonic.zip](#)

http://www.filefactory.com/file/c0bb3c3/n/G037_G038_G039_Lesson_4-Auxiliary_System_Harmonic.zip

[G037+G038+G039 Lesson 3-Power System Control Equipments.zip](#)

http://www.filefactory.com/file/c0bced7/n/G037_G038_G039_Lesson_3-Power_System_Control_Equipments.zip

[G037+G038+G039 Lesson 5-Harmonic.zip](#)

http://www.filefactory.com/file/c0bb35b/n/G037_G038_G039_Lesson_5-Harmonic.zip

[G037+G038+G039 Lesson 6-Harmonic Calculation.zip](#)

http://www.filefactory.com/file/c0bb43f/n/G037_G038_G039_Lesson_6-Harmonic_Calculation.zip

[G037+G038+G039 Lesson 7-Synchronous Generator Loading.zip](#)

http://www.filefactory.com/file/c0bb49d/n/G037_G038_G039_Lesson_7-Synchronous_Generator_Loading.zip

[G037+G038+G039 Lesson 8-Turbine Control+Power Line Earthing.zip](#)

http://www.filefactory.com/file/c0bb521/n/G037_G038_G039_Lesson_8-Turbine_Control_Power_Line_Earthing.zip

[G037+G038+G039 Lesson 9-Insulator.zip](#)

http://www.filefactory.com/file/c221eff/n/G037_G038_G039_Lesson_9-Insulator.zip

[G037+G038+G039 Lesson 10-Reliability of Power System.zip](#)

http://www.filefactory.com/file/c0bb6e4/n/G037_G038_G039_Lesson_10-Reliability_of_Power_System.zip

[G037+G038+G039 Lesson 11-Harmonic Reduction.zip](#)

http://www.filefactory.com/file/c0bce89/n/G037_G038_G039_Lesson_11-Harmonic_Reduction.zip

[G037+G038+G039 Lesson 12-Grounding + Power Quality.zip](#)

http://www.filefactory.com/file/c0bb872/n/G037_G038_G039_Lesson_12-Grounding_Power_Quality.zip

[G037+G038+G039 Lesson 13-Power Quality.zip](#)

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[G037+G038+G039 Lesson 14-Harmonic Model.zip](#)

http://www.filefactory.com/file/c0bcad7/n/G037_G038_G039_Lesson_14-Harmonic_Model.zip

[G037+G038+G039 Lesson 15-Harmonic Losses in Transformer.zip](#)

http://www.filefactory.com/file/c0bca73/n/G037_G038_G039_Lesson_15-Harmonic_Losses_in_Transformer.zip

[G037+G038+G039 Lesson 16-Reliability Improvement.zip](#)

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http://www.filefactory.com/file/c0bcb68/n/G037_G038_G039_Lesson_18-Harmonic_problems.zip

[G037+G038+G039 Lesson 19-Synchronous machine problems.zip](#)

http://www.filefactory.com/file/c0bccb8/n/G037_G038_G039_Lesson_19-Synchronous_machine_problems.zip

[G037+G038+G039 Lesson 20-Power Generation + Generator Control.zip](#)

http://www.filefactory.com/file/c0bcc20/n/G037_G038_G039_Lesson_20Power_Generation_Generator_Control.zip

[G037+G038+G039 Lesson 21-Turbine Control+ Digital Excitation.zip](#)

http://www.filefactory.com/file/c0bcdf6/n/G037_G038_G039_Lesson_21-Turbine_Control_Digital_Excitation.zip

[G037+G038+G039 Lesson 22-Power System Protection.zip](#)

http://www.filefactory.com/file/c0bcd4c/n/G037_G038_G039_Lesson_22-Power_System_Protection.zip

[G037+G038+G039 Lesson 23-Switch Gear.zip](#)

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6

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7

EE07 & EE011 units mapping for Theory study & Exercises

8	http://www.filefactory.com/file/3qun68epu0lp/n/Advanced_Diploma_in_Electrical_Engineering_Exercises_EE011_pdf
9	EE07 & EE011 units mapping for Theory study & Exercises <u>Practicals</u> <u>Work performance and practical instruction</u> Click <u>HERE</u> to download practicals
10	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 Of www.electricaldiploma2013.zoomshare.com
11	<u>BACK FOR 10</u>

Study Guide EE07 & EE011

What to study		Which exercises to do				What practical to do	Resources
Main study		Additional study For EE07+EE011 +Video	Main exercise		Additional exercises for EE011		
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
UEENEEG042B Diagnose and rectify faults in electrical energy supply transmission systems	UETTDRIS71A Diagnose and rectify faults in electrical energy supply transmission systems	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1	Study Option 1	EE011 = EE07 + Additional					
See 1 below	See 3 below						
Study Option 2	Study Option 2						
See 2 below	See 4 below						

1	Transmission line-G042.zip http://www.filefactory.com/file/c0b7dad/n/Transmission_line-G042.zip
2	G042_Part_3_Notes G037_G038_G030Pt1_7762AG_Notes G015_G042_G037_G038_G039_Part_2_Notes G015_G037_G038_G030Pt1_7762AG_Notes In Stage 4 Part 15.zip

	<p>http://www.filefactory.com/file/c0cc7cb/n/Stage_4_Part_15.zip</p> <p>Stage 4 Part 14.zip</p> <p>http://www.filefactory.com/file/c0cc684/n/Stage_4_Part_14.zip</p>
3	As 1
4	As 2
5	<p>Transmission Line</p> <p>G042 Lesson 1-Transmission line introduction.zip</p> <p>http://www.filefactory.com/file/c0bf370/n/G042_Lesson_1-Transmission_line_introduction.zip</p> <p>G042 Lesson 2-DC Line+Line reflection.zip</p> <p>http://www.filefactory.com/file/c0bf4eb/n/G042_Lesson_2-DC_Line_Line_reflection.zip</p> <p>G042 Lesson 3-Power line calculation.zip</p> <p>http://www.filefactory.com/file/c0bf433/n/G042_Lesson_3-Power_line_calculation.zip</p> <p>G042 Lesson 4-Line model+Economic aspect.zip</p> <p>http://www.filefactory.com/file/c0bf459/n/G042_Lesson_4-Line_model_Economic_aspect.zip</p> <p>G042 Lesson 5-Time value of money+Line reflection.zip</p>

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G042 Lesson 6-Line matching+Wave guide.zip

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G042 Lesson 7-Wave guide.zip

http://www.filefactory.com/file/c0bf519/n/G042_Lesson_7-Wave_guide.zip

G042 Lesson 8-Microstrip line.zip

http://www.filefactory.com/file/c0bf545/n/G042_Lesson_8-Microstrip_line.zip

G042 Lesson 9-Per unit value of line.zip

http://www.filefactory.com/file/c0bf576/n/G042_Lesson_9-Per_unit_value_of_line.zip

G042 Lesson 10-Line constants.zip

http://www.filefactory.com/file/c3eb4d1/n/G042_Lesson_10-Line_constants.zip

G042 Lesson 11-Smith chart.zip

http://www.filefactory.com/file/c0bf6ef/n/G042_Lesson_11-Smith_chart.zip

G042 Lesson 12-Four terminals network.zip

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8	http://www.filefactory.com/file/3qun68epu0lp/n/Advanced_Diploma_in_Electrical_Engineering_Exercises_EE011_pdf
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ESI_25_27_31_32_Part_6_Switching_1_2.zip

