

BACHELOR OF ENGINEERING (CIVIL)

LEARNING SYSTEM

Course Object

<http://www.highlightcomputer.com/objectives.htm#c>

Curriculum& Syllabus

[http://highlightcomputer.com/B%20E+B%20App%20Sc\(IT\)+B%20Bus%20Course%20Detailed%20Contents.htm#a2](http://highlightcomputer.com/B%20E+B%20App%20Sc(IT)+B%20Bus%20Course%20Detailed%20Contents.htm#a2)

[Bachelor of Engineering \(Civil Engineering-Building Services\) Course Outline](#)

Detailed Contents

[http://highlightcomputer.com/B%20E+B%20App%20Sc\(IT\)+B%20Bus%20Course%20Detailed%20Contents.htm#a2](http://highlightcomputer.com/B%20E+B%20App%20Sc(IT)+B%20Bus%20Course%20Detailed%20Contents.htm#a2)

ASSESSMENT POLICY

<http://www.highlightcomputer.com/assessmentpolicy.htm#c>

BE General Discipline (Total 12 units)Specialized Discipline

YEAR 2+3

1 BAE 401 Advanced Engineering Mathematics

TUTORING LESSONS

www.iqytechnicalcollege.com/BAE401.zip

2 BAE 402 Calculus

TUTORING LESSONS

www.iqytechnicalcollege.com/BAE402.zip

BAE 402 Calculus Test.pdf (5.34MB)

http://www.filefactory.com/file/1snvfcaz08y9/n/BAE_402_Calculus_Test.pdf

BAE 401 Adv Engg Maths Test.pdf (6.19MB)

http://www.filefactory.com/file/dbxhi97np5z/n/BAE_401_Adv_Engg_Maths_Test.pdf

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VIDEOS

<http://www.highlightcomputer.com/videos1.htm>

BAE 401 Advanced Engineering Mathematics +BAE 402 Calculus also B App Sc (IT) Course (ICT 401+402)

BAE 401 Advanced Engineering Mathematics +BAE 402 Calculus also B App Sc (IT) Course (ICT 401+402)

[Instruction](#)

[Instruction](#)

[Video+TextBooks](#)

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3 BAE 403 Engineering Mechanics

TUTORING LESSONS

www.iqytechnicalcollege.com/BAE403.zip

BAE 403 Engineering Mechanics

[Instruction](#)

[Video+TextBooks](#)

4 BAE 404 Engineering Materials & Thermodynamics

TUTORING LESSONS

www.iqytechnicalcollege.com/BAE404.zip

BAE 404 Engg Thermodynamics+Strength of Materials Test.pdf (12.44MB)

[http://www.filefactory.com/file/3vsonvnumqt1/n/BAE 404 Engg Thermodynamics+Strength of Materials Test.pdf](http://www.filefactory.com/file/3vsonvnumqt1/n/BAE_404_Engg_Thermodynamics+Strength_of_Materials_Test.pdf)

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BAE 403 Engineering Mechanics Test.pdf (10.29MB)

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VIDEOS

<http://www.highlightcomputer.com/videos1.htm>

BAE 403 Engineering Mechanics

[Instruction](#)

[Video+TextBooks](#)

BAE 404 Engineering Materials & Thermodynamics

[Instruction](#)

[Video+TextBooks](#)

5 RE001- Foundation Studies in Renewable Energy and Sustainability

[TUTORING LESSONS](#)

www.iqytechnicalcollege.com/RE001.pdf

VIDEOS

<http://www.highlightcomputer.com/videos1.htm>

RE011b-Civil & Mechanical Engineering Part 2a-(Mechanical +Civil)

[Instruction](#)

[Video+TextBooks](#)

ENERGY101A FOUNDATION STUDIES IN RENEWABLE ENERGY AND SUSTAINABILITY

Formative Assessment Questions _____

Slide 1

Q1.What are three different motivations that drive today's energy discussions?

Slide 2

Q2.How does the climate change motivation argued?

Slide 3

Q3.How does the burning of fossil fuels cause pollutions in atmosphere?

Slide 4

Q4.Describe the composition of green house gas.

Slide 5

Q5.How does we estimate the change of global temperature?

Slide 6

Q6.Why does CO₂ emission need to be reduced?

Slide 7

Q7.What are the effects to earth if the current level of CO₂ emission continue?

Slide 9 to 10

Q8.Explain Australian Energy resources.

Slide 12

Q9.explain Australian Energy consumption.

Slide 13

Q10.Explain Australian Electricity Consumption

Slide 14 to 16

Q11+12 Describe the advantages & disadvantages of using coal as energy source.

Slide 17

Q13.Describe the crude oil usage in Australia.

Slide 18

Q14.Describe the natural gas usage in Australia.

Fundamental of Physic _____s

Page 1198, 1224 Fig 43.2, Page 1226 Fig 43.3, Page 1229 Fig 43.4, Page 1230 Fig 43.5

Q15.Explain

1. Nuclear Binding Energy
2. Nuclear Fission
3. Sketch the model of nuclear fission
4. Nuclear reactor

Slide 20 +21

Q16.Describe the ways that raw solar power is turned in to useful power.

Slide 22+23+24

Q17.Explain the available power from solar photovoltaic system.

Slide 25

Q18.Explain solar farming

Slide 26 to 29

Q19.Explain solar bio-mass.

Slide 30

Q20.How can we adjust ZCA 2020?

Slide 31

Q21.Explain small scale solar technology.

Slide 32 to 35

Q22.How much wind power could we plausibly generate?

Slide 38

Q23. Why do we need to have an energy plan that adds up every minute of every day?

Slide 39+40

Q24. How can we reduce the intermittent operation of wind power plant?

Slide 41

Q25. Explain the energy storage system for wind energy.

Slide 42+43

Q26. Explain the potentials of wind energy in Australia.

Slide 44 to 47

Q27. Explain the principle of hydro electric power.

Slide 48+49

Q28. Explain the advantage of hydro power to provide switch on/ off rate of high power.

Slide 50 to 57

Q29. Explain the pump storage system for hydro power.

Slide 58

Q30. How can we balance the fluctuating demand and fluctuating supply of electricity?

Slide 59

Q31. Explain the idea of modifying the rate of production of stuff to match the power of a renewable source.

Slide 60+61

Q32.Explain controlling electricity demand automatically.

Slide 62 to 67

Q33. Explain the use of geothermal energy.

Slide 68 to 70

Q34.Explain Geothermal power as mining.

Slide 71 to 73

Q35.What are the major types of geothermal energy resources?

Slide 74

Q36.How does geothermal energy create from hot dry rocks?

Slide 75

Q37.What are the advantages and disadvantages of geothermal energy?

Slide 76

Q38.Where is geothermal energy used in Australia?

Slide 77

Q39.Explain energy crops.

Slide 78

Q40.What makes the energy crops for bio-energy so unique from other renewable energy sources?

Slide 79 to 83

Q41.Explain the occurrences of ocean waves that moves with velocity 16 m/s and period 10 sec.

Slide 87+88

Q43.Write the formula to calculate the potential energy produced by wave.

Slide 89

Q44.Calculate tidal power produced by ocean wave if velocity 16 m/ s and height 1m , relative density= 1

Slide 90

Q45.Explain the operation of deep water device in wave power generation.

Slide 91

Q46. Explain the operation of shallow water device in wave power generation.

Slide 92 to 97

Q47.Explain the power density of tidal pool

Slide 98

Q48.Write the equation to calculate the pack kinetic energy flux at any section.

Slide 99 to 101

Q49.Write the following equations

- (a) Power of shallow water tidal wave.
- (b) Kinetic energy flux

(c) The ratio of kinetic energy flux to power.

Slide 101 to 103

Q50. Write the equation that relates to power per tide mill and area per tide mill.

Slide 105 to 108

Q51. Explain the followings.

(a) Sustainable Energy

(b) Green Energy

Slide 109 to 110

Q52. Explain (a) Renewable Energy Technology (b) First/ Second & Third Generation of RE

Slide 111

Q53. Describe the energy cost of eating foods and fertilizer and other energy costs in farming.

Slide 112

Q54. Describe the climate zones of Australia

Slide 113

Q55. What is passive design?

Slide 114

Q56. Explain the design for climate with the aspects of orientation and shading

Slide 115+116

Q57.Explain passive solar heating system.

Slide 117 to 120

Q58.Explain the followings

- (a) Passive cooling
- (b) Insulation
- (c) Thermal mass
- (d) Glazing

Slide 123

Q59.Describe key design features for zone 1 High humid summer/ warm winter.

Slide 124+ 125

Q60.What should be done for building design in zone 2 warm humid summer and mild winter and what should be avoided?

Slide 126

Q61.Describe the key design features for zone 3 hot dry summer/ warm winter

Slide 127+128

Q62.What should be done for building in zone 4 hot dry summer/ cool winter

and what
should be avoided?

Slide 129+130

Q63. Describe the key design features for zone 5 warm temperate?

Slide 131+132

Q64. Describe the key features of zone 6 mild temperate

Slide 133+134

Q65. Describe the key design features for zone 7 cool temperate.

Slide 135+136

Q66. Describe the key design features for zone 8 Alpine.

Slide 138+139

Q67. How do you understand human thermal comfort?

Slide 140+141

Q68. Describe the factors that contribute to the loss and gain of body heat.

Slide 142

Q69. Sketch the diagram of orientation for passive heating

Slide 143+144

Q70. To design the house, what research should be done on local climate?

Slide 145+146

Q71. Describe the choosing of site for house.

Slide 147

Q72. Explain orientation for passive cooling.

Slide 150 to 154

Q73.Explain shading of house.

Slide 155

Q74.Sketch the suitable shading for high humid climate.

Slide 156

Q75.Sketch the suitable shading for hot dry climate.

Slide 157

Q76.Sketch the suitable shading for warm humid and warm mild temperate climate.

Slide 158+159

Q77.What is passive solar heating?

Slide 160 to 163

Q78. Explain passive solar cooling

Slide 164 to 166

Q79.What is the function of insulation?

Slide 167

Q80.Explain how the insulation impacts on the heat flow through the walls.

Slide 168+169

Q81.Sketch the insulation installation schedule for roof and floor.

Slide 170 to 172

Q82.What is thermal mass?

Slide 173 to 175

Q83.Describe glazing.

Slide 176, 177

Q84.Explain energy usage by a car.

Slide 178

Q85.A Boeing 747-400 with 240000 litres of fuel carries 416 passengers about 14200 km . Fuel calorific value is 10 Kwh/ litre. Calculate the energy used for a passenger and energy consumption per year for one trip per year.

Slide 179

Q86.Explain the detailed concepts of energy used to reduce the energy consumption.

Slide 180 to 184

Q87.Explain basic idea to reduce the energy consumption by a moving vehicle.

Slide 185

Q88.What is re-generative braking and how energy can be captured by using this method?

Slide 186

Q89.Explain electric car.

Slide 187

Q90.Explain energy use reduction in international shipping.

Slide 188

Q91.Explain magnetic levitation

Slide 189

Q92.Describe how energy is used in 4 phases of manufacturing system.

Slide 190 to 193

Q93.Show some embodied energy of building materials.

Slide 194

Q94.How can we reduce the energy by applying transport electrification and made shift to public transport?

6.RE003- Solar and Thermal Energy Systems

TUTORING LESSONS

www.iqytechnicalcollege.com/RE003.zip

VIDEOS

<http://www.highlightcomputer.com/videos1.htm>

RE003- Solar and Thermal Energy Systems

Instruction

Video+TextBooks

K035 Tests _____

Ref 605

Inverter is

- (a) Electrical device that converts direct current to alternating current
- (b) Electrical device that converts alternating current to direct current
- (c) Electrical device that converts alternating current to another level of alternating current
- (d) Electrical device that converts direct current to another level of direct current

The diagram illustrates the construction of a line segment AB and its extension to point C . A horizontal line contains points A , C , and D in that order. A vertical line segment BD is drawn from point B to point D on the line ACD . The segment BD is perpendicular to the line ACD . The segment AB is drawn from point A to point B . The segment BC is the extension of AB from B through C to point D .

Ref 606

By switching the DC current rapidly, it can form

- (a) Wave with higher value
(b) Alternating wave
(c) Nothing coming out
(d) Constant wave

(c) Constant wave

	A	B	C	D
Constant wave				

Answer

Ref 607

PWM-Pulse width modulating is to provide

- (a) The regulated out put voltage
- (b) To fix the output value at constant
- (c) To regulate the width of a square wave pulse to regulate or adjust the inverter's output voltage
- (d) To amplify the voltage

A

Ref 608

Which type of oscillator is utilized in sine wave inverter

- (a) Buddba oscillator
- (b) Wien bridge oscillator
- (c) Butterworth oscillator
- (d) Carrier wave oscillator

A

B

C

D

Answer

Ref 609

Which type of switch is mostly utilized in PWM inverter driver circuit?

- (a) H Bridge MOSFET switch
- (b) Change over switch
- (c) Cascaded transistor switches
- (d) By pass switch

Ref 610

Which order is correct to arrange the solar inverter system?

- (a) Solar array, ac filter, inverter, line
- (b) Solar array, inverter, ac filter, line
- (c) Solar array, inverter, dc regulator, line
- (d) Solar array, dc regulator, line

Ref 611

What is the correct operating of islanding protection?

- (a) Detect the position of sun and rotate the solar arrays to face the direction of sun
- (b) Detect the shadow and regulate the current flow into solar array

(c) Detect the grid voltage when the grid voltage is zero, it switches off the inverter circuit

(d) Detect the grid voltage, when the grid voltage is zero, it switches on the inverter circuit

Ref 612

MOST FET driver circuit is connected to operate

(a) MOSFET Switches

(b) Filter

(c) Oscillator

(d) Voltage regulator

Ref 613

Which operation is the one that best describes the operation of filter

(a) In order to optimize the frequency, a switching frequency must be chosen which is low enough to keep the switches in line but high enough to make sure the filter inductor is not unnecessarily large

(b) In order to optimize the voltage, a switching voltage must be chosen which is low enough to keep the switches in line but high enough to make sure the filter inductor is not unnecessarily large

(c) In order to optimize the frequency, a switching frequency must be chosen which is high enough to keep the switches in line but high enough to make sure the filter inductor is not unnecessarily low

(d) In order to optimize the current, a switching current must be chosen which is low enough to keep the switches in line but high enough to make sure the filter inductor is not

unnecessarily large

Ref 614

Which type of filter is suitable for inverter filter design

- (a) High pass filter
- (b) Band pass filter
- (c) Band stop filter
- (d) Square wave low pass two pole filter

Ref 615

Which is the correct arrangement of Grid connected PV inverter system?

- (a) PV Modules, Inverter, AC isolator, DC isolator, meter/outlet, power grid
- (b) PV Modules, DC isolator, inverter, ac isolator, meter/ outlet, power grid
- (c) PV Modules, DC isolator, power grid
- (d) PV modules, DC Isolator, Battery charger, Inverter, AC isolator, power grid

7.RE004- Energy Storage Systems

TUTORING LESSONS

www.iqytechnicalcollege.com/RE004.zip

VIDEOS

<http://www.highlightcomputer.com/videos1.htm>

RE004- Energy Storage Systems+ RE006- Wind Energy Conversion Systems

[Instruction](#)

[Video+TextBooks](#)

AEEGY 201A Energy Storage System Part 1

Slide 1, 2, 3

Q1.Explain how the energy can be stored in different densities.

Slide 4

Q2.Explain the principle of energy carrier.

Slide 5

Q3.What are the key issues of energy storage?

Slide 6

Q4.What are the roles of energy storage system?

Slide 7

Q5.What are the challenges of energy storage system?

Slide 8

Q6.What are the constraints and criteria of choosing the energy storage technology based on application?

Slide 9+10

Q7.What are the key issues of the producers of products and how can energy management give the benefits to them?

Slide 11+12

Q8.What are the principle issues of power generation?

Slide 13+14

Q9.Why is energy storage important for wind power generation system in the aspect of stable frequency?

Slide 15

Q10.Explain the energy storage change management

Slide 16

Q11.How can energy storage improve voltage regulation?

Slide 17

Q12.How can energy storage system be used for transmission?

Slide 18+19

Q13.Explain how energy storage system used for distribution system.

Slide 20 to 22

Q14. How can energy storage improve the voltage stability in distribution network?

Slide 23

Q15.How is energy storage important for quality & continuity of supply?

Slide 24

Q16.Explain energy storage for balancing responsible party.

Slide 25, 26

Q17.Why is energy storage needed for PV power supply?

Slide 27, 28

Q18.Write the steps to be followed for sizing of energy storage for PV system.

Slide 29

Q19.Sketch the electrical network configuration.

Slide 30 to 32

Q20.How does energy storage play in electric network?

Slide 33

Q21.Describe the use of oxygen.

Slide 34, 35

Q22.Describe hydrogen storage

Slide 36 to 38

Q23.Explain the reservoir design procedures for pressurised hydrogen storage and cryogenic storage.

Slide 38

Q24.Explain static storage method of liquefied hydrogen.

Slide 39

Q25.Describe solid storage.

Slide 40 to 42

Q26.Describe how the reaction takes place in an energy storage system.

Slide 43

Q27. Discuss the hybrid storage system.

AEEGY 201A Energy Storage System Part 2

Slide 1

Q1. Why is energy storage needed in road transport system?

Slide 2, 3, 4

Q2. Explain the technical limitations of energy storage system.

Slide 5+6

Q3. Explain the operation of range extender.

Slide 7

Q4. Explain energy management and modelling for vehicle.

Slide 8 to 13

Q5. Explain the principle of electrical energy complementing another source-
Hydriding

Slide 14

Q6.Outline the criteria for energy storage.

Slide 15+16

Q7.Describe the range of power required by electronic equipments.

Slide 17+18

Q8.Explain capacitor storage.

Slide 19

Q9.Explain the principle of electro-chemical storage.

Slide 20

Q10.Describe the general features of fuel cell.

Slide 21

Q11.Describe the specific energy availability in hydro carbon

Slide 22 to 25

Q12.Explain the followings

(a) Power MEMS

(b) Mechanic –magnetic conversion

(c) Thermo electricity

Slide 25 to 32

Q13. Calculate the generator frequency for 1800 RPM , 4 poles generator with no load voltage 12 KV that supplies the load at 11KV . Calculate regulation.

Slide 30 to 32

Q14. Calculate the efficiency of the following load

Input = 28 BHP Output = 12 KW

Slide 33 to 35

Q15. Calculate the internal resistance of the following battery.

$$V_{nl} = 12V, \quad V_{fl} = 10V \quad I = 1A$$

Slide 36

Q16. Calculate V_{dc} for single phase half wave rectification. If $V_{max} = 14 V$.

Slide 37

Q17. If peak demand is 100 MW and average demand is 68 MW, calculate Load factor.

Slide 38 to 40

Q18. A building is constructed to provide the following thermal resistance.

Exterior = $R = 0.8$ ohm, Plywood sheet = $R = 0.75$, Building paper $R = 0.4$, Wall structure $R = 0.04$ Plaster $R = 0.35$, Insulation $R = 11$

Find total thermal resistance.

Q19. A steam power station has an overall efficiency of 20% and 0.6 kg of coal is burnt per kWh of electrical energy generated. Calculate the calorific value of fuel.

Q20. A thermal station has the following data :

Max. demand = 20,000 kW ; Load factor = 40%

Boiler efficiency = 85% ; Turbine efficiency = 90%

Coal consumption = 0.9 kg/kWh ; Cost of 1 ton of coal = Rs. 300

Determine (i) thermal efficiency and (ii) coal bill per annum.

Q21. A steam power station spends \$. 100000 per annum for coal used in the station. The coal has a calorific value of 5000 kcal/kg and costs \$ 100 per ton. If the station has thermal efficiency of 33% and electrical efficiency of 90%, find the average load on the station.

5 . x10⁶ cubic metres at a head of 200 metres. Find the total energy available in kWh if the overall efficiency is 75%.

Q28. A run-of-river hydro-electric plant with pondage has the following data :

Q22. A hydro-electric generating station is supplied from a reservoir of capacity

Installed capacity = 10 MW ; Water head, $H = 20$ m
 Overall efficiency, $\eta_{\text{overall}} = 80\%$; Load factor = 40%

Q29.

The weekly discharge of a typical hydroelectric plant is as under :

Day	Sun	Mon	Tue	Wed	Thurs	Fri	Sat
Discharge(m ³ /sec)	500	520	850	800	875	900	546

The plant has an effective head of 15 m and an overall efficiency of 85%. If the plant operates on 40% load factor, estimate

- (i) the average daily discharge (ii) pondage required and (iii) installed capacity of proposed plant.

Q30. A diesel power station has fuel consumption of 0.28 kg per kWh, the calorific value of fuel being 10,000 kcal/kg. Determine (i) the overall efficiency, and (ii) efficiency of the engine if alternator efficiency is 95%.

Q31. A diesel power station has the following data :

Fuel consumption/day = 1000 kg

Units generated/day = 4000 kWh

Calorific value of fuel = 10,000 kcal/kg

Alternator efficiency = 96%

Engine mech. efficiency = 95%

Estimate (i) specific fuel consumption, (ii) overall efficiency, and (iii) thermal efficiency of engine.

Q32. A diesel engine power plant has one 700 kW and two 500 kW generating units. The fuel consumption is 0.28 kg per kWh and the calorific value of fuel oil is 10200 kcal/kg.

Estimate

- (i) the fuel oil required for a month of 30 days and (ii) overall efficiency. Plant capacity factor = 40%.*

AEEGY 201A Energy Storage System Part 3

Slide 1

Q33. Describe non renewable and renewable chemical fuel.

Slide 2+3

Q34. Explain the evolution of molar energy during the reaction to form water.

Slide 4

Q35. Sketch the equivalent circuit for a conversion device that stores electrical energy in chemical form.

Slide 5 to 7

Q36. Describe solid state fuel cell with one example.

Slide 8+9

Q37. Explain the operation of fuel cell system.

Slide 17 to 20

Q38.What is a battery accumulator?

Slide 19+20

Q39. Explain

- (a)Faradic efficiency
- (b)Energy efficiency
- (c)Self discharge level

Slide 21 to 23

Q40.Explain Redox battery system.

Slide 26

Q41.Explain high voltage electrolyte

Slide 27 to 32

Q42.Explain the operation of super capacitor & sketch electric & thermal

model of it.

Slide 33

Q43.Sketch the diagram for balancing voltage of super capacitor

Slide 34

Q44.Describe two applications of super capacitor.

Slide 35 to 37

Q45.Describe hybrid system

Q5.Explain the storage application of fuel cell.

Slide 10 to 16

8 RE005- Renewable Energy Resource Analysis

TUTORING LESSONS

www.iqytechnicalcollege.com/RE005.zip

9.RE006- Wind Energy Conversion Systems

TUTORING LESSONS

www.igytechnicalcollege.com/RE006.zip

VIDEO

<http://www.highlightcomputer.com/videos1.htm>

RE005- Renewable Energy Resource Analysis

Instruction

Video+TextBooks

AEEGY202A Renewable Energy Resources Analysis Part 1

Slide 1

Q1.What are the forms of energy and explain one of them.

Slide 2, 3, 4

Q2.Describe world energy supply and consumption.

Slide 6

Q3.Explain how CO₂ emission is related to world climate change.

Slide 7

Q4.Describe direct and indirect use of solar energy.

Slide 8

Q8.Explain how CO₂ emission of bio-fuel can be offset.

Slide 9 to 18

Q9.Describe the energy resources of Australia and Renewable Energy of Australia.

Slide 18 to 23

Q10.Explain

- Gravitational energy
- Kinetic energy
- Electrical energy

Slide 24, 25

Q11.When will the world fossil fuel deplete if the current usage trend is continued?

Slide 26

Q12.Define renewable energy.

Slide 27 to 31

Q13.Explain power cycle of hydro system.

AEEGY202A Renewable Energy Resources Analysis Part 2

Slide 1 to 13

Q1.Explain carbon cycle.

Slide 14 to 41

Q2.Explain any three steam power cycles.

Slide 42 to 76

Q3.Describe any three gas power cycles.

Slide 77

Q4.Explain gas power cycle –IC Engine

Slide 78 to 80

Q5.Explain Otto cycle

Slide 81

Q6.Explain diesel cycle.

Slide 82 to 88

Q7.Explain solar power cycle.

Slide 89 to 104

Q8.Explain vapor cycle.

Slide 105 to 106

Q9.Explain fuel

Slide 107

Q10.What are the advantages of liquid fuel over solid fuel?

Slide 108+109

Q11.Write the operation of diesel power station.

Slide 110

Q12.Write the operation of gas turbine plant.

AEEGY202A Renewable Energy Resources Analysis Part 3

Slide 1

Q1. What is active and passive solar heating?

Slide 2 to 5

Q2.Explain roof solar water heater.

Slide 6 to 10

Q3.Describe solar radiation

Slide 11,12

Q4.Describe the effect of tilting a south facing collection surface.

Slide 13+14

Q5.Explain heat loss, heat gain properties of glass.

Slide 15

Q6.Explain window U value.

Slide 16

Q7.Sketch the schematic diagram of heat pump

Slide 17, 18

Q8.Explain domestic water heating.

Slide 19, 20, 21

Q9.Explain solar collector.

Slide 22, 23, 24

Q10.Describe heating season.

Slide 25 to 28

Q11.Explain general passive solar heating techniques.

Slide 29 to 33

Q12.Explain P-N Junction & PV effect.

Slide 34 to 37

Q13.Explain electrical characteristics of silicon PV cell & modules.

AEEGY202A Renewable Energy Resources Analysis Part 4

Slide 1, 2, 3

Q14.Explain energy and power in wind.

Slide 4 to 11

Q15. Sketch the basic wind turbines and explain horizontal axis wind turbine and vertical axis wind turbine.

Slide 13 to 17

Q16. Describe the aerodynamics of wind turbine , drag, lift force.

Slide 18 to 21

Q18. What is aerofoil?

Slide 22, 23

Q19. Explain relative wind velocity.

Slide 24 to 28

Q20. Explain power, energy from wind turbine.

Slide 29, 30

Q21. Describe the noise reduction methods of wind turbine

Slide 31 to 33

Q22.Outline the aspects of wind energy costing.

Slide 31

Q23. Describe the cost of wind energy.

AEEGY202A Renewable Energy Resources Analysis Part 5

Slide 1, 2

Q24.Explain the principle of hydro power.

Slide 3

Q25.Explain the general features of hydro turbines.

Slide 4

Q26.Explain the stored energy and available hydro power.

Slide 5

Q27.Explain the pump storage energy.

Slide 6

Q28.Explain power , head and flow rate of hydro power.

Slide 7, 8, 9

Q29. Describe the types of water turbines.

Slide 10

Q30. What are the basic facts to estimate the hydro power.

Slide 11

Q31. What are the types of water turbines?

Slide 12 to 16

Q32. Explain Francis turbine.

Slide 17 to 19

Q33. Explain Kaplan turbine.

Slide 20 to 24

Q34. Explain Pelton wheel turbine.

Slide 25

Q35. Explain the concept of effective head, water speed, flow rate.

Slide 26

Q36 What are positive and negative views on dam?

Slide 27+28

Q37.Explain capital cost and unit cost.

Slide 29 to 31

Q38.What is Bio energy?

Slide 32 , 33

Q39.Write the principle of solar energy stored by bio mass.

Slide 34 to 38

Q40.Explain the action of bio mass as fuel.

Slide 39 to 43

Q41.Explain woody biomass, cellulosic biomass, starch sugar biomass.

Slide 44

Q42.Explain the extraction of oil

Slide 45 to 47

Q43.Explain thermochemical processing.

Slide 48, 49

Q44.Explain Pyrolysis and gasification.

Slide 50 to 52.

Q45.Explain power station turbine system.

AEEGY202A Renewable Energy Resources Analysis Part 5a

Slide 1, 2

Q46.Sketch the outline of steam turbine system.

Slide 3

Q47.Explain Transesterification.

Slide 4.

Q48.Explain Bio-chemical processing.

Slide 5

Q49.Explain Anaerobic digestion.

Slide 6, 7

Q50.Explain land filled gas.

Slide 8 to 12

Q51.Explain the fermentation process to produce ethanol.

Slide 12, 13

Q52.Explain the process of producing ethanol gel.

Slide 14, 15

Q53.Describe the life cycle analysis of bio-mass energy.

Slide 16

Q54.What is methane?

Slide 17, 18

Q55.Explain energy balance.

Slide 19

Q56.Explain the principle of costing bio-energy.

Slide 20, 21

Q57. Explain production of electricity from wastes

Slide 23, 24

Q58.Explain the basic concept of geothermal energy,.

Slide 25

Q59.Explain the principle of geothermal electricity generation.

Slide 30

Q60.Describe Darcy's law

Slide 31 to 34

Q61.Sketch heat and mass concepts of geothermal energy.

Slide 35, 36

Q62.Explain the concept of thermal gradient and heat flow.

Slide 37

Q63.Explain the engineered geothermal system.

Slide 38, 39, 40

Q64.Explain the dry steam power plant.

Slide 41, 42

Q65.Sketch the diagram of district heating scheme.

Slide 43 to 47.

Q66.Outline the principle of ground source heat pump.

Slide 48 to 51

Q67.Explain enhanced (OR) engineered geothermal system.

AEEGY202A Renewable Energy Resources Analysis Part 6

Slide 1 to 3

Q68. Write the basics of tidal energy.

Slide 4 to 11

Q69. Write the principle of power generated from barrage.

Slide 12, 13

Q70. Write note on integration of electrical power from tidal barrages.

Slide 14, 15

Q71. Explain the power generation from tidal lagoons.

Slide 16 to 21

Q72. What are the tidal current turbine design constraints?

Slide 22 to 24

Q73.Describe Novel design.

Slide 25 to 31

Q74.Explain the operation principle of spectrum marine energy converter.

Slide 32

Q75.Explain tidal current assessment system.

Slide 33 to 50

Q76.Explain waste technology with some examples.

Slide 51.

Q77.Write integrated wave energy diesel system.

AEEGY202A Renewable Energy Resources Analysis Part 7

All slides

Q78.Explain the use of hydrogen as fuel

TUTORING LESSONS

www.igytechnicalcollege.com/RE010.zip

VIDEO

<http://www.highlightcomputer.com/videos1.htm>

RE010-Engineering Materials

Instruction

Video+TextBooks

ENMAT 101A Engineering Materials & Processes

Question Number	Slide Number	Question
1	1	Explain the general properties of material
1	2	What is metal

			?
3	3	What is polymers? _____	
4	4	What is thermoplastic?	
5	5	What is ceramics + Composites? _____	
6	6+7	Describe chemical bonding + Ionic b _____	bond
7	8	Describe metallic bond	
8	9, 10	Describe covalent _____	bond
9	11	Explain the production process of metal	
10	12	Explain the mechanical properties _____	s
11	13	Define strength _____	h
12	14	Define stiffness, Ductility _____	
13	15	Define malleability, toughness, electrical properties _____	s
14	16 to 18	What are thermal properties of metals?	
15	19, 20	What is durability? _____	

16	21	Describe testing, destructive , non destructive	live
17	22, 23	Sketch force-extension diagram	m
18	24	How do you understand tensile strength	h?
19	25	Define % elongation	
20	26 to 30	Explain brinell hardness test	st
21	31	Explain rockwell hardness test	st
22	32	Explain creep	
23	33, 34	Explain fatigue	ue

24	35	What is safety factor?	
25	36	Describe the process of casting	g
26	37	Describe the process of ingot casting	ing

27	38 to 43	Describe the process of sand cast _____	ling
28	44, 45	Describe the process of full mould proce _____	ss
29	46, 47	What is dimension accuracy + long run producti _____	on?
30	48 to 50	What is euthestics? _____	
31	51	What is anneali _____	ng?
32	52 to 54	Describe brick anal _____	logy
33	55, 56	Describe diffusion _____	
34	57	Describe Intermetallic c _____	ompound
35	58	Sketch equilibrium diagra _____	lm
36	59 to 61	Explain the way of obtaining equilibrium diagra _____	lm
37	62	What are the part of equilibrium diagra _____	lm?
38	63, 64	What are the types of equilibrium diagra _____	lm
39	65	What is weight of compound from equilibrium diagra _____	lm?
40	66 to 69	What is effect of cooling rat _____	

			e?
41	70	What is liquid solution?	
42	71	What is solid solution? _____	
43	72 to 75	What is solubility curve?	
44	76, 77	Define the technical term Grinding _____	ing
45	78	Define the technical term Polishing _____	
46	79 to 80	Define the technical term Etching _____	
47	81 to 84	Define the technical term Magnification _____	ion
48	85 to 87	Explain smelting _____	

49 88, 89 Explain basic oxygen steel making _____

50 85 to 87 Explain smelting _____

51	88, 89	Explain basic oxygen steel making _____
52	90, 91	Explain electric arc steel making _____
53	92 to 98	Explain composition of steel _____
54	99 to 101	Explain annealing _____
55	102	Explain brittle fracture in steel _____
56	103 to 107	Explain hardening _____
57	108	Explain quenching _____
58	109 to 111	Explain hardening process + tempering _____
59	112+113	Explain heat treatment, typical use of plain carbon steel _____
60	114, 115	Explain Isothermal treatment _____
61	116 to 118	Explain hardenability _____
62	119, 120	Explain heat treatment furnace _____
63	121	Explain alloy steel _____
64	122	Describe alloying element _____

			s
65	123, 124	Describe nickel steel	
66	125, 126	Describe construction steel	
67	127	Write note on tool & die steel	
68	128 to 130	Write note on stainless steel	
69	131	Write note on heat resisting steel	
70	132	Write note on magnetic hysteresis	
71	133	What are Important effects of alloying elements?	
72	134	What is surface hardening?	
73	135	What is case hardening?	
74	136, 137	What is carburizing?	
75	138	What is case hardening steel?	
76	139	What is heat treatment?	
77	140, 141	What is induction hardening?	