ESI_25_27_31_32_Part_7_Switching_3_4.zip

ESI_25_27_31_32_Part_8a_Electrical_Installation_Requirement_1.zip

ESI_25_27_31_32_Part_8b_Electrical_Installation_Requirement_2.zip

ESI_25_27_31_32_Part_9_Electrical_Installation_Requirement_2_Questions.zip

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Study Guide EE07 & EE011

What to study		Which exercises to do				What practical to do	Resources
Main study		Additional study For EE07+EE011 +Video	Main exercise		Additional exercises for EE011		
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
UEENEEG046B Develop engineering solutions for energy supply system protection problems	UETTDRIS68A Solve problems in energy supply network protection equipment and systems UETTDRIS74A Develop engineering solutions for energy supply system protection problems	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1 See 1 below	Study Option 1 See 3 below	EE011 = EE07 + Additional					
Study Option 2 See 2 below	Study Option 2 See 4 below						

1	AE.zip http://www.filefactory.com/file/c0b7ff7/n/AE.zip
2	G015_G042_G037_G038_G039_Part_2_Notes Of Stage 2 Part 2A.zip http://www.filefactory.com/file/c0cca4a/n/Stage_2_Part_2A.zip
3	As 1
4	As 2

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[http://www.filefactory.com/file/c0ba70c/n/G015 AE Lesson 1-Power system protection scheme.zip](http://www.filefactory.com/file/c0ba70c/n/G015_AE_Lesson_1-Power_system_protection_scheme.zip)

[G015\(AE\)Lesson 2-Differential relay.zip](#)

[http://www.filefactory.com/file/c0ba752/n/G015 AE Lesson 2-Differential relay.zip](http://www.filefactory.com/file/c0ba752/n/G015_AE_Lesson_2-Differential_relay.zip)

[G015\(AE\)Lesson 3-Over current & earth fault protection.zip](#)

[http://www.filefactory.com/file/c0ba8ac/n/G015\(AE\)Lesson_3-Over_current_&_earth_fault_protection.zip](http://www.filefactory.com/file/c0ba8ac/n/G015(AE)Lesson_3-Over_current_&_earth_fault_protection.zip)

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[G015\(AE\)Lesson 5-Current time grading.zip](#)

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[G015\(AE\)Lesson 7-CT PT.zip](#)

[http://www.filefactory.com/file/c0ba908/n/G015\(AE\)Lesson_7-CT_PT.zip](http://www.filefactory.com/file/c0ba908/n/G015(AE)Lesson_7-CT_PT.zip)

	<p>G015(AE)Lesson 8-Distance relay.zip</p> <p>http://www.filefactory.com/file/c0ba96d/n/G015_AE_Lesson_8-Distance_relay.zip</p> <p>G015(AE)Lesson 9-Telecom in power protection.zip</p> <p>http://www.filefactory.com/file/c0bbacb/n/G015_AE_Lesson_9-Telecom_in_power_protection.zip</p>
6	<p>Click HERE to download other Exercises</p>
7	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p>AA_AB_AD_AE_AF_AG_AH_4269T_Tutorials</p> <p>Of</p> <p>Stage 2 Part 4.zip</p> <p>http://www.filefactory.com/file/c0ccb53/n/Stage_2_Part_4.zip</p>
8	<p>http://www.filefactory.com/file/3qun68epu0lp/n/Advanced_Diploma_in_Electrical_Engineering_Exercises_EE011_pdf</p>
9	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p>Practicals Work performance and practical instruction</p> <p>Click HERE to download practicals</p>
10	<p>ESI_27.1_Arts_and_Science_of_Protective_Relaying_1.zip</p> <p>ESI_27.2_Arts_and_Science_of_Protective_Relaying_2.zip</p> <p>ESI_27.3_Arts_and_Science_of_Protective_Relaying_3.zip</p> <p>ESI_27.4Circuit_Breaker_1.zip</p>

ESI_27.5_Circuit_Breaker_2.zip

ESI_27_1_Relay_Principle_1.zip

ESI_27_1_Relay_Principle_2.zip

ESI_27_1_Relay_Principle_3.zip

ESI_27.2_Element_of_Relay_Protection.zip

ESI_27.3_Relay_operation_characteristics.zip

ESI_27.4_Relay_connection_and_response.zip

ESI_27.5_Machine_and_busbar_protection_1.zip

ESI_27.5_Machine_and_busbar_protection_2.zip

ESI_27.5_Machine_and_busbar_protection_3.zip

ESI_27.6_Feeder_protection.zip

ESI_27.7_CT_and_PT.zip

ESI_27.9_Comparator.zip

ESI_27.10_Static_relay.zip

ESI_27.11_Test_and_maintenance.zip

ESI_27.12_Circuit_Breaker_1.zip

ESI_27.12_Circuit_Breaker_2.zip

ESI_27.12_Circuit_Breaker_3.zip

ESI_27.12_Circuit_Breaker_4.zip

ESI_27.8_Line_protection_1.zip

ESI_27.8_Line_protection_2.zip

ESI_27.8_Line_protection_3.zip

ESI_27.5_Machine_and_busbar_protection_2_0.zip

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BACK UP FOR 2,7 & 10

Study Guide EE07 & EE011

What to study		Which exercises to do				What practical to do	Resources
Main study		Additional study For EE07+EE011 +Video	Main exercise		Additional exercises for EE011	See 9 below	See 10 below
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
UEENEEI006B Solve problems in process controllers, transmitters and converters	UEENEEI120A Provide solutions to problems in industrial control systems	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1	Study Option 1	EE011 = EE07 + Additional					
See 1 below	See 3 below						
Study Option 2	Study Option 2						
See 2 below	See 4 below						

1	<p>Amplifier+Power Supply+Digital H011+H012+H013.zip http://www.filefactory.com/file/c0b64d1/n/Amplifier Power Supply Digital H011 H012 H013.zip</p> <p>Process control-I006+I008+I020.zip http://www.filefactory.com/file/c0b7d9d/n/Process control-I006 I008 I020.zip</p>
2	<p>AnalogDigitalSignalConditioning</p> <p>Of</p> <p>Stage 4 Part 12.zip http://www.filefactory.com/file/c0cc566/n/Stage 4 Part 12.zip</p> <p>Stage 4 Part 1A.zip http://www.filefactory.com/file/c0cc226/n/Stage 4 Part 1A.zip</p> <p>H085+66+I006 Note 10(6487E)</p>

PLC

6487E

AutoCAD_2D_3D_Lessons

H085+66+I006 Note 1 (Sensors)

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) (2)

H085+66+I006 Note 5 Control Concept2)

H085+66+I006 Note 6 (Electronics Signal)

H085+66+I006 Note 8 (Process Control 1)

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H066+H085+I006+6032A+7766L

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C Programming

[Stage 4 Part 3.zip](#)

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Micro Processor+C Programming

[Stage 4 Part 4.zip](#)