78	142	Summary	
79	143 to 147	What is cast iron?	
80	148	Describe the Properties of copper	
81	149 to 151	Explain copper alloy	
82	153, 154	Express the method of Aluminium extraction	
83	155, 156	What are properties of aluminium?	
84	157 to 160	Explain aluminium alloy	
85	161	What are factors affecting the strength of aluminium?	
86	162	Write note on nickel	
87	163, 164	Write note on corrosion resistant alloy	
88	165, 166	Write note on titanium	
89	167	Write note on magnesium alloy	
90	168	Write note on bearing metal	
91	169	Write note on aluminium Tin Alloy	

92	170, 171	What are types plastic _____	s?
93	172	What are composition of plastics? _____	
94	173	What are properties of plastic _____	s?
95	174	Explain thermoplastics _____	
96	175	Explain vinyl plastics _____	
97	176	Explain polyethyle _____	ne
98	177	Explain polyvinyl chloride _____	
99	178	Explain Polyvinyl acetat _____	e
100	179 to 181	All materia _____	ls
101	182	Explain cellulose thermoplastic _____	s
102	183	Explain polyester _____	
103	184	What are high temperature thermoplastics? _____	
104	185, 186	What is ther moset?	
105	185	What is solid state polyme _____	r?

106	188 to 190	Properties _____	s
107	191 to 193	What are mechanical properties of plastics?	
108	194 to 197	Explain hardness test, creep _____	p
109	198	Explain extrusion of plastics	
110	199	Explain moulding _____	
111	200, 201	Explain ceramic groups _____	group
1123	202, 203	Explain chain type arrangement	Int
113	204	Explain sheet type arrangement _____	Int
114	205	Explain clays _____	
115	206	Explain fire clay _____	s
116	207	Explain heat treatment of clay products _____	s
117	209, 210	Explain aluminium oxide	
118	211	Explain strength of ceramic _____	s
119	212 to 214	Explain hardness, melting point	

120	215 to 217	Explain ceme _____	Int
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121	218	Explain semi conduct _____
-----	-----	----------------------------

122	219, 220	Explain composition and structure of gla _____	ss
-----	----------	--	----

123	221	Indicate glass transition temperat _____	ure
-----	-----	--	-----

124	222	Explain glass ceramic _____
-----	-----	-----------------------------

125	223	Explain glass manufact _____	ure
-----	-----	------------------------------	-----

126	224	What are properties of glass + Usag _____	e?
-----	-----	---	----

127	225	Explain particle composit _____	e
-----	-----	---------------------------------	---

128	226	What is cohesion between particle _____?
-----	-----	--

129	227, 228	Explain particle hardened composit _____	e
-----	----------	--	---

130	229	Explain mortar	
131	230	Explain concrete	e
132	231 to 234	Explain fibre composite	e
133	235	Explain relative density of composite	e
134	236	Explain tensile strength of composite	e
135	237	Explain modulus of composite	e
136	238	Explain fibre	
137	240	Explain matrix materials	s
138	241	What are mechanical properties of unidirectional fibre composite	s
139	242, 243	Explain joining process	
140	244, 245	Explain soldering & Brazing	
141	246	Explain brazing	
142	247	Explain welding	
143	248	Explain metallic arc welding	

144	249	Explain arc welding process _____	ss
145	250	Explain structure of weld _____	
146	251	Explain over stressing _____	
147	252	What is fatigue _____?	
148	253	What is creep+ Sudden _____	load?
149	254	Explain expansion _____	
150	255	What is thermal cycling + degradation _____?	
151	256	Explain non destructive test _____	ing
154	260	What is stress corrosion _____?	
155	261	What are the methods of protection of metal surfaces? _____	
156	262	What is stability of plastics? _____	
157	263, 264	What is service of _____	life?
158	265	Describe selection of materials _____	ls
159	266	Describe service requirements _____	

160	267	Describe tensile strengt _____	h
161	268 to 271	Describe stiffness, modulus of elasticit _____	y
162	271, 272	Describe working temperatur _____	e
163	273	Describe coefficient of frict _____	ion
164	274, 275	Describe stability in the environmen _____	t
165	276 to 279	Describe electrical conductivit _____	y
166	280	Describe costi _____	ng
167	281, 282	Describe choice of shaping proce _____	ss
168	283	Describe ductilit _____	y
169	284	What are the manufacturing Processe _____	s
170	285, 286	How do you understand Toleran _____	ce?

11 RE012a-Electrical Engineering Part 1

TUTORING LESSONS

www.iqytechnicalcollege.com/RE012a.zip

BAE 405

BAE405 Week 1 Lesson

BAE405 Week 2 Lesson

BAE405 Week 3 Lesson

BAE405 Week 3A Lesson

AUDIO

[Circuit G048+E025.zip](#)

http://www.filefactory.com/file/c0b6512/n/Circuit_G048_E025.zip

VIDEO

<http://www.highlightcomputer.com/videos1.htm>

RE012a-Electrical Engineering Part 1-

[Instruction](#)

[Video+TextBooks](#)

DC Circuit Problems

<http://www.filefactory.com/file/cf8739b/n/E003+E004.zip>

The links contain the following lessons

E003+E004 Lesson 1 DC series circuit

E003+E004 Lesson 2 DC parallel circuit

E003+E004 Lesson 3 DC Parallel circuit problems

E003+E004 Lesson 4 DC series parallel circuit 1

E003+E004 Lesson 5 DC series parallel circuit 2

E003+E004 Lesson 6 Lamp and resistor circuit

E003+E004 Lesson 7 Wheatstone bridge

E025 (Stage 2)

Advanced Electrical Circuits

<http://www.filefactory.com/file/cf8775d/n/E025.zip>

The links contain the following lessons

E025 Lesson 1 Resonance

E025 Lesson 2 Non sinusoidal Circuits

E025 Lesson 3 Pulse Waveform+RC Response

E025 Lesson 4 Transformer

E025 Lesson 5 Decibel+Filter

E025 Lesson 6 Filter+Bode Plot

G048 (Stage 2)

Power circuit analysis

[G048 Lesson 1 Mesh analysis+Source conversion.zip](#)

http://www.filefactory.com/file/c0b0d29/n/G048_Lesson_1_Mesh_analysis_Source_conversion.zip

[G048 Lesson 2 Thevenin Theorem.zip](#)

http://www.filefactory.com/file/c0b0d8f/n/G048_Lesson_2_Thevenin_Theorem.zip

[G048 Lesson 3 Nodal Analysis.zip](#)

http://www.filefactory.com/file/c0b0e54/n/G048_Lesson_3_Nodal_Analysis.zip

[G048 Lesson 4 Superposition Theorem.zip](#)

http://www.filefactory.com/file/c0b0fa4/n/G048_Lesson_4_Superposition_Theorem.zip

[G048 Lesson 5 AC Network Analysis.zip](#)

http://www.filefactory.com/file/c0b0532/n/G048_Lesson_5_AC_Network_Analysis.zip

[G048 Lesson 6 Transient Circuit.zip](#)

http://www.filefactory.com/file/c0b0012/n/G048_Lesson_6_Transient_Circuit.zip

The links contain the following lessons

G048 Lesson 1 Mesh analysis+ Source conversion

G048 Lesson 2 Thevenin Theorem

G048 Lesson 3 Nodal Analysis

G048 Lesson 4 Superposition Theorem

G048 Lesson 5 AC Network Analysis

G048 Lesson 6 Transient Circuit

G049 (Stage 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](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](#)

http://www.filefactory.com/file/c0b010e/n/G049_Lesson_3_Three_phase_power_measurement.zip

[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](#)

http://www.filefactory.com/file/c0b0254/n/G049_Lesson_7_Three_phase_fault.zip

[G049 Lesson 8 Three phase fault calculation table.zip](#)

http://www.filefactory.com/file/c0b0276/n/G049_Lesson_8_Three_phase_fault_calculation_table.zip

[G049 Lesson 9 Fault calculation.zip](#)

http://www.filefactory.com/file/c0b03ae/n/G049_Lesson_9_Fault_calculation.zip

[G049 Lesson 10 Sequence network.zip](#)

http://www.filefactory.com/file/c0b03ea/n/G049_Lesson_10_Sequence_network.zip

The links contain the following lessons

G049 Lesson 1 Basic three phase circuit

G049 Lesson 2 Three phase star delta

G049 Lesson 3 Three phase power measurement

G049 Lesson 4 Three phase 4 wires unbalanced load

G049 Lesson 5 Three phase 3 wires unbalanced load

G049 Lesson 6 Three phase power by 2 watt meters

G049 Lesson 7 Three phase fault

G049 Lesson 8 Three phase fault calculation table

G049 Lesson 9 Fault calculation

G049 Lesson 10 Sequence network

TEST

E003+E004-----E104

http://www.filefactory.com/file/5eg0luituujj/n/E003_E004_Online_Test_1_Marking_doc

http://www.filefactory.com/file/796n6fdurdij/n/E003_E004_Online_Test_1_Answer_doc

http://www.filefactory.com/file/58r3nfe1gieh/n/E003_E004_Online_Test_1_Question_pdf

<http://www.classroomclipboard.com/503511/Home/Test/3ebb0fe603a748b6b2430e75fb07af4f#/InitializeTest.xaml>

<http://www.classroomclipboard.com/503511/Home/Test/3ebb0fe603a748b6b2430e75fb07af4f#/QuestionPresenter.xaml?id=11>

G4UYTV

E025-----E125

http://www.filefactory.com/file/52h82a0t0f3f/n/E025_Online_Test_1_Question_pdf

http://www.filefactory.com/file/1qw3qtp9qd5/n/E025_Online_Test_1_Answer_doc

http://www.filefactory.com/file/2gutlys5mdgl/n/E025_Online_Test_1_Marking_doc

<http://www.classroomclipboard.com/503511/Home/Test/0d8e41400b24465b97e60b2a555d7cff#/InitializeTest.xaml>

DCVK7

G048 Test 1-----UENEEE125A

http://www.filefactory.com/file/4m4fl31kp6w3/n/G048_Online_Test_1_Answer_doc

http://www.filefactory.com/file/6sg15xmd3juf/n/G048_Online_Test_1_Marking_doc

http://www.filefactory.com/file/713uvwk5vbel/n/G048_Online_Test_1_Question_pdf

<http://www.classroomclipboard.com/503511/Home/Test/a03f83dbf40e4991800c44b484ae6a1d#/InitializeTest.xaml>

G9PLM

G048 Test 2-----UENEEE125A

http://www.filefactory.com/file/1750k6akcpz/n/G048_Online_Test_2_Answer_doc

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http://www.filefactory.com/file/auj577gjdy1/n/G048_Online_Test_2_Question_pdf

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XSGF

G049 Test 1-----UENEEG149A

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http://www.filefactory.com/file/49ibg1gt9fgh/n/G049_Online_Test_1_Answer_doc

http://www.filefactory.com/file/5vhbs8sn20f3/n/G049_Online_Test_1_Question_pdf

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UE6FAG

G049 Test 2-----UENEEG149A

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http://www.filefactory.com/file/611ftvpa3dit/n/G049_Online_Test_2_Question_pdf

http://www.filefactory.com/file/6dn34s1q5bbp/n/G049_Online_Test_2_Answer_doc

<http://www.classroomclipboard.com/503511/Home/Test/797cac44d12248b9b3be8507518c9bc4#/InitializeTest.xaml>

PS83

12RE016-Design& Management

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VIDEO

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RE016-Design & Management

RE015-Electrical Project/ Practice (Electrical)

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RE012b-Electrical Engineering Part 2 (Electrical)-Morning

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RE012b-Electrical Engineering Part 2 (Electrical)-Morning

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RE011a-Civil & Mechanical Engineering Part 1 (Civil+ Mechanical)-Afternoon

Instruction

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Perform the management project & prepare the report

BE (Civil)

YEAR 3+4 (Total 12 Units)

1 RE011a-Civil& Mechanical Engineering Part 1

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RE011a-Civil & Mechanical Engineering Part 1 (Civil+ Mechanical)-Afternoon

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RE015-Electrical Project/ Practice

(Electrical)

BAE 606 Building Service Electrical & Mechanical Engineering (Civil+ Mechanical)

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2 RE011b-Civil& Mechanical Engineering Part 2a

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3 BAE 606 Building Service Electrical & Mechanical Engineering

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VIDEO

RE011b-Civil & Mechanical Engineering Part 2a-(Mechanical +Civil)

Instruction

Video+TextBooks

BAE624 Water Supply , Sanitation & Finishing (Civil)

Instruction

Video+TextBooks

ASSIGNMENT

CE 107 Sanitation-and-Water-supply

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Study

BAE606 Wk3A+CE 107

Slide 2

Q1 Explain the basic principle of plumbing

Slide 3

Q2. Describe storm drainage.

Slide 4

Q3.Sketch (a) Coupling (b) Elbow (c) Union connector

Slide 9

Q4. Sketch Gate valve & Tee

Slide 10

Q5. What are the principle types of plastic pipes used in workplace?

Slide 12.

Q6. Sketch piping diagram for water service, gas service, hot and cold water lines.

Slide 13.

Q7. Write the general rule governing piping.

Slide 14

Q8. Sketch wet water column arrangement.

Slide 16

Q9. Describe piping supports.

Slide 17.

Q10. Explain thermal expansion

Slide 18.

Q11. Sketch hot water piping expansion loop.

Slide 20+21

Q12. Sketch globe valve.

Slide 22.

Q13. Sketch check valve

Slide 24

Q14. List plumbing fixtures usage in school

Slide 27

Q15. Copy the drawing on this slide.

Slide 28.

Q16. Copy the drawing on this slide.

Slide 29.

Q17. Copy the drawing on this slide.

Slide 30

Q18 Write the meanings of the followings

(a) CT (b) CI (c) WI

Slide 31

Q19. Copy the drawing on this slide.

Slide 32

Q20. Copy the drawing on this slide.

Slide 33.

Q21. Copy the drawing on this slide.

Slide 34

Q22. Copy the drawing on this slide.

Slide 36.

Q23. Copy the drawing on this slide.

Slide 37

Q24 What are the use of the followings

(a) Water closet (b) Urinal (c) Kitchen sink

Slide 38.

Q25. Copy the drawing on this slide.

Slide 39

Q26. Sketch the down feed system.

Slide 40.

Q27. Copy the drawing on this slide.

Slide 43.

Q28. Copy the drawing on this slide.

Slide 44.

Q29. Copy the drawing on this slide.

Slide 46.

Q30. Copy the drawing on this slide.

Slide 47.

Q31. Copy the drawing on this slide.

Slide 48.

Q32. Copy the drawing on this slide.

Slide 49.

Q33. Copy the drawing on this slide.

CE 109 Energy Efficient Building Design

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Study

BAE606 Wk1A+CE 109

[BAE606 Wk 1A HVAC+CE109 http://www.filefactory.com/file/14vt1rpjmm1j/n/BAE606_Wk_1A-HVAC_zip](http://www.filefactory.com/file/14vt1rpjmm1j/n/BAE606_Wk_1A-HVAC_zip)

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Then do the exercises.

Slide 1

Q1. Copy the diagram on this slide & label the components.

Slide 2

Q2.The house has a calculated sensible cooling load of 46000 Btuh. Return air temperature is 79 Degree F and supply air temperature is 57 Deg F. What is the blower air output requirement?

Slide 3

Q3. Write the equation of air pressure in duct.

Slide 4

Q4.Write the equation to calculate the velocity pressure in duct.

Slide 7

Q5. Copy the diagram on this slide & label the components.

Slide 9

Q6. Copy the diagram on this slide & label the components

Slide 10

Q7. Copy the diagram on this slide & label the components

Slide 13.

Q8. Show the symbols for the followings

(a) Supply grille (b) Door grille (c) terminal outlet (d) Combination diffuser

Slide 14.

Q9. Express the meanings of the followings

(a) AHU (b) CFM (c) FD (d) RAD € UV

Slide 15

Q10.Explain comfort zone

Slide 16.

Q11.Sketch the envelop of total air stream injected by air jet

Slide 20

Q12. Copy the diagram on this slide & label the components

Slide 21

Q13. Sketch single zone system.

Slide 22

Q13. Copy the diagram on this slide & label the components

Slide 23

Q14. Sketch multi-zone system

Slide 24

Q15.Sketch duct reheat system

Slide 25.

Q16. Sketch single duct variable volume system

Slide 26

Q17. Sketch double duct system.

Slide 28

Q18. Copy the diagram on this slide & label the components

Slide 30

Q19.

A trunk duct 14 in. in diameter and 30 ft long carries 1100 cfm.. What is its static friction loss? What is the air velocity?

Slide 33

Q20. Write the equation for volume of air flow.

Slide 34

Q21

A design technologist has of using a 10-in. round duct or a 12 x 7-in. lar duct to carry 350 cfm of conditioned give the same friction (see Table 5.4).'-"• air velocity in each.

Slide 35

Q22

Explain equivalent duct length for fitting losses.

Slide 36

Q23

Sketch the profile pressure diagram.

Slide 37

Q24. A smooth radius 10 in , diameter 90 degree elbow with a radius of 15 in , carries 500 cfm. Calculate its pressure loss.

Slide 38

Q25. Explain the source of duct system pressure loss.

Slide 39

Q26 Explain equal friction method.

Slide 41

Q27 Write load calculation formula.

Slide 43 to 45

Q28. Write the process to locate the supply and return outlets.

Slide 46

Q29. Write designer's checklists

Slide 48.

Q30. Copy the diagram on this slide & label the components

Slide 49.

Q31. Copy the diagram on this slide & label the components

Slide 50.

Q32. Copy the one of diagrams on this slide & label the components.

Slide 51.

Q33. Copy the diagram on this slide & label the components.

Slide 53.

Q34. Copy the diagram on this slide & label the components.

Slide 54

Q35. Copy the diagram on this slide & label the components.

Slide 55

Q36. Copy the diagram on this slide & label the components.

Slide 56

Q37. Copy the diagram on this slide & label the components.

Slide 59

Q38. Copy the diagram on this slide & label the components.

Slide 60

Q39. Copy the diagram on this slide & label the components.

Slide 61

Q40 Sketch exhaust ventilation system.

CE 110 Building Construction (Part 1)

Study BAE606 Wk 1+CE 110 & do the following exercises.

[BAE606 Wk 1 CE 110](#)

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CE 110 Building Construction (Part 1)

Slide 1

Q1.How should building be constructed?

Slide 3

Q2. Explain foundation & copy the drawing of the diagram shown on this slide.

Slide 4

Q3. Describe the different constructions of roofs.

Slide 5

Q4. Copy the drawing of the diagram shown on this slide.

Slide 6

Q5. Explain the followings

(a) Joist (b) Rafter (c) Purlins (d) Girders (e) Trusses

Slide 7

Q6. Explain windows & doors

Slide 8

Q7. Copy the drawing of the diagram shown on this slide.

Slide 9

Q8. Copy the drawing of the diagram shown on this slide.

Slide 10

Q9. Explain the hardware used for doors.

Slide 11

Q10. Explain ***Acoustics***.

Slide 12

Q11. Write notes for the followings

(a) Stairways (b) Elevator (c) Escalators

Slide 13

Q12. Describe the design procedures

Slide 14.

Q13. How do you understand building codes?

Slide 15.

Q14. Describe the bracing of low buildings

Slide 16.

Q15. Describe the bracing of tall buildings.

Slide 17

Q16. Describe roof drainage system.

Slide 18.

Q17. Explain the drainage at the bottom of a foundation wall.

Slide 19.

Q18. Copy the drawing of the diagram shown on this slide.

Slide 20.

Q19. Write fire protection and limitation arrangements in building.

Slide 21 to 24

Q20 Explain the followings.

(a) Mortar (b) Window glass (c) Mechanical properties of wood (d) Types of carbon steels

CE 110 Building Construction (Part 2)

BAE606 Wk 2+CE 110 & do the following exercises.

Slide 1

Q1.Explain the followings

(a) Dynamic load (b) Impact load (c) Concentrated load (d) Wind load (e)Torsional load

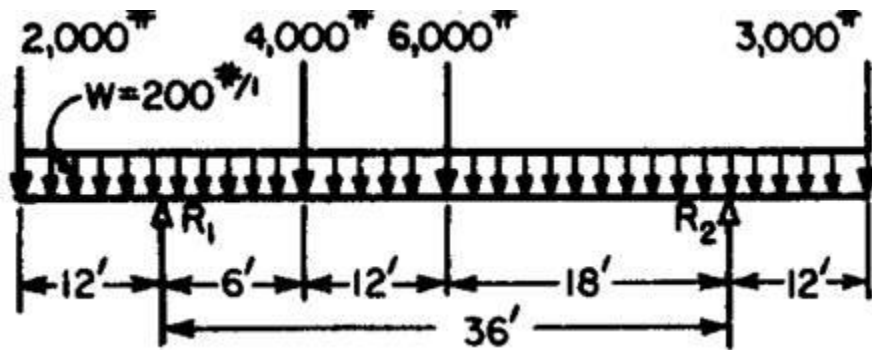
Slide 3

Q2.Sketch the followings

(a) Simple beam (b) Cantilever beam (c) Continuous beam

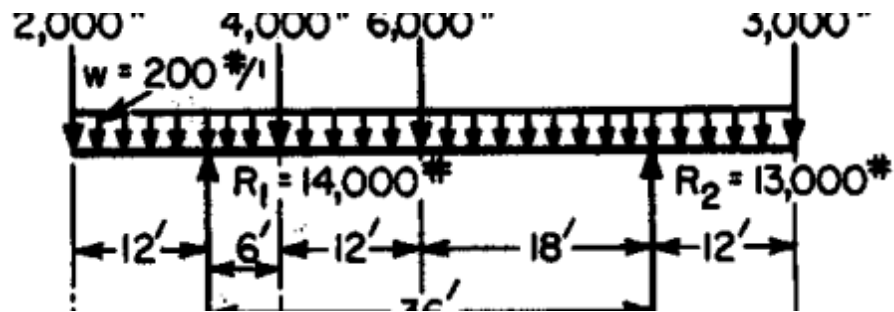
Slide 4

Q3.Calculate reaction R_1 & R_2



Slide 5

Q4. Draw the shear diagram of the following



Slide 6

Q5. Copy the diagram on this slide

Slide 7

Q6. What is foundation?

Slide 8.

Q7. Explain standard penetration test.

Slide 10

Q8 Explain the followings

(a) General shear (b) Punching shear

Slide 11

Q9.What is retaining wall?

Slide 12

Q10. Explain the followings

(a) Mat foundation (b) Cavities (c) Shallow settlement

Slide 13.

Q11. Copy the diagram on this slide

Slide 16

Q12. What is fastener?

Slide 17

Q13. How welding is utilized?

Q14. Copy the diagram on this slide

Slide 18

Q15. Explain the application of truss

Slide 19

Q16. Explain the bracing of tall buildings.

Slide 20.

Q17. Copy the diagram on this slide.

Slide 21

Q18. Copy the diagram on this slide.

Slide 22

Q19. Copy the diagram on this slide.

Slide 23

Q20. Write the requirement equations for the followings

(a) H beam (b) I beam

CE 110 Building Construction (Part 3)

BAE606 Wk 2A+CE 110 & do the following exercises.

Slide 1

Q1. Write the equation for un-reduced live load.

Slide 2

Q2. Describe the following exposures

(a) Exposure A (b) Exposure B (c) Exposure C

Slide 4

Q3. Write the basic design formulas for multi-storey building.

Slide 5

Q4. Write the equation to calculate stress & strain

Slide 6

Q5. Write the equation to calculate the modulus of rigidity

Slide 8

Q6. Write the equation to calculate the cantilever shear deflection.

Slide 9

Q7. Write the equation to calculate total deflection for wall.

Slide 10

Q8. Write the equations to calculate torsion in concrete members.

Slide 11

Q9. Write the equations to calculate deflection of reinforced concrete and slabs.

Slide 12.

Q10. Write the equations to calculate the capacity of bearing walls.

Slide 18

Q11. Copy the diagram on this slide.

Slide 19

Q12. Copy the diagram on this slide.

Slide 20

Q13. Copy the diagram on this slide.

CE 110 Building Construction (Part 4+5)

Based on what you have learnt in this unit, write down the procedures to construct a house.

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EE106-G008 3,4

EE109-2

EE111-12(1),2(2),3,4,5

EE113-01,02,03,04,06

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EE121-H026-2,3

EE201-E050 1,2,08(1), 08(2),09

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EE204-E046-1,2(1),2(2),03,04

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EE305-01,02,04,05,06

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BAE606 Wk3-CE110-23,26(1),27(1),(2)(3),29,31

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CE108-1,2,3

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EE309 Part 1 (2), 1(3),2(1),2(2)

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ME334 Part 1-01,02,03,04,05,06

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ME208 Part 1-03,04,05,06

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ME306-01,02,03

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Page 17 Complex Numbers

Page 18 Laws

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Page 29 Integration in plane and space

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Page 15 Good managers & leaders, Defining leadership, Authority Relationship

Page 17 Influencer, Pusher

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Page 534 Moment of inertia

Page 545 Parallel axis theorem

Page 553 Mass moment of inertia

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[ICT 101/102/Mgt 108](#)

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Mgt 108 Computer Applications

Good one ppt

RAM/SDRAM

Hard drive controller

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Mother board

Power supply surge protection

System Bus CPU

Day 5 Part 1

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RE003 Solar & Thermal Energy System

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Page 27 What is project management?

Page 28 Project life cycle

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Page 40 Organizational context

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Day 7 Part 1

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BAE 508 Project Management

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http://www.filefactory.com/file/12251wavxrql/n/Day_7_Part_2-Mcgraw_Hill_-_Project_Management.pdf

Day 7 Part 2-ICT104+Mgt104+BAE508 (2).mp4 (186.97MB)

[http://www.filefactory.com/file/12ylb7qs0k97/n/Day_7_Part_2-ICT104+Mgt104+BAE508_\(2\).mp4](http://www.filefactory.com/file/12ylb7qs0k97/n/Day_7_Part_2-ICT104+Mgt104+BAE508_(2).mp4)

Day 7 Part 2-ICT104+Mgt104+BAE508 (1).mp4 (242.09MB)

[http://www.filefactory.com/file/1on7sqf4ysu1/n/Day_7_Part_2-ICT104+Mgt104+BAE508_\(1\).mp4](http://www.filefactory.com/file/1on7sqf4ysu1/n/Day_7_Part_2-ICT104+Mgt104+BAE508_(1).mp4)

Day 7 Part 2-ICT104+Mgt104+BAE508 (6).mp4 (61.26MB)

[http://www.filefactory.com/file/3j8nthjc66lx/n/Day_7_Part_2-ICT104+Mgt104+BAE508_\(6\).mp4](http://www.filefactory.com/file/3j8nthjc66lx/n/Day_7_Part_2-ICT104+Mgt104+BAE508_(6).mp4)

Day 7 Part 2-ICT104+Mgt104+BAE508 (4).mp4 (251.23MB)

[http://www.filefactory.com/file/4jpysqbpqwn3/n/Day_7_Part_2-ICT104+Mgt104+BAE508_\(4\).mp4](http://www.filefactory.com/file/4jpysqbpqwn3/n/Day_7_Part_2-ICT104+Mgt104+BAE508_(4).mp4)

Day 7 Part 2-ICT104+Mgt104+BAE508 (5).mp4 (62.22MB)

[http://www.filefactory.com/file/6d7sn1tnzmu9/n/Day_7_Part_2-ICT104+Mgt104+BAE508_\(5\).mp4](http://www.filefactory.com/file/6d7sn1tnzmu9/n/Day_7_Part_2-ICT104+Mgt104+BAE508_(5).mp4)

Day 7 Part 2-ICT104+Mgt104+BAE508 (3).mp4 (206.07MB)

[http://www.filefactory.com/file/b6mijpxbn7z/n/Day_7_Part_2-ICT104+Mgt104+BAE508_\(3\).mp4](http://www.filefactory.com/file/b6mijpxbn7z/n/Day_7_Part_2-ICT104+Mgt104+BAE508_(3).mp4)

Day 8 Part 1

RE004- Energy Storage Systems+ RE006- Wind Energy Conversion Systems

Day 8 Part 1 A-RE004.mp4 (105.61MB)

http://www.filefactory.com/file/1z56utiy8s4n/n/Day_8_Part_1_A-RE004.mp4

Day 8 Part 1 A-RE004-Energy Storage (1).pptx (84.17MB)

[http://www.filefactory.com/file/6pob5l1fko45/n/Day_8_Part_1_A-RE004-Energy_Storage_\(1\).pptx](http://www.filefactory.com/file/6pob5l1fko45/n/Day_8_Part_1_A-RE004-Energy_Storage_(1).pptx)

Day 8 Part 1B-RE006 (1).mp4 (18.25MB)

[http://www.filefactory.com/file/tkqv9361tgl/n/Day_8_Part_1B-RE006_\(1\).mp4](http://www.filefactory.com/file/tkqv9361tgl/n/Day_8_Part_1B-RE006_(1).mp4)

Day 8 Part 1B-RE006 (2).mp4 (103.03MB)

[http://www.filefactory.com/file/3gde8kvap051/n/Day_8_Part_1B-RE006_\(2\).mp4](http://www.filefactory.com/file/3gde8kvap051/n/Day_8_Part_1B-RE006_(2).mp4)

Day 8 Part 1 B-RE006 Wind Energy Conversion System.pdf (5MB)

http://www.filefactory.com/file/uablufzdfnd/n/Day_8_Part_1_B-RE006_Wind_Energy_Conversion_System.pdf

P1250327.JPG (0.07MB)

<http://www.filefactory.com/file/7qzs4g0ct6i5/n/P1250327.JPG>

Day 8 Part 2

ICT 105 Systems Analysis and Programs

Presentation22.pdf (0.27MB)

<http://www.filefactory.com/file/18a6t9z4dsdz/n/Presentation22.pdf>

Presentation10.pdf (0.19MB)

<http://www.filefactory.com/file/1h89d2dwg4xx/n/Presentation10.pdf>

Presentation6.pdf (0.19MB)

<http://www.filefactory.com/file/2o656oeqq6vl/n/Presentation6.pdf>

Day 8 Part 2-ICT105.mp4 (99.95MB)

http://www.filefactory.com/file/2q2e3a7d9ljz/n/Day_8_Part_2-ICT105.mp4

Presentation4.pdf (0.18MB)

<http://www.filefactory.com/file/3vnx548wa2vt/n/Presentation4.pdf>

Presentation15.pdf (0.2MB)

<http://www.filefactory.com/file/59hqpb7nnwt/n/Presentation15.pdf>

Presentation8.pdf (0.28MB)

<http://www.filefactory.com/file/5x8sud1y0wlb/n/Presentation8.pdf>

Presentation14.pdf (0.18MB)

<http://www.filefactory.com/file/6593padjhjwn/n/Presentation14.pdf>

Presentation12.pdf (0.18MB)

<http://www.filefactory.com/file/67dlxob0e7cn/n/Presentation12.pdf>

Presentation16.pdf (0.27MB)

<http://www.filefactory.com/file/6afw04cu5gy7/n/Presentation16.pdf>

Presentation19.pdf (0.35MB)

<http://www.filefactory.com/file/6htxsnb13o0b/n/Presentation19.pdf>

Presentation23.pdf (0.27MB)

<http://www.filefactory.com/file/6phmuzxo3rsl/n/Presentation23.pdf>

Presentation13.pdf (0.12MB)

<http://www.filefactory.com/file/6s58f5c8qkd/n/Presentation13.pdf>

Presentation24.pdf (0.26MB)

<http://www.filefactory.com/file/6sifxn8dvwrr/n/Presentation24.pdf>

Presentation7.pdf (0.18MB)

<http://www.filefactory.com/file/gv6mlcmq5pp/n/Presentation7.pdf>

Presentation9.pdf (0.27MB)

<http://www.filefactory.com/file/mcepfmsz6ar/n/Presentation9.pdf>

Presentation2.pdf (0.19MB)

<http://www.filefactory.com/file/scu1arcqj6p/n/Presentation2.pdf>

Day 9 Part 1

RE005- Renewable Energy Resource Analysis

RE005-RE Resources Analysis (7).pdf (1.65MB)

[http://www.filefactory.com/file/11mozz02l055/n/RE005-RE_Resources_Analysis_\(7\).pdf](http://www.filefactory.com/file/11mozz02l055/n/RE005-RE_Resources_Analysis_(7).pdf)

Day 9 Part 1 RE005(A).mp4 (23.83MB)

[http://www.filefactory.com/file/2290kz4g457r/n/Day_9_Part_1_RE005\(A\).mp4](http://www.filefactory.com/file/2290kz4g457r/n/Day_9_Part_1_RE005(A).mp4)

Day 9 Part 1 RE005(E).mp4 (42.34MB)

[http://www.filefactory.com/file/2mpqdm3na5wd/n/Day_9_Part_1_RE005\(E\).mp4](http://www.filefactory.com/file/2mpqdm3na5wd/n/Day_9_Part_1_RE005(E).mp4)

RE005-RE Resources Analysis (5).pdf (6.64MB)

[http://www.filefactory.com/file/2rxb59jyn0zx/n/RE005-RE_Resources_Analysis_\(5\).pdf](http://www.filefactory.com/file/2rxb59jyn0zx/n/RE005-RE_Resources_Analysis_(5).pdf)

Day 9 Part 1 RE005(C).mp4 (48.63MB)

[http://www.filefactory.com/file/2zq4aaj9rm1/n/Day_9_Part_1_RE005\(C\).mp4](http://www.filefactory.com/file/2zq4aaj9rm1/n/Day_9_Part_1_RE005(C).mp4)

RE005-RE Resources Analysis (4).pdf (6.32MB)

[http://www.filefactory.com/file/31rofh0deodz/n/RE005-RE_Resources_Analysis_\(4\).pdf](http://www.filefactory.com/file/31rofh0deodz/n/RE005-RE_Resources_Analysis_(4).pdf)

Day 9 Part 1 RE005(B).mp4 (14.73MB)

[http://www.filefactory.com/file/42y3exvj7i1z/n/Day_9_Part_1_RE005\(B\).mp4](http://www.filefactory.com/file/42y3exvj7i1z/n/Day_9_Part_1_RE005(B).mp4)

Day 9 Part 1 RE005(D).mp4 (103.61MB)