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Computer and Networks 1

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

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3	<p><u>I020 Part 2</u></p> <p>http://www.filefactory.com/file/7338x8vlddrj/n/I020_Part_2_zip</p>
4	As 2
5	<p><u>Process Control+ Digital Electronics +Signal Processing</u></p> <p>I006 Lesson 1 Process control Intro+Signal conditioning.zip</p> <p>http://www.filefactory.com/file/c0b2798/n/I006_Lesson_1_Process_control_Intro+Signal_conditioning.zip</p> <p>I006 Lesson 2 Op-amp in process control.zip</p> <p>http://www.filefactory.com/file/c0b25d5/n/I006_Lesson_2_Op-amp_in_process_control.zip</p> <p>I006 Lesson 3 Pnuematic.zip</p> <p>http://www.filefactory.com/file/c0b145a/n/I006_Lesson_3_Pnuematic.zip</p>

I006 Lesson 3+H012 Lesson 1 Digital principle+Logic gates.zip

http://www.filefactory.com/file/c0b1488/n/I006_Lesson_3_H012_Lesson_1_Digital_principle_Logic_gates.zip

I006 Lesson 4+H012 Lesson 2 Equivalent gate.zip

http://www.filefactory.com/file/c0b16a2/n/I006_Lesson_4_H012_Lesson_2_Equivalent_gate.zip

I006 Lesson 5+H012 Lesson 3 Number system.zip

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I006 Lesson 6+H012 Lesson 4 Binary subtraction.zip

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http://www.filefactory.com/file/c0b1885/n/I006_Lesson_9_H012_Lesson_7_Shift_register_Data_latches.zip

I006 Lesson 10+H012 Lesson 8 Counter.zip

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I006 Lesson 11+H012 Lesson 9 Display.zip

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I006 Lesson 12 Digital signal processing.zip

http://www.filefactory.com/file/c0b2b27/n/I006_Lesson_12_Digital_signal_processing.zip

I006 Lesson 13 Digital control design.zip

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I006 Lesson 17 Micro processor compatible DAC.zip

http://www.filefactory.com/file/c0b260b/n/I006_Lesson_17_Micro_processor_compatible_DAC.zip

I006 Lesson 18 Thermocouple.zip

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I006 Lesson 19 Temperature measurement.zip

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I006 Lesson 20 Proportional mode.zip

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I006 Lesson 21 Industrial transducer.zip

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I006 Lesson 22 Force measurement.zip

http://www.filefactory.com/file/c0b2673/n/I006_Lesson_22_Force_measurement.zip

I006 Lesson 23 Open loop control+Proportional control.zip

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I006 Lesson 24 Closed loop control.zip

http://www.filefactory.com/file/c0b21e4/n/I006_Lesson_24_Closed_loop_control.zip

I006 Lesson 25 Electronics signal in process control.zip

http://www.filefactory.com/file/c0b220c/n/I006_Lesson_25_Electronics_signal_in_process_control.zip

I006 Lesson 26 PCM.zip

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I006 Lesson 27 Control loop.zip

http://www.filefactory.com/file/c0b23bd/n/I006_Lesson_27_Control_loop.zip

I006 Lesson 28 Strain gauge+Piezo electric.zip

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PID

PLC Textbook1

PLC Textbook2

PLC Textbook3

PLC

PLC_Application_Assignment

PLC_SCADA_Project_Example_1

PLC_SCADA_Project_Example_2

PLC_SCADA_Project_Example_3

PLC_Trilogy_Advanced_Programs

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PLC_Hardware_Notes_1

PLC_Hardware_Notes_2

PLC_Hardware_Notes_3

PLC_Hardware_Notes_4

PLC_Hardware_Notes_5

PLC_Hardware_Notes_6

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Amplifier

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DE

Study Guide EE07 & EE011

What to study		Which exercises to do				What practical to do	Resources
Main study		Additional study For EE07+EE011 +Video	Main exercise		Additional exercises for EE011		
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
UEENEEG040B Develop engineering solutions for energy supply power transformer problems	UETTDRIS73A Develop engineering solutions for energy supply power transformer problems	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1	Study Option 1	EE011 = EE07 + Additional					
See 1 below	See 3 below						
Study Option 2	Study Option 2						
See 2 below	See 4 below						

1	Power Transformer+Line-G040.zip http://www.filefactory.com/file/c0b7bd2/n/Power_Transformer_Line-G040.zip
2	G040_7762AD_Notes Of Stage 3 Part 6.zip http://www.filefactory.com/file/c0cce63/n/Stage_3_Part_6.zip
3	As 1
4	As 2
5	G040 Lesson 1 Power transformer rating 1.zip http://www.filefactory.com/file/c0bcff1/n/G040_Lesson_1_Power_transformer_rating_1.zip G040 Lesson 1 Power transformer rating 2.zip

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[G040 Lesson 2 Open circuit short circuit test.zip](#)

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[G040 Lesson 4 Power transformer connection.zip](#)

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[G040 Lesson 5 Maximum efficiency.zip](#)

http://www.filefactory.com/file/c0bc1db/n/G040_Lesson_5_Maximum_efficiency.zip

[G040 Lesson 6 Transformer parallel operation.zip](#)

http://www.filefactory.com/file/c0bc164/n/G040_Lesson_6_Transformer_parallel_operation.zip

[G040 Lesson 7 Harmonic in transformer.zip](#)

http://www.filefactory.com/file/c0bc2ab/n/G040_Lesson_7_Harmonic_in_transformer.zip

[G040 Lesson 8 Transformer problem + auto transformer.zip](#)

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[G040 Lesson 9 Transformer rating cooling connection tap changing.zip](#)

http://www.filefactory.com/file/c0bc294/n/G040_Lesson_9_Transformer_rating_cooling_connection_tap_changing.zip

[G040 Lesson 10 Phase shift transformer.zip](#)

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8	http://www.filefactory.com/file/3qun68epu0lp/n/Advanced_Diploma_in_Electrical_Engineering_Exercises_EE011_pdf
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10	<p>ESI 4 11 Power Transformer.zip</p> <p>ESI 4 Power Transformer.zip</p>
11	BACK UP FOR 2, 7 & 10

Study Guide EE07 & EE011

What to study		Which exercises to do				What practical to do	Resources
Main study		Additional study For EE07+EE011 +Video	Main exercise		Additional exercises for EE011		
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
	UEENEEG006A Solve problems in single and three phase low voltage machines	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1	Study Option 1	EE011 = EE07 + Additional					
See 1 below	See 3 below						
Study Option 2	Study Option 2						
See 2 below	See 4 below						

1	
2	
3	Elect Machine-G043+G044+G045.zip http://www.filefactory.com/file/c0b6668/n/Elect_Machine-G043_G044_G045.zip
4	G043_G045_7762AF_Notes G043_G045_Part_1_7762AF_Notes Of Stage 4 Part 15.zip http://www.filefactory.com/file/c0cc7cb/n/Stage_4_Part_15.zip
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3. Requirement of mechanical thermal plant in Co-generation

3.Study for mechanical thermal plant

3. Generator Paralleling

Synchronous Generator Operation (Power System Operation)