[http://www.filefactory.com/file/6gxm02om9dvx/n/Day_9_Part_1_RE005\(D\).mp4](http://www.filefactory.com/file/6gxm02om9dvx/n/Day_9_Part_1_RE005(D).mp4)

RE005-RE Resources Analysis (6).pdf (5.42MB)

[http://www.filefactory.com/file/6ij4aag9kodb/n/RE005-RE_Resources_Analysis_\(6\).pdf](http://www.filefactory.com/file/6ij4aag9kodb/n/RE005-RE_Resources_Analysis_(6).pdf)

Day 9 Part 2

ICT 106 Software Engineering

Day 9 Part 2 ICT 106(A).mp4 (28.73MB)

[http://www.filefactory.com/file/3ch6asghy3rd/n/Day_9_Part_2_ICT_106\(A\).mp4](http://www.filefactory.com/file/3ch6asghy3rd/n/Day_9_Part_2_ICT_106(A).mp4)

Lecture27.pdf (0.15MB)

<http://www.filefactory.com/file/4va75j78wwwz/n/Lecture27.pdf>

Day 9 Part 2 ICT 106(B).mp4 (101.37MB)

[http://www.filefactory.com/file/4vdgc8vziv6l/n/Day_9_Part_2_ICT_106\(B\).mp4](http://www.filefactory.com/file/4vdgc8vziv6l/n/Day_9_Part_2_ICT_106(B).mp4)

Day 9 Part 2 ICT 106(C).mp4 (37.88MB)

[http://www.filefactory.com/file/6j9ncqze5qv/n/Day_9_Part_2_ICT_106\(C\).mp4](http://www.filefactory.com/file/6j9ncqze5qv/n/Day_9_Part_2_ICT_106(C).mp4)

Lecture22.pdf (0.17MB)

<http://www.filefactory.com/file/8fw4nxazwc7/n/Lecture22.pdf>

Day 10 Part 1

RE010-Engineering Materials

Day 10 Part 1-RE010-ENMAT101A Engg Mat Processes(3).mp4 (69.6MB)

[http://www.filefactory.com/file/23ohjtot96q7/n/Day_10_Part_1-RE010-ENMAT101A_Engg_Mat_Processes\(3\).mp4](http://www.filefactory.com/file/23ohjtot96q7/n/Day_10_Part_1-RE010-ENMAT101A_Engg_Mat_Processes(3).mp4)

Day 10 Part 1-RE010-ENMAT101A Engg Mat Processes.pptx (38.83MB)

http://www.filefactory.com/file/368mln07rkx1/n/Day_10_Part_1-RE010-ENMAT101A_Engg_Mat_Processes.pptx

Day 10 Part 1-RE010-ENMAT101A Engg Mat Processes(2).mp4 (102.31MB)

[http://www.filefactory.com/file/3rffcpt8i5lx/n/Day_10_Part_1-RE010-ENMAT101A_Engg_Mat_Processes\(2\).mp4](http://www.filefactory.com/file/3rffcpt8i5lx/n/Day_10_Part_1-RE010-ENMAT101A_Engg_Mat_Processes(2).mp4)

Day 10 Part 1-RE010-ENMAT101A Engg Mat Processes(4).mp4 (19.7MB)

[http://www.filefactory.com/file/8uijw34yn9v/n/Day_10_Part_1-RE010-ENMAT101A_Engg_Mat_Processes\(4\).mp4](http://www.filefactory.com/file/8uijw34yn9v/n/Day_10_Part_1-RE010-ENMAT101A_Engg_Mat_Processes(4).mp4)

RE005-RE Resources Analysis (5).pptx (181.83MB)

[http://www.filefactory.com/file/43vm4jnr0fd/n/RE005-RE_Resources_Analysis_\(5\).pptx](http://www.filefactory.com/file/43vm4jnr0fd/n/RE005-RE_Resources_Analysis_(5).pptx)

Day 10 Part 2

ICT 107 Business Information Systems

Day 11 Part 1

RE012a-Electrical Engineering Part 1

Day 11 Part 1 RE012A(3).mp4 (8.63MB)

[http://www.filefactory.com/file/1ulozh6t7om5/n/Day_11_Part_1_RE012A\(3\).mp4](http://www.filefactory.com/file/1ulozh6t7om5/n/Day_11_Part_1_RE012A(3).mp4)

Day 11 Part 1 RE012A(6).mp4 (49.27MB)

[http://www.filefactory.com/file/2ky7ri2mczqv/n/Day_11_Part_1_RE012A\(6\).mp4](http://www.filefactory.com/file/2ky7ri2mczqv/n/Day_11_Part_1_RE012A(6).mp4)

Day 11 Part 1 RE012A(4).mp4 (85.09MB)

[http://www.filefactory.com/file/36k9nt36fkqv/n/Day_11_Part_1_RE012A\(4\).mp4](http://www.filefactory.com/file/36k9nt36fkqv/n/Day_11_Part_1_RE012A(4).mp4)

Introduction to Electric Circuits, 8th Edition by Richard C. Dorf & James A. Svoboda.pdf (34.59MB)

[http://www.filefactory.com/file/3ggqp9pssoer/n/Introduction to Electric Circuits, 8th Edition by Richard C. Dorf & James A. Svoboda.pdf](http://www.filefactory.com/file/3ggqp9pssoer/n/Introduction_to_Electric_Circuits,_8th_Edition_by_Richard_C._Dorf_&_James_A._Svoboda.pdf)

Day 11 Part 1 RE012A(2).mp4 (89.8MB)

[http://www.filefactory.com/file/6lbbrjs7px7v/n/Day_11_Part_1_RE012A\(2\).mp4](http://www.filefactory.com/file/6lbbrjs7px7v/n/Day_11_Part_1_RE012A(2).mp4)

Day 11 Part 1 RE012A(1).mp4 (76.69MB)

[http://www.filefactory.com/file/6whuhdtx7sc7/n/Day_11_Part_1_RE012A\(1\).mp4](http://www.filefactory.com/file/6whuhdtx7sc7/n/Day_11_Part_1_RE012A(1).mp4)

Day 11 Part 1 RE012A(5).mp4 (54.53MB)

[http://www.filefactory.com/file/9hh2nqu37hp/n/Day_11_Part_1_RE012A\(5\).mp4](http://www.filefactory.com/file/9hh2nqu37hp/n/Day_11_Part_1_RE012A(5).mp4)

Textbook - Principles and Applications of Electrical Engineering - 3rd Edition.pdf (9.71MB)

[http://www.filefactory.com/file/cc70mokbxlj/n/Textbook - Principles and Applications of Electrical Engineering - 3rd Edition.pdf](http://www.filefactory.com/file/cc70mokbxlj/n/Textbook_-_Principles_and_Applications_of_Electrical_Engineering_-_3rd_Edition.pdf)

Day 11 Part 2

Mgt 105 Quality Management

Day 10 Part 2-ICT 107 (2).mp4 (3.76MB)

[http://www.filefactory.com/file/1cb3a3cuij3x/n/Day_10_Part_2-ICT_107_\(2\).mp4](http://www.filefactory.com/file/1cb3a3cuij3x/n/Day_10_Part_2-ICT_107_(2).mp4)

Day 10 Part 2-ICT 107 (1).mp4 (98.72MB)

[http://www.filefactory.com/file/3o29zkb4b7sh/n/Day_10_Part_2-ICT_107_\(1\).mp4](http://www.filefactory.com/file/3o29zkb4b7sh/n/Day_10_Part_2-ICT_107_(1).mp4)

Presentation9.ppt (0.43MB)

<http://www.filefactory.com/file/qpisarc52e9/n/Presentation9.ppt>

Day 12 Part 1

RE016-Design & Management

RE015-Electrical Project/ Practice (Electrical)

Day 12 Part 1-RE015+016(2).mp4 (37.15MB)

[http://www.filefactory.com/file/1llwg6u0vhd3/n/Day_12_Part_1-RE015+016\(2\).mp4](http://www.filefactory.com/file/1llwg6u0vhd3/n/Day_12_Part_1-RE015+016(2).mp4)

Day 12 Part 1-RE015+016(3).mp4 (83.69MB)

[http://www.filefactory.com/file/3a1aij1yaujb/n/Day_12_Part_1-RE015+016\(3\).mp4](http://www.filefactory.com/file/3a1aij1yaujb/n/Day_12_Part_1-RE015+016(3).mp4)

G069+G070.pdf (16.77MB)

<http://www.filefactory.com/file/4dzq7of8yqwr/n/G069+G070.pdf>

Day 12 Part 1-RE015+016(4).mp4 (3.24MB)

[http://www.filefactory.com/file/54tagza0ny3r/n/Day_12_Part_1-RE015+016\(4\).mp4](http://www.filefactory.com/file/54tagza0ny3r/n/Day_12_Part_1-RE015+016(4).mp4)

[Architecture Ebook] Building Services Handbook.pdf (11.8MB)

[http://www.filefactory.com/file/5b0eetk67kpf/n/\[Architecture_Ebook\]_Building_Services_Handbook.pdf](http://www.filefactory.com/file/5b0eetk67kpf/n/[Architecture_Ebook]_Building_Services_Handbook.pdf)

Day 12 Part 1-RE015+016(5).mp4 (56.82MB)

[http://www.filefactory.com/file/5ban3gwpkriv/n/Day_12_Part_1-RE015+016\(5\).mp4](http://www.filefactory.com/file/5ban3gwpkriv/n/Day_12_Part_1-RE015+016(5).mp4)

Day 12 Part 1-RE015+016(6).mp4 (150.29MB)

[http://www.filefactory.com/file/5q8a780y6dyp/n/Day_12_Part_1-RE015+016\(6\).mp4](http://www.filefactory.com/file/5q8a780y6dyp/n/Day_12_Part_1-RE015+016(6).mp4)

Day 12 Part 1-RE015+016(4).mp4 (3.24MB)

[http://www.filefactory.com/file/5jguvv1nnboh/n/Day_12_Part_1-RE015+016\(4\).mp4](http://www.filefactory.com/file/5jguvv1nnboh/n/Day_12_Part_1-RE015+016(4).mp4)

P1250341.JPG (0.07MB)

<http://www.filefactory.com/file/61vpotl0l297/n/P1250341.JPG>

Day 12 Part 1-RE015+016(1).mp4 (81.25MB)

[http://www.filefactory.com/file/s6q652ww70h/n/Day_12_Part_1-RE015+016\(1\).mp4](http://www.filefactory.com/file/s6q652ww70h/n/Day_12_Part_1-RE015+016(1).mp4)

Day 12 Part 2

Mgt 102 Performance Management

Day 12 Part 2-Mgt 102(2).mp4 (102.9MB)

[http://www.filefactory.com/file/2drtw2r86uob/n/Day_12_Part_2-Mgt_102\(2\).mp4](http://www.filefactory.com/file/2drtw2r86uob/n/Day_12_Part_2-Mgt_102(2).mp4)

Day 12 Part 2-Mgt 102(1).mp4 (20.89MB)

[http://www.filefactory.com/file/3xyh2955z6w5/n/Day_12_Part_2-Mgt_102\(1\).mp4](http://www.filefactory.com/file/3xyh2955z6w5/n/Day_12_Part_2-Mgt_102(1).mp4)

performance-management.pdf (2.26MB)

<http://www.filefactory.com/file/4aa5n1adezpl/n/performance-management.pdf>

G069+G070.pdf (16.77MB)

<http://www.filefactory.com/file/4dzg7of8yqwr/n/G069+G070.pdf>

Day 12 Part 1-RE015+016(4).mp4 (3.24MB)

[http://www.filefactory.com/file/54taqza0ny3r/n/Day_12_Part_1-RE015+016\(4\).mp4](http://www.filefactory.com/file/54taqza0ny3r/n/Day_12_Part_1-RE015+016(4).mp4)

Day 12 Part 1-RE015+016(6).mp4 (150.29MB)

[http://www.filefactory.com/file/5q8a780y6dyp/n/Day_12_Part_1-RE015+016\(6\).mp4](http://www.filefactory.com/file/5q8a780y6dyp/n/Day_12_Part_1-RE015+016(6).mp4)

P1250341.JPG (0.07MB)

<http://www.filefactory.com/file/61vpotl0l297/n/P1250341.JPG>

Day 12 Part 2-Mgt 102(3).mp4 (5.65MB)

[http://www.filefactory.com/file/6e1euvvl8vv3/n/Day_12_Part_2-Mgt_102\(3\).mp4](http://www.filefactory.com/file/6e1euvvl8vv3/n/Day_12_Part_2-Mgt_102(3).mp4)

Day 13 Part 1

RE012b-Electrical Engineering Part 2 (Electrical)-Morning

Textbook - Principles and Applications of Electrical Engineering - 3rd Edition.pdf (9.71MB)

[http://www.filefactory.com/file/1ntb7pip29zv/n/Textbook - Principles and Applications of Electrical Engineering -
3rd Edition.pdf](http://www.filefactory.com/file/1ntb7pip29zv/n/Textbook-_Principles_and_Applications_of_Electrical_Engineering_-_3rd_Edition.pdf)

Day 13 Part 1 RE012b(2).mp4 (102.73MB)

[http://www.filefactory.com/file/1qfqi1w28k7/n/Day_13_Part_1_RE012b\(2\).mp4](http://www.filefactory.com/file/1qfqi1w28k7/n/Day_13_Part_1_RE012b(2).mp4)

Day 13 Part 1 RE012b(3).mp4 (15.13MB)

[http://www.filefactory.com/file/67b72bfz0bkl/n/Day_13_Part_1_RE012b\(3\).mp4](http://www.filefactory.com/file/67b72bfz0bkl/n/Day_13_Part_1_RE012b(3).mp4)

Day 13 Part 1 RE012b(1).mp4 (101.51MB)

[http://www.filefactory.com/file/pru1d3plgzz/n/Day_13_Part_1_RE012b\(1\).mp4](http://www.filefactory.com/file/pru1d3plgzz/n/Day_13_Part_1_RE012b(1).mp4)

Day 13 Part 2

RE011a-Civil & Mechanical Engineering Part 1 (Civil+ Mechanical)-Afternoon

Day 13 Part 2-RE011a(1).mp4 (103.31MB)

[http://www.filefactory.com/file/1y7dwc0bq7f/n/Day_13_Part_2-RE011a\(1\).mp4](http://www.filefactory.com/file/1y7dwc0bq7f/n/Day_13_Part_2-RE011a(1).mp4)

Day 13 Part 2-RE011a(2).mp4 (82.64MB)

[http://www.filefactory.com/file/2gqs1q6x2ki3/n/Day_13_Part_2-RE011a\(2\).mp4](http://www.filefactory.com/file/2gqs1q6x2ki3/n/Day_13_Part_2-RE011a(2).mp4)

Day 13 Part 2-RE011a(3).mp4 (89.48MB)

[http://www.filefactory.com/file/psjlfq0lxp/n/Day_13_Part_2-RE011a\(3\).mp4](http://www.filefactory.com/file/psjlfq0lxp/n/Day_13_Part_2-RE011a(3).mp4)

Engineering Mechanics.pdf (208.66MB)

http://www.filefactory.com/file/zn4fjnguz6f/n/Engineering_Mechanics.pdf

Day 13 Part 2-RE011a(3).mp4 (89.48MB)

[http://www.filefactory.com/file/2lochruvhn75/n/Day_13_Part_2-RE011a\(3\).mp4](http://www.filefactory.com/file/2lochruvhn75/n/Day_13_Part_2-RE011a(3).mp4)

Day 13 Part 3

Mgt 103 Operation Management/ Mgt 107 Industrial Risk Assessment

<http://www.filefactory.com/file/357v9l37n9kn/BSBR5K501B%20Manage%20Risk.pptx>

Day 13 Part 3 RE013b+Mgt 107(1).mp4 (26.76MB)

[http://www.filefactory.com/file/1c7hopjb4la5/n/Day_13_Part_3_RE013b+Mgt_107\(1\).mp4](http://www.filefactory.com/file/1c7hopjb4la5/n/Day_13_Part_3_RE013b+Mgt_107(1).mp4)

Mgt 502 operations-management.pdf (2.63MB)

http://www.filefactory.com/file/1r5lmzge335j/n/Mgt_502_operations-management.pdf

BSBR5K501B Manage Risk.pptx (0.16MB)

http://www.filefactory.com/file/357v9l37n9kn/n/BSBR5K501B_Manage_Risk.pptx

P8210002.mp4 (8.95MB)

<http://www.filefactory.com/file/3fwopp30ydlb/n/P8210002.mp4>

Day 13 Part 3 RE013b+Mgt 107(2).mp4 (46.35MB)

[http://www.filefactory.com/file/56zy0qz5qpb3/n/Day_13_Part_3_RE013b+Mgt_107\(2\).mp4](http://www.filefactory.com/file/56zy0qz5qpb3/n/Day_13_Part_3_RE013b+Mgt_107(2).mp4)

Day 13 Part 3 RE013b+Mgt 107(4).mp4 (87.1MB)

[http://www.filefactory.com/file/6cb6pyx1knf/n/Day_13_Part_3_RE013b+Mgt_107\(4\).mp4](http://www.filefactory.com/file/6cb6pyx1knf/n/Day_13_Part_3_RE013b+Mgt_107(4).mp4)