Lesson 1

Lesson 3

Power System Operation (General aspect) Reading 1

Power System Operation (General aspect) Reading 2

Power System Operation (General aspect) Reading 3

Power System Operation (General aspect) Reading 4

Power System Operation (General aspect) Reading 5

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AG Additional

Study Guide EE07 & EE011

What to study		Which exercises to do				What practical to do	Resources	
Main study		Additional study For EE07+EE011 +Video	Main exercise		Additional exercises for EE011			
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07				
UEENEEG043B Develop engineering solution for synchronous machine problems UEENEEG045B Develop engineering solutions for induction motor problems	UEENEEG143A Develop engineering solution for synchronous machine and control problems UEENEEG145A Develop engineering solutions for induction machine and control problems UEENEEI145A Diagnose and rectify faults in a.c. motor drive systems	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below	
Study Option 1	Study Option 1	EE011 = EE07 + Additional						
See 1 below	See 3 below							
Study Option 2	Study Option 2							
See 2 below	See 4 below							

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3

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5

Induction and synchronous machines & control

G043+G045 Lesson 1 AC Machine Introduction.zip

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G043+G045 Lesson 2 Slip+Equivalent Ckt.zip

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G043+G045 Lesson 3 Power Transfer.zip

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G043+G045 Lesson 4 Test for equivalent ckt.zip

http://www.filefactory.com/file/c0b03f9/n/G043_G045_Lesson_4_Test_for_equivalent_ckt.zip

G043+G045 Lesson 5 Equivalent Ckt Problems.zip

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G043+G045 Lesson 6 Motor starting and control.zip

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G043+G045 Lesson 7 Synchronous machine introduction.zip

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G043+G045 Lesson 9 Synchronous machine starting.zip

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	<p>http://www.filefactory.com/file/c0b0362/n/G043_G045_Lesson_10_Single_phase_motor.zip</p> <p>G043+G045 Lesson 11 Factors affecting motor operation.zip</p> <p>http://www.filefactory.com/file/c0b037b/n/G043_G045_Lesson_11_Factors_affecting_motor_operation.zip</p>
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Motor control 5

Motor control 6

Motor control 7

Motor control 8

Motor control 9

Motor control 10

Motor control 11

Motor control 12

Motor control 13

Motor control 14

Motor control 15

Motor control 16

8273Z Variable Speed Drives

Lesson 1-Part a Part b Part c Part d

Lesson 2 Part a Part b Part c

Lesson 3 Part a Part b

Lesson 4 Part a Part b

Lesson 5 Part a Part b

Lesson 6 Part a Part b

Lesson 7 Part a Part b

Lesson 8 Part a Part b

Lesson 9 Part a Part b

Lesson 10 Part a Part b

Lesson 11 Part a Part b

Lesson 12 Part a Part b

Lesson 13 Part a Part b

Lesson 14 Part a Part b

Lesson 15 Part a Part b

Lesson 16 Part a Part b Part c

Lesson 17 Part a Part b Part c

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Study Guide EE07 & EE011

What to study		Which exercises to do				What practical to do	Resources
Main study		Additional study For EE07+EE011 +Video	Main exercise		Additional exercises for EE011		
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
UEENEEE029B Solve electrotechnical problems UEENEEG044B Develop engineering solutions for d.c. machine problems	UEENEEG160A Evaluate performance of LV electrical machines UEENEEG161A Design and develop modifications to LV electrical machines UEENEEG144A Develop engineering solutions for d.c. machine and control problems UEENEEI146A Diagnose and rectify faults in d.c. motor drive systems	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1	Study Option 1	EE011 = EE07 + Additional					
See 1 below	See 3 below						
Study Option 2	Study Option 2						
See 2 below	See 4 below						

1	Elect Fundamental E029+G012+G001+G002+G060.zip http://www.filefactory.com/file/c0b6601/n/Elect_Fundamental_E029_G012_G001_G002_G060.zip Elect Machine-G043+G044+G045.zip
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4	As 2
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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

ESI_5_Machinery_Installation.zip

ESI_8_Insulation_1.zip

ESI_8_Insulation_2.zip

ESI_6_Mechanical_Assembly.zip

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Lesson 1-Part a Part b Part c Part d

Lesson 2 Part a Part b Part c

Lesson 3 Part a Part b

Lesson 4 Part a Part b

Lesson 5 Part a Part b

Lesson 6 Part a Part b

Lesson 7 Part a Part b

Lesson 8 Part a Part b

Lesson 9 Part a Part b

Lesson 10 Part a Part b

Lesson 11 Part a Part b

Lesson 12 Part a Part b

Lesson 13 Part a Part b

Lesson 14 Part a Part b

Lesson 15 Part a Part b

Lesson 16 Part a Part b Part c

Lesson 17 Part a Part b Part c
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MachineControlCkt1

MachineControlCkt2

MachineControlCkt3

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Study Guide EE07 & EE011

What to study		Which exercises to do				What practical to do	Resources
Main study		Additional study For EE07+EE011 +Video	Main exercise		Additional exercises for EE011		
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
UEENEEH025B Provide solutions to single phase electronic power control problems	UEENEEI148A Solve problems in single phase electronic power control circuits	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1 See 1 below	Study Option 1 See 3 below	EE011 = EE07 + Additional					
Study Option 2 See 2 below	Study Option 2 See 4 below						

1	<p>Power Electronics -H025+H026.zip</p> <p>http://www.filefactory.com/file/c0b6857/n/Power_Electronics_-H025_H026.zip</p>
2	<p>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 In</p> <p>Stage 3 Part 6.zip</p> <p>http://www.filefactory.com/file/c0cce63/n/Stage_3_Part_6.zip</p>
3	As 1
4	As 2
5	<u>Operational amplifier+ single phase power control equipments</u>

[H025 Lesson 1-Differential Amplifier.zip](#)

[http://www.filefactory.com/file/c20fef9/n/H025 Lesson 1-Differential Amplifier.zip](http://www.filefactory.com/file/c20fef9/n/H025_Lesson_1-Differential_Amplifier.zip)

[H025 Lesson 2-Comparator.zip](#)

[http://www.filefactory.com/file/c0b072e/n/H025 Lesson 2-Comparator.zip](http://www.filefactory.com/file/c0b072e/n/H025_Lesson_2-Comparator.zip)

[H025 Lesson 3-Timer IC.zip](#)

[http://www.filefactory.com/file/c0b077e/n/H025 Lesson 3-Timer IC.zip](http://www.filefactory.com/file/c0b077e/n/H025_Lesson_3-Timer_IC.zip)

[H025 Lesson 4-Op Amp Circuit 1 & 2.zip](#)

[http://www.filefactory.com/file/c0b08c8/n/H025 Lesson 4-Op Amp Circuit 1 2.zip](http://www.filefactory.com/file/c0b08c8/n/H025_Lesson_4-Op_Amp_Circuit_1_2.zip)

[H025 Lesson 5-Op amp characteristics+Band widthe compensation.zip](#)

[http://www.filefactory.com/file/c0b09da/n/H025 Lesson 5-Op amp characteristics Band widthe compensation.zip](http://www.filefactory.com/file/c0b09da/n/H025_Lesson_5-Op_amp_characteristics_Band_widthe_compensation.zip)

[H025 Lesson 6-Op amp diode characteristics.zip](#)