Day 14 Part 1

RE002- Grid Connected Photovoltaic Power Systems-Electrical

Day 14Part 1 RE002(3).mp4 (1.87MB)

[http://www.filefactory.com/file/1020vv8m5a01/n/Day_14Part_1_RE002\(3\).mp4](http://www.filefactory.com/file/1020vv8m5a01/n/Day_14Part_1_RE002(3).mp4)

Day 14Part 1 RE002(4).mp4 (10.53MB)

[http://www.filefactory.com/file/1v9p5mo1ib77/n/Day_14Part_1_RE002\(4\).mp4](http://www.filefactory.com/file/1v9p5mo1ib77/n/Day_14Part_1_RE002(4).mp4)

Day 14Part 1 RE002(1).mp4 (44.12MB)

[http://www.filefactory.com/file/45a8fvz0yq7v/n/Day_14Part_1_RE002\(1\).mp4](http://www.filefactory.com/file/45a8fvz0yq7v/n/Day_14Part_1_RE002(1).mp4)

RE002-Grid Connected Inverter (1).pptx (200.1MB)

[http://www.filefactory.com/file/50t1z2vlufmp/n/RE002-Grid_Connected_Inverter_\(1\).pptx](http://www.filefactory.com/file/50t1z2vlufmp/n/RE002-Grid_Connected_Inverter_(1).pptx)

RE002-Grid Connected Inverter (2).pptx (42.84MB)

[http://www.filefactory.com/file/lwa9ts8fron/n/RE002-Grid_Connected_Inverter_\(2\).pptx](http://www.filefactory.com/file/lwa9ts8fron/n/RE002-Grid_Connected_Inverter_(2).pptx)

Day 14Part 1 RE002(2).mp4 (39.29MB)

[http://www.filefactory.com/file/mweuzhoqwbd/n/Day_14Part_1_RE002\(2\).mp4](http://www.filefactory.com/file/mweuzhoqwbd/n/Day_14Part_1_RE002(2).mp4)

Day 14 Part 2

RE011b-Civil & Mechanical Engineering Part 2a-(Mechanical +Civil)

Day 14 Part 2 RE011b(2).mp4 (43.34MB)

[http://www.filefactory.com/file/1xok5fxku253/n/Day_14_Part_2_RE011b\(2\).mp4](http://www.filefactory.com/file/1xok5fxku253/n/Day_14_Part_2_RE011b(2).mp4)

59446893-A-Textbook-of-Engineering-Mechanics-by-R-K-Bansal.pdf (8.72MB)

<http://www.filefactory.com/file/2up4cikcqbql/n/59446893-A-Textbook-of-Engineering-Mechanics-by-R-K-Bansal.pdf>

Fluid_Mechanics_and_Thermodynamics_of_Turbomachinery_4E.pdf (3.21MB)

http://www.filefactory.com/file/4h0o2mf1k83z/n/Fluid_Mechanics_and_Thermodynamics_of_Turbomachinery_4E.pdf

123974244-strength-of-material-by-r-k-bansal.pdf (23.88MB)

<http://www.filefactory.com/file/5nn4umo2nr7b/n/123974244-strength-of-material-by-r-k-bansal.pdf>

Day 14 Part 2 RE011b(1).mp4 (130.27MB)

[http://www.filefactory.com/file/7l9u3vnm6v71/n/Day_14_Part_2_RE011b\(1\).mp4](http://www.filefactory.com/file/7l9u3vnm6v71/n/Day_14_Part_2_RE011b(1).mp4)

Day 14 Part 3

ICT 305 Professional Programming (1) C++

Day 14 Part 3 ICT 305(1).mp4 (110.94MB)

[http://www.filefactory.com/file/1zjqj1rsw2kb/n/Day_14_Part_3_ICT_305\(1\).mp4](http://www.filefactory.com/file/1zjqj1rsw2kb/n/Day_14_Part_3_ICT_305(1).mp4)

an-introduction-of-java-programming.pdf (3.91MB)

<http://www.filefactory.com/file/3q760if7pwsj/n/an-introduction-of-java-programming.pdf>

Day 15 Part 1

RE015-Electrical Project/ Practice

(Electrical)

BAE 606 Building Service Electrical & Mechanical Engineering (Civil+ Mechanical)

Day 15 Part 1-RE015 (2).mp4 (28.53MB)

[http://www.filefactory.com/file/387y93sw4mz1/n/Day_15_Part_1-RE015_\(2\).mp4](http://www.filefactory.com/file/387y93sw4mz1/n/Day_15_Part_1-RE015_(2).mp4)

Day 15 Part 1-RE015 (4).mp4 (159.22MB)

[http://www.filefactory.com/file/3ofa2pmzhx05/n/Day_15_Part_1-RE015_\(4\).mp4](http://www.filefactory.com/file/3ofa2pmzhx05/n/Day_15_Part_1-RE015_(4).mp4)

Day 15 Part 1-RE015 (1).mp4 (105.68MB)

[http://www.filefactory.com/file/4a976xuvxdkz/n/Day_15_Part_1-RE015_\(1\).mp4](http://www.filefactory.com/file/4a976xuvxdkz/n/Day_15_Part_1-RE015_(1).mp4)

E Wiring.pdf (7.1MB)

http://www.filefactory.com/file/4t6ha9ymosot/n/E_Wiring.pdf

[Architecture Ebook] Building Services Handbook.pdf (11.8MB)

[http://www.filefactory.com/file/6cyovfccltn/n/\[Architecture_Ebook\]_Building_Services_Handbook.pdf](http://www.filefactory.com/file/6cyovfccltn/n/[Architecture_Ebook]_Building_Services_Handbook.pdf)

Day 15 Part 1-RE015 (5).mp4 (28.11MB)

[http://www.filefactory.com/file/6stg1be1jve1/n/Day_15_Part_1-RE015_\(5\).mp4](http://www.filefactory.com/file/6stg1be1jve1/n/Day_15_Part_1-RE015_(5).mp4)

Electrical Building Services IEE UK based.pdf (4.81MB)

http://www.filefactory.com/file/jspohnvzeir/n/Electrical_Building_Services_IEE_UK_based.pdf

Day 15 Part 1-RE015 (3).mp4 (85.25MB)

[http://www.filefactory.com/file/wz07a27atoz/n/Day_15_Part_1-RE015_\(3\).mp4](http://www.filefactory.com/file/wz07a27atoz/n/Day_15_Part_1-RE015_(3).mp4)

Day 15 Part 2

RE015-Electrical Project/ Practice

(Electrical)

BAE 606 Building Service Electrical & Mechanical Engineering (Civil+ Mechanical)

Refrigeration and Air Conditioning.pdf (4.4MB)

http://www.filefactory.com/file/1n7gh3eyts9z/n/Refrigeration_and_Air_Conditioning.pdf

Day 15 Part 2-RE015 (2).mp4 (204.68MB)

[http://www.filefactory.com/file/37zod2pij6n/n/Day_15_Part_2-RE015_\(2\).mp4](http://www.filefactory.com/file/37zod2pij6n/n/Day_15_Part_2-RE015_(2).mp4)

Water sanitary & waste Service for Building.pdf (3.61MB)

http://www.filefactory.com/file/3das3kpedzfh/n/Water_sanitary_&_waste_Service_for_Building.pdf

Day 15 Part 2-RE015 (1).mp4 (154.06MB)

[http://www.filefactory.com/file/6t5mjvqxynv/n/Day_15_Part_2-RE015_\(1\).mp4](http://www.filefactory.com/file/6t5mjvqxynv/n/Day_15_Part_2-RE015_(1).mp4)

Day 15 Part 3

ICT 403 Professional Programming (2) Object Oriented

Day 15 Part 3-ICT403(1).mp4 (103.55MB)

[http://www.filefactory.com/file/6zdy10xxx6qv/n/Day_15_Part_3-ICT403\(1\).mp4](http://www.filefactory.com/file/6zdy10xxx6qv/n/Day_15_Part_3-ICT403(1).mp4)

Day 15 Part 3-ICT403(2).mp4 (38.44MB)

[http://www.filefactory.com/file/7d7yw3tydg35/n/Day_15_Part_3-ICT403\(2\).mp4](http://www.filefactory.com/file/7d7yw3tydg35/n/Day_15_Part_3-ICT403(2).mp4)

object-oriented-programming-using-c-sharp.pdf (6.61MB)

<http://www.filefactory.com/file/7hg7i45gh40p/n/object-oriented-programming-using-c-sharp.pdf>

Day 15 Part3-ICT403(3).mp4 (76.42MB)

[http://www.filefactory.com/file/k5ibgqrmc3l/n/Day_15_Part3-ICT403\(3\).mp4](http://www.filefactory.com/file/k5ibgqrmc3l/n/Day_15_Part3-ICT403(3).mp4)

Day 16 Part 1

RE007- Energy System Efficiency

(Electrical)(Mechanical)

Day 16 Part 1-RE007(5).mp4 (7.96MB)

[http://www.filefactory.com/file/1fehsuts1dh3/n/Day_16_Part_1-RE007\(5\).mp4](http://www.filefactory.com/file/1fehsuts1dh3/n/Day_16_Part_1-RE007(5).mp4)

Day 16 Part 1-RE007(4).mp4 (94.92MB)

[http://www.filefactory.com/file/32ot5z8no4xl/n/Day_16_Part_1-RE007\(4\).mp4](http://www.filefactory.com/file/32ot5z8no4xl/n/Day_16_Part_1-RE007(4).mp4)

RE007-Energy Efficiency.pptx (308.2MB)

http://www.filefactory.com/file/340lk0zim2e7/n/RE007-Energy_Efficiency.pptx

Day 16 Part 1-RE007(1).mp4 (18.77MB)

[http://www.filefactory.com/file/3fxgog46slcx/n/Day_16_Part_1-RE007\(1\).mp4](http://www.filefactory.com/file/3fxgog46slcx/n/Day_16_Part_1-RE007(1).mp4)

Day 16 Part 1-RE007(3).mp4 (36.82MB)

[http://www.filefactory.com/file/51ifl9kslcct/n/Day_16_Part_1-RE007\(3\).mp4](http://www.filefactory.com/file/51ifl9kslcct/n/Day_16_Part_1-RE007(3).mp4)

Day 16 Part 1-RE007(2).mp4 (86.14MB)

[http://www.filefactory.com/file/6odv7hh2nu5b/n/Day_16_Part_1-RE007\(2\).mp4](http://www.filefactory.com/file/6odv7hh2nu5b/n/Day_16_Part_1-RE007(2).mp4)

Day 16 Part 2

BAE624 Water Supply , Sanitation & Finishing (Civil)

Day 16 Part 2-BAE624(3).mp4 (106.15MB)

[http://www.filefactory.com/file/2idh0pbtw5o5/n/Day_16_Part_2-BAE624\(3\).mp4](http://www.filefactory.com/file/2idh0pbtw5o5/n/Day_16_Part_2-BAE624(3).mp4)

Day 16 Part 2-BAE624(2).mp4 (101.88MB)

[http://www.filefactory.com/file/46duvmi3emqr/n/Day_16_Part_2-BAE624\(2\).mp4](http://www.filefactory.com/file/46duvmi3emqr/n/Day_16_Part_2-BAE624(2).mp4)

Day 16 Part 2-BAE624(1).mp4 (55.59MB)

[http://www.filefactory.com/file/5a8kxtnm0ou7/n/Day_16_Part_2-BAE624\(1\).mp4](http://www.filefactory.com/file/5a8kxtnm0ou7/n/Day_16_Part_2-BAE624(1).mp4)

Water sanitary & waste Service for Building.pdf (3.61MB)

http://www.filefactory.com/file/xmtvubotkyd/n/Water_sanitary_&_waste_Service_for_Building.pdf

Day 16 Part 3

ICT 404Professional Programming (3) Java

Day 16 Part 3-ICT404 (3).mp4 (64.74MB)

[http://www.filefactory.com/file/2bin4d0m3h6r/n/Day_16_Part_3-ICT404_\(3\).mp4](http://www.filefactory.com/file/2bin4d0m3h6r/n/Day_16_Part_3-ICT404_(3).mp4)

Day 16 Part 3-ICT404 (2).mp4 (19.96MB)

[http://www.filefactory.com/file/2ywlfa3f1pfx/n/Day_16_Part_3-ICT404_\(2\).mp4](http://www.filefactory.com/file/2ywlfa3f1pfx/n/Day_16_Part_3-ICT404_(2).mp4)

Day 16 Part 3-ICT404 (5).mp4 (186.1MB)

[http://www.filefactory.com/file/5i66rh5k53an/n/Day_16_Part_3-ICT404_\(5\).mp4](http://www.filefactory.com/file/5i66rh5k53an/n/Day_16_Part_3-ICT404_(5).mp4)

an-introduction-of-java-programming.pdf (3.91MB)

<http://www.filefactory.com/file/5tftjxhsted/n/an-introduction-of-java-programming.pdf>

Day 16 Part 3-ICT404 (6).mp4 (72.56MB)

[http://www.filefactory.com/file/66gayq1lzocz/n/Day_16_Part_3-ICT404_\(6\).mp4](http://www.filefactory.com/file/66gayq1lzocz/n/Day_16_Part_3-ICT404_(6).mp4)

object-oriented-programming-using-c-sharp.pdf (6.61MB)

<http://www.filefactory.com/file/6ouh8pg9xorh/n/object-oriented-programming-using-c-sharp.pdf>

Day 16 Part 3-ICT404 (4).mp4 (44.92MB)

[http://www.filefactory.com/file/smo3q5b1vhn/n/Day_16_Part_3-ICT404_\(4\).mp4](http://www.filefactory.com/file/smo3q5b1vhn/n/Day_16_Part_3-ICT404_(4).mp4)

Day 17 Part 1

RE013-Electrical Machines (Electrical)

BAE 407 Advanced Electro-magnetics Field & Materials

BAE 507 Electro-mechanical Energy Conversion

Day 17 Part 1-EE502-RE003 (4).mp4 (29.19MB)

[http://www.filefactory.com/file/1kg1zvedj3vh/n/Day_17_Part_1-EE502-RE003_\(4\).mp4](http://www.filefactory.com/file/1kg1zvedj3vh/n/Day_17_Part_1-EE502-RE003_(4).mp4)

Day 17 Part 1-EE502-RE003 (1).mp4 (194.43MB)

[http://www.filefactory.com/file/376a7a5zihpn/n/Day_17_Part_1-EE502-RE003_\(1\).mp4](http://www.filefactory.com/file/376a7a5zihpn/n/Day_17_Part_1-EE502-RE003_(1).mp4)

Day 17 Part 1-EE502-RE003 (5).mp4 (29.17MB)

[http://www.filefactory.com/file/5sjce7dkosnn/n/Day_17_Part_1-EE502-RE003_\(5\).mp4](http://www.filefactory.com/file/5sjce7dkosnn/n/Day_17_Part_1-EE502-RE003_(5).mp4)

Day 17 Part 1-EE502-RE003 (3).mp4 (31.05MB)

[http://www.filefactory.com/file/6a7f2u4jeggh/n/Day_17_Part_1-EE502-RE003_\(3\).mp4](http://www.filefactory.com/file/6a7f2u4jeggh/n/Day_17_Part_1-EE502-RE003_(3).mp4)

EE 502 Electrical Machines Drive and Power System.pdf (86.17MB)

http://www.filefactory.com/file/6pdwm0yyy99d/n/EE_502_Electrical_Machines_Drive_and_Power_System.pdf

Day 17 Part 1-EE502-RE003 (6).mp4 (77.32MB)

[http://www.filefactory.com/file/7577y4odsi27/n/Day_17_Part_1-EE502-RE003_\(6\).mp4](http://www.filefactory.com/file/7577y4odsi27/n/Day_17_Part_1-EE502-RE003_(6).mp4)

Day 17 Part 1-EE502-RE003 (2).mp4 (69.98MB)

[http://www.filefactory.com/file/wqupiqwprkf/n/Day_17_Part_1-EE502-RE003_\(2\).mp4](http://www.filefactory.com/file/wqupiqwprkf/n/Day_17_Part_1-EE502-RE003_(2).mp4)

Day 17 Part 2

BAE423 Fluid Mechanics (Civil)

BAE512 Building Service Water Supply System (Mechanical)

Day 17 Part 2-BAE423+512(3).mp4 (60.18MB)

[http://www.filefactory.com/file/40fa4aygagbb/n/Day_17_Part_2-BAE423+512\(3\).mp4](http://www.filefactory.com/file/40fa4aygagbb/n/Day_17_Part_2-BAE423+512(3).mp4)

Water sanitary & waste Service for Building.pdf (3.61MB)

http://www.filefactory.com/file/33ewhf9un3tx/n/Water_sanitary_&_waste_Service_for_Building.pdf

Fluid Mechanics.pdf (3.07MB)

http://www.filefactory.com/file/1ywng583eykv/n/Fluid_Mechanics.pdf

Day 17 Part 2-BAE423+512(4).mp4 (19.4MB)

[http://www.filefactory.com/file/5iwdgm47xhd1/n/Day_17_Part_2-BAE423+512\(4\).mp4](http://www.filefactory.com/file/5iwdgm47xhd1/n/Day_17_Part_2-BAE423+512(4).mp4)

Day 17 Part 2-BAE423+512(1).mp4 (41.87MB)