[http://www.filefactory.com/file/c0b09e1/n/H025 Lesson 6-Op amp diode characteristics.zip](http://www.filefactory.com/file/c0b09e1/n/H025_Lesson_6-Op_amp_diode_characteristics.zip)

[H025 Lesson 7-Sine & square wave oscillators.zip](#)

http://www.filefactory.com/file/c0b090a/n/H025_Lesson_7-Sine_square_wave_oscillators.zip

H025 Lesson 8-Op amp ckt-Integrator+Differentiator.zip

http://www.filefactory.com/file/c0b0909/n/H025_Lesson_8-Op_amp_ckt-Integrator_Differentiator.zip

H025 Lesson 9-Active filter.zip

http://www.filefactory.com/file/c0b0916/n/H025_Lesson_9-Active_filter.zip

H025 Lesson 10-Multistage Op amp ckt.zip

http://www.filefactory.com/file/c0b0948/n/H025_Lesson_10-Multistage_Op_amp_ckt.zip

H025 Lesson 11-Transducers.zip

http://www.filefactory.com/file/c0b0978/n/H025_Lesson_11-Transducers.zip

H025 Lesson 12-Introduction to control.zip

http://www.filefactory.com/file/c0b0986/n/H025_Lesson_12-Introduction_to_control.zip

[Operational amplifier+ single phase power control equipments](#)

7	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p>Electronics_H025_Tutorials</p> <p>Stage 3 Part 4.zip http://www.filefactory.com/file/c0ccd9a/n/Stage_3_Part_4.zip</p>
8	<p>http://www.filefactory.com/file/3qun68epu0lp/n/Advanced_Diploma_in_Electrical_Engineering_Exercises_EE011_pdf</p>
9	<p>E07 & EE011 units mapping for Theory study & Exercises</p> <p>Practicals Work performance and practical instruction</p> <p>Click HERE to download practicals</p>
10	
11	<p>BACK UP FOR 2, 7 & 10</p>

Study Guide EE07 & EE011

What to study		Which exercises to do				What practical to do	Resources
Main study		Additional study For EE07+EE011 +Video	Main exercise		Additional exercises for EE011		
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
UEENEEH026B Provide solutions to polyphase electronic power control problems	UEENEEI149A Solve problems in polyphase electronic power control circuits	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1 See 1 below	Study Option 1 See 3 below	EE011 = EE07 + Additional					
Study Option 2 See 2 below	Study Option 2 See 4 below						

1	<p>Power Electronics -H025+H026.zip</p> <p>http://www.filefactory.com/file/c0b6857/n/Power_Electronics_-H025_H026.zip</p>
2	<p>H025_Operational_Amplifier</p> <p>H026_3_Ph_Power_Control_Electronics_1</p> <p>H026_3_Ph_Power_Control_Electronics_2</p> <p>H026_3_Ph_Power_Control_Electronics_3</p> <p>H026_3_Ph_Power_Control_Electronics_4</p> <p>In</p> <p>Stage 3 Part 6.zip</p> <p>http://www.filefactory.com/file/c0cce63/n/Stage_3_Part_6.zip</p>
3	As 1
4	As 2

5	<p><u>Three phase power control equipments</u></p> <p>H026 Lesson 1-Single &Three phase power control.zip</p> <p>http://www.filefactory.com/file/c0b1ac9/n/H026 Lesson 1-Single Three phase power control.zip</p> <p>H026 Lesson 2-Solid state switching devices.zip</p> <p>http://www.filefactory.com/file/c0b1af2/n/H026 Lesson 2-Solid state switching devices.zip</p> <p>H026 Lesson 3-Inverter Converter.zip</p> <p>http://www.filefactory.com/file/c0b1a59/n/H026 Lesson 3-Inverter Converter.zip</p> <p>H026 Lesson 4-Power Diodes.zip</p> <p>http://www.filefactory.com/file/c0b1a8f/n/H026 Lesson 4-Power Diodes.zip</p> <p>H026 Lesson 5-AC Motor speed control.zip</p> <p>http://www.filefactory.com/file/c0b1ba7/n/H026 Lesson 5-AC Motor speed control.zip</p> <p>H026 Lesson 6-Current fed inverter.zip</p> <p>http://www.filefactory.com/file/c0b1b0d/n/H026 Lesson 6-Current fed inverter.zip</p>
6	<p>Click HERE to download other Exercises</p>
7	<p>EE07 & EE011 units mapping for Theory study & Exercises</p>
8	<p>http://www.filefactory.com/file/3qun68epu0lp/n/Advanced_Diploma_in_Electrical_Engineering_Exercises_EE011.pdf</p>
9	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p>Practicals Work performance and practical instruction Click HERE to download practicals</p>
10	
11	<p>BACK UP FOR 2</p>

Study Guide EE07 & EE011

What to study		Which exercises to do			What practical to do	Resources
Main study		Additional study For EE07+EE011 +Video	Main exercise			
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07		
UEENEEI020B Provide solutions to problems in basic industrial control systems	UEENEEI129A Set up electronically controlled mechanically operated complex systems	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below See 10 below
Study Option 1	Study Option 1	EE011 = EE07 + Additional				
See 1 below	See 3 below					
Study Option 2	Study Option 2					
See 2 below	See 4 below					

1	<p><u>I020 Part 1</u></p> <p>http://www.filefactory.com/file/1xq2qz7knp3z/n/I020_Part_1_zip</p> <p><u>I020 Part 2</u></p> <p>http://www.filefactory.com/file/7338x8vlldrj/n/I020_Part_2_zip</p>
2	<p>PID.zip</p> <p>I008I020D034F014DataCommA.zip</p> <p>I008I020D034F014DataCommB.zip</p> <p>I008I020D034F014DataCommC.zip</p> <p>Microprocessor_Notes_upload.zip</p>

	<p>Microprocessor_Textbook_to_upload.zip</p> <p>Microprocessor_References_to_upload.zip</p> <p>in</p> <p>Stage 4 Part 3.zip</p> <p>http://www.filefactory.com/file/c3fc837/n/Stage_4_Part_3.zip</p> <p>Computer and Networks 1</p> <p>Stage 4 Part 5A.zip</p> <p>http://www.filefactory.com/file/c0cc4a1/n/Stage_4_Part_5A.zip</p> <p>MPLAB_IDE_8_50</p> <p>Stage 4 Part 5B.zip</p> <p>http://www.filefactory.com/file/c0c3a6e/n/Stage_4_Part_5B.zip</p> <p>MPLAB</p> <p>Stage 4 Part 6.zip</p> <p>http://www.filefactory.com/file/c0cc4fe/n/Stage_4_Part_6.zip</p>
3	<p>I020 Part 1</p> <p>http://www.filefactory.com/file/1xq2qz7knp3z/n/I020_Part_1_zip</p> <p>I020 Part 2</p> <p>http://www.filefactory.com/file/7338x8vlddrj/n/I020_Part_2_zip</p>
4	
5	
6	

7	EE07 & EE011 units mapping for Theory study & Exercises To be advised
8	http://www.filefactory.com/file/3qun68epu0lp/n/Advanced_Diploma_in_Electrical_Engineering_Exercises_EE011_pdf
9	EE0 & EE011 units mapping for Theory study & Exercises <u>Practicals</u> <u>Work performance and practical instruction</u> Click <u>HERE</u> to download practicals
10	<u>Stage 4 Part 6.zip</u> http://www.filefactory.com/file/c0cc4fe/n/Stage_4_Part_6.zip Micro prosessor Text book to upload Microprocessor References to upload Microprocessor References Digital Electronics <u>Additional 4.zip</u> http://www.filefactory.com/file/c0cb65c/n/Additional_4.zip
11	<u>BACK UP FOR 10</u>

Study Guide EE07 & EE011

What to study		Which exercises to do				What practical to do	Resources
Main study		Additional study For EE07+EE011 +Video	Main exercise		Additional exercises for EE011		
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
UEENEEH045B Develop solutions to analogue electronic problems	UEENEEI124A Fault find and repair analogue circuits and components in electronic control systems	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1	Study Option 1	EE011 = EE07 + Additional					
See 1 below	See 3 below						
Study Option 2	Study Option 2						
See 2 below	See 4 below						

1	<p>H045 Lesson 1 Op-amp.zip http://www.filefactory.com/file/c0b1b3a/n/H045_Lesson_1_Op-amp.zip</p> <p>H045 Lesson 1 Op-amp http://uploading.com/files/71eea449/H045%2BLesson%2B1%2BOp-amp.zip/</p> <p>H045 Lesson 2 DC Non idealities.zip http://www.filefactory.com/file/c0b1b5b/n/H045_Lesson_2_DC_Non_idealities.zip</p> <p>H045 Lesson 2 DC Non idealities http://uploading.com/files/d7m38ed3/H045%2BLesson%2B2%2BDC%2BNon%2Bidealities.zip/</p> <p>H045 Lesson 3 Bias compensation.zip http://www.filefactory.com/file/c0b1b86/n/H045_Lesson_3_Bias_compensation.zip</p> <p>H045 Lesson 4 Slew rate.zip http://www.filefactory.com/file/c0b1ca0/n/H045_Lesson_4_Slew_rate.zip</p>
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	<p>H045 Lesson 5 AC Noise.zip http://www.filefactory.com/file/c0b1cb2/n/H045_Lesson_5_AC_Noise.zip</p> <p>H045 Lesson 5 AC Noise http://uploading.com/files/6dmm1ccf/H045%2BLesson%2B5%2BAC%2BNoise.zip/</p> <p>H045 Lesson 6 Source noise resistance.zip http://www.filefactory.com/file/c268af2/n/H045_Lesson_6_Source_noise_resistance.zip</p> <p>H045 Lesson 7 Signal to noise ratio.zip http://www.filefactory.com/file/c0b1cff/n/H045_Lesson_7_Signal_to_noise_ratio.zip</p> <p>H045 Lesson 8 Frequency compensation.zip http://www.filefactory.com/file/c0b1c0e/n/H045_Lesson_8_Frequency_compensation.zip</p> <p>H045 Lesson 8 Frequency compensation http://uploading.com/files/3955e1e1/H045%2BLesson%2B8%2BFrequency%2Bcompensation.zip/</p> <p>H045 Lesson 9 Stability analysis.zip http://www.filefactory.com/file/c0b1c95/n/H045_Lesson_9_Stability_analysis.zip</p> <p>H045 Lesson 10 Feedforward compensation.zip http://www.filefactory.com/file/c0b1c56/n/H045_Lesson_10_Feedforward_compensation.zip</p>
2	<p>http://www.filefactory.com/file/c0ccdbc/n/Stage_3_Part_2.zip</p> <p>Analog1</p> <p>Analog2</p>
3	As 1
4	As 2

Analogue Electronics

H045 Lesson 1 Op-amp.zip

http://www.filefactory.com/file/c0b1b3a/n/H045_Lesson_1_Op-amp.zip

H045 Lesson 2 DC Non idealities.zip

http://www.filefactory.com/file/c0b1b5b/n/H045_Lesson_2_DC_Non_idealities.zip

H045 Lesson 3 Bias compensation.zip

http://www.filefactory.com/file/c0b1b86/n/H045_Lesson_3_Bias_compensation.zip

H045 Lesson 4 Slew rate.zip

http://www.filefactory.com/file/c0b1ca0/n/H045_Lesson_4_Slew_rate.zip

H045 Lesson 5 AC Noise.zip

http://www.filefactory.com/file/c0b1cb2/n/H045_Lesson_5_AC_Noise.zip

H045 Lesson 6 Source noise resistance.zip

http://www.filefactory.com/file/c268af2/n/H045_Lesson_6_Source_noise_resistance.zip

H045 Lesson 7 Signal to noise ratio.zip

http://www.filefactory.com/file/c0b1cff/n/H045_Lesson_7_Signal_to_noise_ratio.zip

H045 Lesson 8 Frequency compensation.zip

http://www.filefactory.com/file/c0b1c0e/n/H045_Lesson_8_Frequency_compensation.zip

	<p>H045 Lesson 9 Stability analysis.zip</p> <p>http://www.filefactory.com/file/c0b1c95/n/H045_Lesson_9_Stability_analysis.zip</p> <p>H045 Lesson 10 Feedforward compensation.zip</p> <p>http://www.filefactory.com/file/c0b1c56/n/H045_Lesson_10_Feedforward_compensation.zip</p>
6	Click HERE to download other Exercises
7	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p>Electronics_H045_Tutorials</p> <p>in</p> <p>Stage 3 Part 4.zip</p> <p>http://www.filefactory.com/file/c0ccd9a/n/Stage_3_Part_4.zip</p>
8	http://www.filefactory.com/file/3qun68epu0lp/n/Advanced_Diploma_in_Electrical_Engineering_Exercises_EE011_pdf
9	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p>Practicals Work performance and practical instruction</p> <p>Click HERE to download practicals</p>
10	
11	<u>BACK UP FOR 2</u>

Study Guide EE07 & EE011

What to study		Which exercises to do			What practical to do	Resources	
Main study		Additional study For EE07+EE011 +Video	Main exercise				
EE07 Unit	EE011 Unit			Study Option (1) EE-07	Study Option (2) EE-07		
UEENEEK041B Develop strategies for effective energy reduction in buildings	UEENEEK151A Develop effective engineering strategies for energy reduction in buildings	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1 See 1 below	Study Option 1 See 3 below	EE011 = EE07 + Additional					
Study Option 2 See 2 below	Study Option 2 See 4 below						

1	<p>Building Design+Material Science-K041+E047.zip</p> <p>http://www.filefactory.com/file/c0b645d/n/Building_Design_Material_Science-K041_E047.zip</p>
2	<p>Stage 3 Part 7.zip</p> <p>http://www.filefactory.com/file/c0ccfc7/n/Stage_3_Part_7.zip</p> <p>HazardLightingPanel</p> <p>K041 Building Design 1</p> <p>K041 Building Design 2</p> <p>K041Airconditioning</p> <p>K041Energy Management Textbook</p>