[http://www.filefactory.com/file/flwnomhjm1/n/Day_17_Part_2-BAE423+512\(1\).mp4](http://www.filefactory.com/file/flwnomhjm1/n/Day_17_Part_2-BAE423+512(1).mp4)

Day 17 Part 2-BAE423+512(2).mp4 (27.2MB)

[http://www.filefactory.com/file/11rrn4fxghmf/n/Day_17_Part_2-BAE423+512\(2\).mp4](http://www.filefactory.com/file/11rrn4fxghmf/n/Day_17_Part_2-BAE423+512(2).mp4)

Day 17 Part 3

ICT 405 Professional Practice (1) Network

Day 17 Part 3-ICT405(1).mp4 (114.95MB)

[http://www.filefactory.com/file/2imiafk7fbcv/n/Day_17_Part_3-ICT405\(1\).mp4](http://www.filefactory.com/file/2imiafk7fbcv/n/Day_17_Part_3-ICT405(1).mp4)

Day 17 Part 3-ICT405(3).mp4 (31.08MB)

[http://www.filefactory.com/file/33x2605iveg5/n/Day_17_Part_3-ICT405\(3\).mp4](http://www.filefactory.com/file/33x2605iveg5/n/Day_17_Part_3-ICT405(3).mp4)

Day 17 Part 3-ICT405(2).mp4 (54.41MB)

[http://www.filefactory.com/file/3i0tzqjbli15/n/Day_17_Part_3-ICT405\(2\).mp4](http://www.filefactory.com/file/3i0tzqjbli15/n/Day_17_Part_3-ICT405(2).mp4)

Computer Networking - 4th Edition.pdf (150.38MB)

http://www.filefactory.com/file/ubve6dmrw4b/n/Computer_Networking_-_4th_Edition.pdf

Day 18 Part 1

RE014-Electronics Control (Electrical)

BAE613 Mechanical Instrumentation Process

(Mechanical)

Day 18 Part 1-RE014+BAE613(5).mp4 (112.31MB)

[http://www.filefactory.com/file/1fzg4k791co7/n/Day_18_Part_1-RE014+BAE613\(5\).mp4](http://www.filefactory.com/file/1fzg4k791co7/n/Day_18_Part_1-RE014+BAE613(5).mp4)

Day 18 Part 1-RE014+BAE613(3).mp4 (120.46MB)

[http://www.filefactory.com/file/20p3hv9bl7y1/n/Day_18_Part_1-RE014+BAE613\(3\).mp4](http://www.filefactory.com/file/20p3hv9bl7y1/n/Day_18_Part_1-RE014+BAE613(3).mp4)

Electronic Principle.pdf (51.16MB)

http://www.filefactory.com/file/2luu57jqs6yd/n/Electronic_Principle.pdf

Fundamentals of Industrial Electronics.pdf (16.77MB)

http://www.filefactory.com/file/3nw9zvb8auxv/n/Fundamentals_of_Industrial_Electronics.pdf

Instrumentation_Reference_Book_3E.pdf (36.36MB)

http://www.filefactory.com/file/47ywaou253kf/n/Instrumentation_Reference_Book_3E.pdf

Day 18 Part 1-RE014+BAE613(1).mp4 (25.51MB)

[http://www.filefactory.com/file/4daognl413yd/n/Day_18_Part_1-RE014+BAE613\(1\).mp4](http://www.filefactory.com/file/4daognl413yd/n/Day_18_Part_1-RE014+BAE613(1).mp4)

Day 18 Part 1-RE014+BAE613(2).mp4 (1.07MB)

[http://www.filefactory.com/file/6kjrnyckg1wl/n/Day_18_Part_1-RE014+BAE613\(2\).mp4](http://www.filefactory.com/file/6kjrnyckg1wl/n/Day_18_Part_1-RE014+BAE613(2).mp4)

Power Electronics--.pdf (24.92MB)

http://www.filefactory.com/file/6m4iig4hrilj/n/Power_Electronics--.pdf

Day 18 Part 1-RE014+BAE613(4).mp4 (55.49MB)

[http://www.filefactory.com/file/6nr6etks21mx/n/Day_18_Part_1-RE014+BAE613\(4\).mp4](http://www.filefactory.com/file/6nr6etks21mx/n/Day_18_Part_1-RE014+BAE613(4).mp4)

Day 18 Part 1-RE014+BAE613(7).mp4 (30.2MB)

[http://www.filefactory.com/file/6x1dhp95ts41/n/Day_18_Part_1-RE014+BAE613\(7\).mp4](http://www.filefactory.com/file/6x1dhp95ts41/n/Day_18_Part_1-RE014+BAE613(7).mp4)

Day 18 Part 1-RE014+BAE613(6).mp4 (29.14MB)

[http://www.filefactory.com/file/b7u7elqb013/n/Day_18_Part_1-RE014+BAE613\(6\).mp4](http://www.filefactory.com/file/b7u7elqb013/n/Day_18_Part_1-RE014+BAE613(6).mp4)

Day 18 Part 2

BAE421 Building Construction Engineering

(Civil)

BAE421Part1.pdf (15.41MB)

<http://www.filefactory.com/file/1tdji3qf1f7d/n/BAE421Part1.pdf>

Day 18 Part 2-BAE421(2).mp4 (66.09MB)

[http://www.filefactory.com/file/260xptffdm97/n/Day_18_Part_2-BAE421\(2\).mp4](http://www.filefactory.com/file/260xptffdm97/n/Day_18_Part_2-BAE421(2).mp4)

Day 18 Part 2-BAE421(1).mp4 (135.12MB)

[http://www.filefactory.com/file/3g3kbs8o1bg5/n/Day_18_Part_2-BAE421\(1\).mp4](http://www.filefactory.com/file/3g3kbs8o1bg5/n/Day_18_Part_2-BAE421(1).mp4)

Day 18 Part 2-BAE421(3).mp4 (105.07MB)

[http://www.filefactory.com/file/3waryrdip5nt/n/Day_18_Part_2-BAE421\(3\).mp4](http://www.filefactory.com/file/3waryrdip5nt/n/Day_18_Part_2-BAE421(3).mp4)

BAE421Part2.pdf (10.38MB)

<http://www.filefactory.com/file/7o57v8jhh33/n/BAE421Part2.pdf>

Day 18 Part 3

ICT 406Professional Practice (2) Website

Day 18 Part 3-ICT406(2).mp4 (14.8MB)

[http://www.filefactory.com/file/1bchh6uaw5af/n/Day_18_Part_3-ICT406\(2\).mp4](http://www.filefactory.com/file/1bchh6uaw5af/n/Day_18_Part_3-ICT406(2).mp4)

Day 18 Part 3-ICT406(1).mp4 (44.54MB)

[http://www.filefactory.com/file/34jqp659wozj/n/Day_18_Part_3-ICT406\(1\).mp4](http://www.filefactory.com/file/34jqp659wozj/n/Day_18_Part_3-ICT406(1).mp4)

D021+D022.zip (35.66MB)

<http://www.filefactory.com/file/59lwx2x69qnh/n/D021+D022.zip>

D10WebDesignNotes.zip (295.26MB)

<http://www.filefactory.com/file/5n8rb03wlb9/n/D10WebDesignNotes.zip>

Day 19 Part 1

BAE311 Plant Engineering (Mechanical)

Day 19 Part 1-BAE311(3).mp4 (168.92MB)

[http://www.filefactory.com/file/1xxq46up129b/n/Day_19_Part_1-BAE311\(3\).mp4](http://www.filefactory.com/file/1xxq46up129b/n/Day_19_Part_1-BAE311(3).mp4)

Day 19 Part 1-BAE311(5).mp4 (105.77MB)

[http://www.filefactory.com/file/23g70z0v9y9/n/Day_19_Part_1-BAE311\(5\).mp4](http://www.filefactory.com/file/23g70z0v9y9/n/Day_19_Part_1-BAE311(5).mp4)

Day 19 Part 1-BAE311(1).mp4 (199.04MB)

[http://www.filefactory.com/file/31nmvhp0qi37/n/Day_19_Part_1-BAE311\(1\).mp4](http://www.filefactory.com/file/31nmvhp0qi37/n/Day_19_Part_1-BAE311(1).mp4)

Day 19 Part 1-BAE311(4).mp4 (161.93MB)

[http://www.filefactory.com/file/3j29axv8sgu7/n/Day_19_Part_1-BAE311\(4\).mp4](http://www.filefactory.com/file/3j29axv8sgu7/n/Day_19_Part_1-BAE311(4).mp4)

Plant_Engineering_Handbook.pdf (15.13MB)

http://www.filefactory.com/file/67h0wc02cahl/n/Plant_Engineering_Handbook.pdf

Day 19 Part 1-BAE311(2).mp4 (4.35MB)

[http://www.filefactory.com/file/q7a6p5opnnr/n/Day_19_Part_1-BAE311\(2\).mp4](http://www.filefactory.com/file/q7a6p5opnnr/n/Day_19_Part_1-BAE311(2).mp4)

Day 19 Part 2

BAE511 Air-conditioning & Refrigeration Part 1 (Mechanical)

Day 19 Part 2-BAE511(1).mp4 (255.99MB)

[http://www.filefactory.com/file/1xv7sniwht11/n/Day_19_Part_2-BAE511\(1\).mp4](http://www.filefactory.com/file/1xv7sniwht11/n/Day_19_Part_2-BAE511(1).mp4)

Day 19 Part 2-BAE511(1)_temp_140906056842840.mp4 (207.53MB)

[http://www.filefactory.com/file/7ilvryh0337n/n/Day_19_Part_2-BAE511\(1\)_temp_140906056842840.mp4](http://www.filefactory.com/file/7ilvryh0337n/n/Day_19_Part_2-BAE511(1)_temp_140906056842840.mp4)

Refrigeration and Air Conditioning.pdf (4.4MB)

http://www.filefactory.com/file/rhm971s6gkn/n/Refrigeration_and_Air_Conditioning.pdf

Day 19 Part 2-BAE511(2).mp4 (166.68MB)

[http://www.filefactory.com/file/xugjc1e9d31/n/Day_19_Part_2-BAE511\(2\).mp4](http://www.filefactory.com/file/xugjc1e9d31/n/Day_19_Part_2-BAE511(2).mp4)

Day 19 Part 3

ICT 407/Mgt 308 Artificial Intelligence

Day 19 Part 3-ICT407-Mgt308(1).mp4 (166.93MB)

[http://www.filefactory.com/file/144uf0gn4erx/n/Day_19_Part_3-ICT407-Mgt308\(1\).mp4](http://www.filefactory.com/file/144uf0gn4erx/n/Day_19_Part_3-ICT407-Mgt308(1).mp4)

Day 19 Part 3-ICT407-Mgt308(2).mp4 (84.7MB)

[http://www.filefactory.com/file/2vrwhq7bmldr/n/Day_19_Part_3-ICT407-Mgt308\(2\).mp4](http://www.filefactory.com/file/2vrwhq7bmldr/n/Day_19_Part_3-ICT407-Mgt308(2).mp4)

artificial-intelligence-agent-behaviour-i.pdf (8.14MB)

<http://www.filefactory.com/file/i37x90fm7gv/n/artificial-intelligence-agent-behaviour-i.pdf>

Day 20Part 1

BAE 604 Telecommunication Engineering

(Electrical) (B App Sc –IT)

BAE 607 Radio Wave Propagation & Microwave Techniques

Day 20 Part 1-BAE604(4).mp4 (0.15MB)

[http://www.filefactory.com/file/15rjhf5zikln/n/Day_20_Part_1-BAE604\(4\).mp4](http://www.filefactory.com/file/15rjhf5zikln/n/Day_20_Part_1-BAE604(4).mp4)

Telecommunications Engineering - 3rd Edition.pdf (28.59MB)

http://www.filefactory.com/file/1jroigxx8qeh/n/Telecommunications_Engineering_-_3rd_Edition.pdf

Day 20 Part 1-BAE604(2).mp4 (156.6MB)

[http://www.filefactory.com/file/39beqouod74b/n/Day_20_Part_1-BAE604\(2\).mp4](http://www.filefactory.com/file/39beqouod74b/n/Day_20_Part_1-BAE604(2).mp4)

Day 20 Part 1-BAE604(1).mp4 (113.9MB)

[http://www.filefactory.com/file/3y4z029wy341/n/Day_20_Part_1-BAE604\(1\).mp4](http://www.filefactory.com/file/3y4z029wy341/n/Day_20_Part_1-BAE604(1).mp4)

Day 20 Part 1-BAE604(3).mp4 (3.8MB)

[http://www.filefactory.com/file/4v7sl19p7k5x/n/Day_20_Part_1-BAE604\(3\).mp4](http://www.filefactory.com/file/4v7sl19p7k5x/n/Day_20_Part_1-BAE604(3).mp4)

Day 20 Part 2

BAE614 Machine Design (Mechanical)

Day 20 Part 2-BAE614(3).mp4 (107.37MB)

[http://www.filefactory.com/file/6ijevalfv0qr/n/Day_20_Part_2-BAE614\(3\).mp4](http://www.filefactory.com/file/6ijevalfv0qr/n/Day_20_Part_2-BAE614(3).mp4)

Day 20 Part 2-BAE614(4).mp4 (12.51MB)

[http://www.filefactory.com/file/2c242a5t70sp/n/Day_20_Part_2-BAE614\(4\).mp4](http://www.filefactory.com/file/2c242a5t70sp/n/Day_20_Part_2-BAE614(4).mp4)

BAE614Part3.pdf (59.54MB)

<http://www.filefactory.com/file/3lohme1j32h3/n/BAE614Part3.pdf>

Day 20 Part 2-BAE614(2).mp4 (7.46MB)

[http://www.filefactory.com/file/39wb1efzqlm7/n/Day_20_Part_2-BAE614\(2\).mp4](http://www.filefactory.com/file/39wb1efzqlm7/n/Day_20_Part_2-BAE614(2).mp4)

Day 20 Part 2-BAE614(1).mp4 (29.33MB)

[http://www.filefactory.com/file/19e41ggadm9l/n/Day_20_Part_2-BAE614\(1\).mp4](http://www.filefactory.com/file/19e41ggadm9l/n/Day_20_Part_2-BAE614(1).mp4)

BAE614Part2.pdf (55.41MB)

<http://www.filefactory.com/file/660j1idu7m6d/n/BAE614Part2.pdf>

BAE614Part1.pdf (53.24MB)

<http://www.filefactory.com/file/2xr0ooyi8whh/n/BAE614Part1.pdf>

Day 20 Part 3

Mgt 301 Electronics Business

Day 20 Part 3-Mgt301(2).mp4 (101.79MB)

[http://www.filefactory.com/file/1v4quhhhaj/n/Day_20_Part_3-Mgt301\(2\).mp4](http://www.filefactory.com/file/1v4quhhhaj/n/Day_20_Part_3-Mgt301(2).mp4)

Day 20 Part 3-Mgt301(4).mp4 (37.08MB)

[http://www.filefactory.com/file/3vp6tza4i0wn/n/Day_20_Part_3-Mgt301\(4\).mp4](http://www.filefactory.com/file/3vp6tza4i0wn/n/Day_20_Part_3-Mgt301(4).mp4)

Day 20 Part 3-Mgt301(1).mp4 (82.05MB)

[http://www.filefactory.com/file/4c0j61x5zljn/n/Day_20_Part_3-Mgt301\(1\).mp4](http://www.filefactory.com/file/4c0j61x5zljn/n/Day_20_Part_3-Mgt301(1).mp4)

Day 20 Part 3-Mgt301(5).mp4 (5.27MB)

[http://www.filefactory.com/file/60k4qpb9nn81/n/Day_20_Part_3-Mgt301\(5\).mp4](http://www.filefactory.com/file/60k4qpb9nn81/n/Day_20_Part_3-Mgt301(5).mp4)

Day 20 Part 3-Mgt301(6).mp4 (68.12MB)

[http://www.filefactory.com/file/649rbuopuz0f/n/Day_20_Part_3-Mgt301\(6\).mp4](http://www.filefactory.com/file/649rbuopuz0f/n/Day_20_Part_3-Mgt301(6).mp4)

Day 20 Part 3-Mgt301(7).mp4 (30.9MB)

[http://www.filefactory.com/file/6cesbxo5i2g7/n/Day_20_Part_3-Mgt301\(7\).mp4](http://www.filefactory.com/file/6cesbxo5i2g7/n/Day_20_Part_3-Mgt301(7).mp4)

Mgt 301 Electronics Business.zip (28.86MB)

http://www.filefactory.com/file/6y2wzneck0s5/n/Mgt_301_Electronics_Business.zip

Day 20 Part 3-Mgt301(3).mp4 (30.72MB)

[http://www.filefactory.com/file/whw5ilcd2qd/n/Day_20_Part_3-Mgt301\(3\).mp4](http://www.filefactory.com/file/whw5ilcd2qd/n/Day_20_Part_3-Mgt301(3).mp4)

Day 21Part 1

BAE422 Estimating (Civil)

Estimating.pdf (3.03MB)

<http://www.filefactory.com/file/19v79o7dluj5/n/Estimating.pdf>

Day 21 Part 1-BAE422(2).mp4 (30.15MB)