	<p>Stage 3 Part 3.zip http://www.filefactory.com/file/c0ccd44/n/Stage_3_Part_3.zip</p> <p>E047 Mech</p>
3	As 1
4	As 2
5	<p><u>Renewable Energy+ Energy Efficiency</u></p> <p>K041 Lesson 1-Solar Design.zip http://www.filefactory.com/file/c0b6a9f/n/K041_Lesson_1-Solar_Design.zip</p> <p>K041 Lesson 2-Basic psychrometric chart.zip http://www.filefactory.com/file/c0b6bc9/n/K041_Lesson_2-Basic_psychrometric_chart.zip</p> <p>K041 Lesson 3-Total heat resistance.zip http://www.filefactory.com/file/c0b6b18/n/K041_Lesson_3-Total_heat_resistance.zip</p> <p>K041 Lesson 4-U value Heat conductance calculation.zip http://www.filefactory.com/file/c0b6b57/n/K041_Lesson_4-U_value_Heat_conductance_calculation.zip</p> <p>K041 Lesson 5-Glazing+Net Heat gain heat loss.zip http://www.filefactory.com/file/c0b6cc2/n/K041_Lesson_5-Glazing_Net_Heat_gain_heat_loss.zip</p>

K041 Lesson 6-Shading.zip

http://www.filefactory.com/file/c0b6cd7/n/K041_Lesson_6-Shading.zip

K041 Lesson 7-Insulation+ Thermal mass.zip

http://www.filefactory.com/file/c0b6c06/n/K041_Lesson_7-Insulation_Thermal_mass.zip

K041 Lesson 8-Thermal mass insulation.zip

http://www.filefactory.com/file/c0b6c30/n/K041_Lesson_8-Thermal_mass_insulation.zip

K041 Lesson 9-Airconditioning load calculation.zip

http://www.filefactory.com/file/c0b6dc8/n/K041_Lesson_9-Airconditioning_load_calculation.zip

K041 Lesson 10-Heat gain per day.zip

http://www.filefactory.com/file/c0b6dfe/n/K041_Lesson_10-Heat_gain_per_day.zip

K041 Lesson 11-Ventilation.zip

http://www.filefactory.com/file/c0b6d13/n/K041_Lesson_11-Ventilation.zip

K041 Lesson 12-Building heating load

http://www.filefactory.com/file/c0b6d47/n/K041_Lesson_12-Building_heating_load_calculation.zip

[K041 Lesson 14-Design for Australian climate.zip](#)

http://www.filefactory.com/file/c0b6d76/n/K041_Lesson_14-Design_for_Australian_climate.zip

[K041 Lesson 15-Domestic solar hot water system.zip](#)

http://www.filefactory.com/file/c0b6eaf/n/K041_Lesson_15-Domestic_solar_hot_water_system.zip

[K041 Lesson 16-Energy efficiency+Lighting.zip](#)

http://www.filefactory.com/file/c0b6e0f/n/K041_Lesson_16-Energy_efficiency_Lighting.zip

[K041 Lesson 17-Illumination+Smoke alarm.zip](#)

http://www.filefactory.com/file/c0b6fc5/n/K041_Lesson_17-Illumination_Smoke_alarm.zip

[K041 Lesson 18-Water supply.zip](#)

http://www.filefactory.com/file/c0b61ec/n/K041_Lesson_18-Water_supply.zip

[K041 Lesson 19-Ventilation+Lighting control.zip](#)

http://www.filefactory.com/file/c0b6058/n/K041_Lesson_19-Ventilation+Lighting_control.zip

	<p>K041 Lesson 20-Electrical system design.zip</p> <p>http://www.filefactory.com/file/c0b6085/n/K041 Lesson 20-Electrical system design.zip</p> <p>K041 Lesson 21-Building materials.zip</p> <p>http://www.filefactory.com/file/c0b61b8/n/K041 Lesson 21-Building materials.zip</p>
6	Click HERE to download other Exercises
7	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p>UEENEEK041B_E047B_Tutorials</p> <p>Energy_survey_assignment</p> <p>in</p> <p>Stage 3 Part 8.zip</p> <p>http://www.filefactory.com/file/c0ccf09/n/Stage_3_Part_8.zip</p>
8	http://www.filefactory.com/file/3qun68epu0lp/n/Advanced Diploma in Electrical Engineering Exercises EE011.pdf
9	<p>E07 & EE011 units mapping for Theory study & Exercises</p> <p>Assignment + Project work</p>

10	<p>K041 Text book</p> <p>http://www.filefactory.com/file/61dmv976e7tl/n/K041Textbook1_zip</p> <p>http://www.filefactory.com/file/4lsx0pk00gui/n/K041Textbook2_zip</p> <p>http://www.filefactory.com/file/2kwcxkrnasvf/n/K041Textbook3_zip</p>
11	<p><u>BACK UP FOR 2 & 10</u></p>

Study Guide EE07 & EE011

What to study		Which exercises to do		What practical to do	Resources		
Main study	Additional study	Main exercise	Additional exercises				
EE07 Unit	EE011 Unit	For EE07+EE011 +Video	Study Option (1) EE-07	Study Option (2) EE-07	for EE011		
UEENEEK032B Develop strategies to address sustainability issues	UEENEEK132A Develop strategies to address environmental and sustainability issues in the energy sector	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1	Study Option 1	EE011 = EE07 + Additional					
See 1 below	See 3 below						
Study Option 2	Study Option 2						
See 2 below	See 4 below						

1	http://www.filefactory.com/file/1mr75xfm92ux/n/K032_zip Click the above link to download the contents in roll 2	
2	Lesson Week1 Week 2 Week 2 Week 3 Week 3 Week 4 Week 4 Week 5 Week 5 Week 6 Week 6 Week 7 Week 7 Week 8 Week 8 Week 9 Week 9 Week 10 Week 10 Week 11 Week 11 Week 12 Week 12 Week 13 Week 13 Week 14 Week 14	 Lesson 1a Lesson 1b Lesson 1 c Lesson 2a Lesson 2b Lesson 2c Lesson 2d Lesson 3a Lesson 3b Energy Analysis + Renewable Energy Lesson 4 -NREL Energy Analysis Lesson 5a Lesson 5b Lesson 5c Renewable Energy Resources Lesson 6 - Renewable Energy Packages Primary Energy Emboddied Energy Lesson 7a Lesson 7b Lesson 8 Climate Change Energy Efficiency & global warming Lesson 9-End Use Energy Part 1 Part 2 Part 3 Basket Products Appliances Star Rating Lesson 10-Solar Energy Part 1a Part 1b Lesson 11-Solar Energy Part 2a Part 2b Lesson 12-Solar Energy Part 3 Lesson 13-Micro Hydro Power Plants Lesson 14-Wind Energy -Part 1 Wind Part 2 Wind Energy Concept

			Part 3 Wind Energy Conversion
Week 8	Week 15	Lesson 15- Part 1 Wind Energy Part 2PID Wind Energy Conversion Part 3 Low & medium voltage conversion	
	Week 16	Lesson 16 Part 1 Control Structure Part 2 Doubly fed generator	
Week 9	Week 17	Lesson 17- Stand Alone Power System Part 1 Part 2-Wind + stand Alone Standard	
3	As 2		
4			
5			
6	Assignment to be advised		
7	Assignment to be advised		
8			
9			
10			

Study Guide EE07 & EE011

What to study		Which exercises to do			What practical to do	Resources	
Main study		Additional study For EE07+EE011 +Video	Main exercise		Additional exercises for EE011		
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
UEENEEK035B Design grid connected power supply systems	UEENEEK135A Design grid connected photovoltaic power supply systems UEENEEK148A Install, configure and	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below

	commission LV grid connected photovoltaic power systems						
Study Option 1	Study Option 1	EE011 = EE07 + Additional					
See 1 below	See 3 below						
Study Option 2	Study Option 2						
See 2 below	See 4 below						

1	Renewable Energy-K025+K035.zip http://www.filefactory.com/file/c0b7c5e/n/Renewable_Energy-K025_K035.zip
2	Stage 4 Part 17.zip http://www.filefactory.com/file/c0cc76b/n/Stage_4_Part_17.zip K035Inverter K035PV Inverter
3	As 1
4	As 2
5	www.electricaldiploma.zoomshare.com Islanding to download the followings 2.bUnintentional islanding in distribution grids with a high penetration of inverter-based DG.mht 2.Un intentional islanding in distribution grids-Part 2 2.c.pdf 2.Un intentional islanding in distribution grids-Part 3 2.d-1.pdf 2.Distribution Network 1 2b Distribution Network.pdf

[2.Distribution Network 2 2d-2.pdf](#)

[2.Distribution Network 3 2d-3.pdfRenewable Energy+ Photovoltaic Inverter](#)

K035 Lesson 1-Inverter principle.zip

http://www.filefactory.com/file/c0b6a01/n/K035_Lesson_1-Inverter_principle.zip

K035 Lesson 2-Modified sine wave inverter.zip

http://www.filefactory.com/file/c0b6a26/n/K035_Lesson_2-Modified_sine_wave_inverter.zip

K035 Lesson 3-Pulse width modulation.zip

http://www.filefactory.com/file/c0b6a33/n/K035_Lesson_3-Pulse_width_modulation.zip

K035 Lesson 4-PV Inverter.zip

http://www.filefactory.com/file/c0b6a6c/n/K035_Lesson_4-PV_Inverter.zip

K035 Lesson-5 MOSFET Driver.zip

http://www.filefactory.com/file/c0b5978/n/K035_Lesson-5_MOSFET_Driver.zip

K035 Lesson-6 PWM Inverter.zip

http://www.filefactory.com/file/c0b6ac2/n/K035_Lesson-6_PWM_Inverter.zip

	<p>K035 Lesson-7 Grid Connected Inverter.zip</p> <p>http://www.filefactory.com/file/c108253/n/K035 Lesson-7 Grid Connected Inverter.zip</p> <p>K035 Lesson-8 Inverter Power Flow Model.zip</p> <p>http://www.filefactory.com/file/c0b6aff/n/K035 Lesson-8 Inverter Power Flow Model.zip</p>
6	<p>Click HERE to download other Exercises</p>
7	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p>Stage 4 Part 16.zip</p> <p>http://www.filefactory.com/file/c0cc703/n/Stage 4 Part 16.zip</p> <p>K035_Tutorials.zip</p>
8	<p>Solar Power System Design Project work</p> <p>http://www.filefactory.com/file/3qun68epu0lp/n/Advanced Diploma in Electrical Engineering Exercises EE011 .pdf</p>
9	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p>Practicals Work performance and practical instruction</p> <p>Click HERE to download practicals</p>
10	<p>Solar Inspector Training.zip</p>

ESI_22.2_Voltage_surge_control.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

ESI_25_27_31_32_Part_2_Installation_and_testing_0.zip

ESI_25_27_31_32_Part_3_Electrical_Drawing.zip

ESI_25_27_31_32_Part_4_Data_Com_and_Wiring.zip

ESI_25_27_31_32_Part_5_Installation_Work_Books.zip

ESI_25_27_31_32_Part_6_Switching_1_2.zip

ESI_25_27_31_32_Part_7_Switching_3_4.zip

ESI_25_27_31_32_Part_8a_Electrical_Installation_Requirement_1.zip

ESI_25_27_31_32_Part_8b_Electrical_Installation_Requirement_2.zip

ESI_13_Voltage_Regulating_Devices.zip

ESI_27.7_CT_and_PT.zip

ESI_27.9_Comparator.zip ESI_27.10_Static_relay.zip ESI_27.11_Test_and_maintenance.zip

In

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11	<u>BACK UP FOR 2 & 10</u>

Study Guide EE07 & EE011

What to study		Which exercises to do			What practical to do	Resources	
Main study		Additional study For EE07+EE011 +Video	Main exercise				Additional exercises for EE011
EE07 Unit	EE011 Unit		Study Option (1) EE-07	Study Option (2) EE-07			
UEENEEK025C Solve basic problems in photovoltaic energy apparatus	UEENEEK125A Solve basic problems in photovoltaic energy apparatus and systems	See 5 below	See 6 below	See 7 below	See 8 below	See 9 below	See 10 below
Study Option 1 See 1 below	Study Option 1 See 3 below	EE011 = EE07 + Additional					
Study Option 2 See 2 below	Study Option 2 See 4 below						

1	Renewable Energy-K025+K035.zip http://www.filefactory.com/file/c0b7c5e/n/Renewable_Energy-K025_K035.zip
2	Stage 2 Part 4.zip http://www.filefactory.com/file/c0ccb53/n/Stage_2_Part_4.zip K025 Note 1 K025 Note 2
3	As 1
4	As 2

5	<p>Renewable Energy-K025+K035.zip</p> <p>http://www.filefactory.com/file/c0b7c5e/n/Renewable_Energy-K025_K035.zip</p>
6	<p>Click HERE to download other Exercises</p>
7	<p>EE07 & EE011 units mapping for Theory study & Exercises</p> <p>Stage 2 Part 4.zip</p> <p>http://www.filefactory.com/file/c0ccb53/n/Stage_2_Part_4.zip</p> <p>K025_Tutorials</p>
8	<p>http://www.filefactory.com/file/3qun68epu0lp/n/Advanced_Diploma_in_Electrical_Engineering_Exercises_EE011_pdf</p>
9	<p>EE07& EE011 units mapping for Theory study & Exercises</p> <p>Practicals Work performance and practical instruction</p> <p>Click HERE to download practicals</p>
10	<p>K025 Resources</p> <p>Stage 2 Part 5.zip</p> <p>http://www.filefactory.com/file/c0cc187/n/Stage_2_Part_5.zip</p> <p>Protection_1</p> <p>Protection_2</p> <p>PV_System_installation_Overview_-_PV_Power_Systems</p> <p>PVSoftware</p> <p>Regulatory_Requirement</p> <p>SPS_Components</p> <p>Stage 2 Part 2A.zip</p> <p>http://www.filefactory.com/file/c0cca4a/n/Stage_2_Part_2A.zip</p>

	<p>Electrical_safe_working</p> <p>Electrical_trade_review_questions_and_answers</p> <p>ELV_Accessories_-_SPS_Components</p> <p>ELV_Cable_termination</p> <p>Stage 3 Part 1B.zip http://www.filefactory.com/file/c0ccc42/n/Stage_3_Part_1B.zip</p> <p>Cable_CktProt_E_Accessories</p> <p>Cable_Conduit_E_Accessories</p>
11	<u>BACK UP FOR 2 & 10</u>