[http://www.filefactory.com/file/2fp3rcqsesp1/n/Day_21_Part_1-BAE422\(2\).mp4](http://www.filefactory.com/file/2fp3rcqsesp1/n/Day_21_Part_1-BAE422(2).mp4)

Day 21 Part 1-BAE422(1).mp4 (119.64MB)

[http://www.filefactory.com/file/6t3f8g55x4td/n/Day_21_Part_1-BAE422\(1\).mp4](http://www.filefactory.com/file/6t3f8g55x4td/n/Day_21_Part_1-BAE422(1).mp4)

Day 21 Part 2

BAE 603 Software Engineering (Electrical)

Day 21 Part 2-BAE603+ICT105-106 (2).mp4 (25.25MB)

[http://www.filefactory.com/file/12arhw16m0z3/n/Day_21_Part_2-BAE603+ICT105-106_\(2\).mp4](http://www.filefactory.com/file/12arhw16m0z3/n/Day_21_Part_2-BAE603+ICT105-106_(2).mp4)

Day 21 Part 2-BAE603+ICT105-106 (3).mp4 (124.82MB)

[http://www.filefactory.com/file/19gkqp0u1t6n/n/Day_21_Part_2-BAE603+ICT105-106_\(3\).mp4](http://www.filefactory.com/file/19gkqp0u1t6n/n/Day_21_Part_2-BAE603+ICT105-106_(3).mp4)

BAE603-ICT 105+106 Wk 3.zip (0.57MB)

http://www.filefactory.com/file/1b4f4z50c41j/n/BAE603-ICT_105+106_Wk_3.zip

Day 21 Part 2-BAE603+ICT105-106 (2).mp4 (25.25MB)

[http://www.filefactory.com/file/22jjeiztim17/n/Day_21_Part_2-BAE603+ICT105-106_\(2\).mp4](http://www.filefactory.com/file/22jjeiztim17/n/Day_21_Part_2-BAE603+ICT105-106_(2).mp4)

Day 21 Part 2-BAE603+ICT105-106 (4).mp4 (43.68MB)

[http://www.filefactory.com/file/31ohncuh0ugd/n/Day_21_Part_2-BAE603+ICT105-106_\(4\).mp4](http://www.filefactory.com/file/31ohncuh0ugd/n/Day_21_Part_2-BAE603+ICT105-106_(4).mp4)

Day 21 Part 2-BAE603+ICT105-106 (1).mp4 (113.76MB)

[http://www.filefactory.com/file/5zd5l5i9funr/n/Day_21_Part_2-BAE603+ICT105-106_\(1\).mp4](http://www.filefactory.com/file/5zd5l5i9funr/n/Day_21_Part_2-BAE603+ICT105-106_(1).mp4)

BAE603-ICT 105+106 Wk 2.zip (7.13MB)

http://www.filefactory.com/file/72fsu5z4a3ql/n/BAE603-ICT_105+106_Wk_2.zip

BAE603-ICT 105+106 Wk 1.zip (9.88MB)

http://www.filefactory.com/file/79j3xmvctmf9/n/BAE603-ICT_105+106_Wk_1.zip

Day 21 Part 3

Mgt 302 Information Security

Day 21Part 3 Mgt302 (3).mp4 (55.87MB)

[http://www.filefactory.com/file/384pc9qu40c3/n/Day_21Part_3_Mgt302_\(3\).mp4](http://www.filefactory.com/file/384pc9qu40c3/n/Day_21Part_3_Mgt302_(3).mp4)

Mgt302(1).pdf (1.03MB)

[http://www.filefactory.com/file/390ehhhld4qp/n/Mgt302\(1\).pdf](http://www.filefactory.com/file/390ehhhld4qp/n/Mgt302(1).pdf)

Day 21Part 3 Mgt302 (4).mp4 (56.31MB)

[http://www.filefactory.com/file/3m230burgudt/n/Day_21Part_3_Mgt302_\(4\).mp4](http://www.filefactory.com/file/3m230burgudt/n/Day_21Part_3_Mgt302_(4).mp4)

Mgt302(2).pdf (0.39MB)

[http://www.filefactory.com/file/42k42gebvwqi/n/Mgt302\(2\).pdf](http://www.filefactory.com/file/42k42gebvwqi/n/Mgt302(2).pdf)

Day 21Part 3 Mgt302 (1).mp4 (94.23MB)

[http://www.filefactory.com/file/5j8wynxbwm89/n/Day_21Part_3_Mgt302_\(1\).mp4](http://www.filefactory.com/file/5j8wynxbwm89/n/Day_21Part_3_Mgt302_(1).mp4)

Mgt302(3).pdf (1.89MB)

[http://www.filefactory.com/file/6e8tb3bn4nof/n/Mgt302\(3\).pdf](http://www.filefactory.com/file/6e8tb3bn4nof/n/Mgt302(3).pdf)

Information_Security.zip (7.2MB)

http://www.filefactory.com/file/6f3tpp05z9vx/n/Information_Security.zip

Day 21Part 3 Mgt302 (2).mp4 (75.41MB)

[http://www.filefactory.com/file/q2a0ncnpy7t/n/Day_21Part_3_Mgt302_\(2\).mp4](http://www.filefactory.com/file/q2a0ncnpy7t/n/Day_21Part_3_Mgt302_(2).mp4)

Day 22Part 1

BAE522 Rock Mechanics (Civil)

Soil & Rock Mechanic.pdf (10.97MB)

http://www.filefactory.com/file/3pwc dhxjzo0x/n/Soil_&_Rock_Mechanic.pdf

Day 22 Part 1-BAE522(1).mp4 (60.77MB)

[http://www.filefactory.com/file/30nre1nutxx/n/Day_22_Part_1-BAE522\(1\).mp4](http://www.filefactory.com/file/30nre1nutxx/n/Day_22_Part_1-BAE522(1).mp4)

Day 22 Part 1-BAE522(3).mp4 (74.29MB)

[http://www.filefactory.com/file/3t6w4njmk3kz/n/Day_22_Part_1-BAE522\(3\).mp4](http://www.filefactory.com/file/3t6w4njmk3kz/n/Day_22_Part_1-BAE522(3).mp4)

Day 22 Part 1-BAE522(2).mp4 (22.83MB)

[http://www.filefactory.com/file/48u6s2nx46on/n/Day_22_Part_1-BAE522\(2\).mp4](http://www.filefactory.com/file/48u6s2nx46on/n/Day_22_Part_1-BAE522(2).mp4)

Day 22 Part 1-BAE522(5).mp4 (44.51MB)

[http://www.filefactory.com/file/4q9t6n6dunmf/n/Day_22_Part_1-BAE522\(5\).mp4](http://www.filefactory.com/file/4q9t6n6dunmf/n/Day_22_Part_1-BAE522(5).mp4)

Day 22 Part 1-BAE522(4).mp4 (18.69MB)

[http://www.filefactory.com/file/7k6s5svxddlv/n/Day_22_Part_1-BAE522\(4\).mp4](http://www.filefactory.com/file/7k6s5svxddlv/n/Day_22_Part_1-BAE522(4).mp4)

Day 22 Part 2

BAE623 Surveying & Traffic Engineering (Civil)

VIDEO FILES

Day 22 Part 2-BAE623A(1).mp4 (206.76MB)

[http://www.filefactory.com/file/msn8ikwqlhv/n/Day_22_Part_2-BAE623A\(1\).mp4](http://www.filefactory.com/file/msn8ikwqlhv/n/Day_22_Part_2-BAE623A(1).mp4)

Day 22 Part 2-BAE623A(2).mp4 (241.04MB)

[http://www.filefactory.com/file/3q13yy1mrdlv/n/Day_22_Part_2-BAE623A\(2\).mp4](http://www.filefactory.com/file/3q13yy1mrdlv/n/Day_22_Part_2-BAE623A(2).mp4)

Day 22 Part 2-BAE623B

<http://www.filefactory.com/file/7h8wz6g2rn3p/Day%2022%20Part%202-BAE623A%283%29.mp4>

<http://www.filefactory.com/file/4wwiwhqp8nd1/Day%2022%20Part%202-BAE623B%281%29.mp4>

<http://www.filefactory.com/file/5jz6vnll5i11/Day%2022%20Part%202-BAE623B%282%29.mp4>

<http://www.filefactory.com/file/6ftozmbtgku9/Day%2022%20Part%202-BAE623B%283%29.mp4>

<http://www.filefactory.com/file/4fp4u7ezu40x/Day%2022%20Part%202-BAE623B%284%29.mp4>

Written References

Surveying

<http://www.filefactory.com/file/1s4z073zdxit/Surveying.pdf>

Traffic & Highway Engineering

<http://www.filefactory.com/file/29fd990pk4kf/Traffic%20%26amp%3B%20Highway%20Engineering.pdf>

Transport Planning & Traffic Engineering

<http://www.filefactory.com/file/18b4on4ct9b5/Transport%20Planning%20%26amp%3B%20Traffic%20Engineering.pdf>

Day 22 Part 3

Mgt 303 Management Information System

VIDEO FILES

<http://www.filefactory.com/file/1keogwjmspw3/Day%2022%20Part%203-Mgt%20303.mp4>

Written References

Management Information System

<http://www.filefactory.com/file/331v34mf2f4x/Mgt%20303%20MIS.pdf>

<http://www.filefactory.com/file/7dl9zwkmdi0b/Mgt%20303%20MIS.ppt>

<http://www.filefactory.com/file/44u1le4v1em5/Mgt%20303%20MISa.pdf>

Day 23Part 1

BAE 601 Computer Programming (Electrical+ Mechanical)

Written References

Introduction to programming & C Language

<http://www.filefactory.com/file/33ifz8nn61bz/c-1-introduction-to-programming-and-the-c-language.pdf>

Object oriented programming using C #

<http://www.filefactory.com/file/75ti91xsu0e7/object-oriented-programming-using-c-sharp.pdf>

VIDEO FILES

<http://www.filefactory.com/file/xnw3blrqmzx/Day%2023%20Part%201-BAE601%281%29.mp4>

<http://www.filefactory.com/file/6y8xz70ffggl/Day%2023%20Part%201-BAE601%282%29.mp4>

<http://www.filefactory.com/file/3fp84zt8r51l/Day%2023%20Part%201-BAE601%283%29.mp4>

<http://www.filefactory.com/file/4ymouy7cme6r/Day%2023%20Part%201-BAE601%284%29.mp4>

Day 23 Part 2

BAE621 Structural Engineering (Civil)

VIDEO FILES

<http://www.filefactory.com/file/71fx3sq1hvp9/Day%2023%20Part%202-BAE621%281%29.mp4>

<http://www.filefactory.com/file/7q5vz747rkb/Day%2023%20Part%202-BAE621%282%29.mp4>

<http://www.filefactory.com/file/2mq6vvrkymrd/Day%2023%20Part%202-BAE621%283%29.mp4>

<http://www.filefactory.com/file/3xgie1zvnwbi/Day%2023%20Part%202-BAE621%284%29.mp4>

Written References

Theory of Structure

<http://www.filefactory.com/file/52fn70u1lkl/Theory%20of%20Structure.pdf>

Day 23 Part 3

Mgt 304 Electronics Commerce

VIDEO FILES

<http://www.filefactory.com/file/1gk3hsv8lxw/Day%2023%20Part%203-Mgt304%281%29.mp4>

<http://www.filefactory.com/file/4b7nm1cq8mir/Day%2023%20Part%203-Mgt304%282%29.mp4>

<http://www.filefactory.com/file/2jwz3ke08zj/Day%2023%20Part%203-Mgt304%283%29.mp4>

<http://www.filefactory.com/file/5jt4q1wby3st/Day%2023%20Part%203-Mgt304%284%29.mp4>

Written References

Mgt 304

<http://www.filefactory.com/file/50jukfrv9jpv/Mgt304%2810%29.pdf>

<http://www.filefactory.com/file/1k4mbrq12u7/Mgt304%2811%29.pdf>

<http://www.filefactory.com/file/4fsm0sij8me7/Mgt304%2812%29.pdf>

<http://www.filefactory.com/file/2ktbh77f417v/Mgt304%2813%29.pdf>

<http://www.filefactory.com/file/3jkb6x1f9zpt/Mgt304%2814%29.pdf>

<http://www.filefactory.com/file/2e6qu4kchlkt/Mgt304%289%29.pdf>

Day 24Part 1

BAE 601 Computer Programming (Electrical+ Mechanical)

BAE 504 Power System Analysis

Written References

Introduction to programming & C language

<http://www.filefactory.com/file/2f4mrnhniw5n/c-1-introduction-to-programming-and-the-c-language.pdf>

VIDEO FILES

<http://www.filefactory.com/file/454nd34qqem7/Day%2024%20Part%201-BAE601%284%29.mp4>

<http://www.filefactory.com/file/5901505u95b1/Day%2024%20Part%201-BAE601%281%29.mp4>

<http://www.filefactory.com/file/1mnj1lr4611/Day%2024%20Part%201-BAE601%282%29.mp4>

<http://www.filefactory.com/file/6fmoyscbj4l5/Day%2024%20Part%201-BAE601%283%29.mp4>

<http://www.filefactory.com/file/59wjj17v6mvt/object-oriented-programming-using-c-sharp.pdf>

Day 24 Part 2

BAE621 Structural Engineering (Civil)

VIDEO FILES

<http://www.filefactory.com/file/61yx4hm3es7h/Day%2024%20Part%202-BAE621%28B%29%281%29.mp4>

<http://www.filefactory.com/file/1zh2oxil8s7h/Day%2024%20Part%202-BAE621%28B%29%282%29.mp4>

<http://www.filefactory.com/file/1nt8yjp9yt5/Day%2024%20Part%202-BAE621%28B%29%283%29.mp4>

<http://www.filefactory.com/file/679kdp5xufts/Day%2024%20Part%202-BAE621%28B%29%284%29.mp4>

<http://www.filefactory.com/file/74bi9pa9op6n/Day%2024%20Part%202-BAE621%28B%29%285%29.mp4>

<http://www.filefactory.com/file/6kzk9n9ogy0f/Day%2024%20Part%202-BAE621%28B%29%286%29.mp4>

<http://www.filefactory.com/file/6pjnrhh89gv/Day%2024%20Part%202-BAE621%28B%29%287%29.mp4>

<http://www.filefactory.com/file/ld2jdmt8wd/Day%2024%20Part%202-BAE621%28B%29%288%29.mp4>

<http://www.filefactory.com/file/q4zy0wkd949/Day%2024%20Part%202-BAE621%28B%29%289%29.mp4>

Written References

Structural Engineering

<http://www.filefactory.com/file/2mk98ngi4str/Handbook%20of%20Structural%20Engineering.pdf>

Day 24 Part 3

Mgt 305 Quantitative Methods for Management

Written References

Business Research Methods

<http://www.filefactory.com/file/43klxkssx82b/BusinessResearchMethod.pdf>

Final Presentation

<http://www.filefactory.com/file/3p3y2inhbypv/Final%20Presentation.ppt>

Quantitative Methods for Management

http://www.filefactory.com/file/2aj8qcsilmu5/Quantitative_Methods_for_Management.zip

VIDEO FILES

<http://www.filefactory.com/file/74yw158w4zut/Day%2024%20Part%203-Mgt%20305%281%29.mp4>

<http://www.filefactory.com/file/1o0banhxys9v/Day%2024%20Part%203-Mgt%20305%282%29.mp4>

Day 25Part 1

BAE 602 Computer Network (Electrical)

Written References

<http://www.filefactory.com/file/4cc4c8hefgen/Computer%20Network%20Power%20Point%20Lectures.zip>

VIDEO FILES

<http://www.filefactory.com/file/4e06n4zltut/Day%2025%20Part%201-BAE602%281%29.mp4>

<http://www.filefactory.com/file/2yb3xx2dum9t/Day%2025%20Part%201-BAE602%282%29.mp4>

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<http://www.filefactory.com/file/41nbt87f2e2f/Day%2025%20Part%201-BAE602%284%29.mp4>

<http://www.filefactory.com/file/5lx1m3taem1z/Day%2025%20Part%201-BAE602%285%29.mp4>

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<http://www.filefactory.com/file/6hrtw8d664lh/Networking%20Lesson%20Power%20points.zip>

Day 25Part 2

BAE424 Reinforced Concrete (Civil)

VIDEO FILES

<http://www.filefactory.com/file/5kfeuk1jw2hl/Day%2025%20Part%202-BAE424%281%29.mp4>

<http://www.filefactory.com/file/1su1thvioh87/Day%2025%20Part%202-BAE424%282%29.mp4>

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Reinforced Concrete Analysis & Design

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Day 25 Part 3

Mgt 306 Human Resources Management

VIDEO FILES

<http://www.filefactory.com/file/1m0pmfotldiv/Day%2025%20Part%203-Mgt306%281%29.mp4>

<http://www.filefactory.com/file/o8z39ryjvwj/Day%2025%20Part%203-Mgt306%282%29.mp4>

<http://www.filefactory.com/file/2gf1hyvyj6g5/Day%2025%20Part%203-Mgt306%283%29.mp4>

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Mgt 305

<http://www.filefactory.com/file/i0z11zo6ibr/Mgt305%281%29.pdf>

<http://www.filefactory.com/file/2phd2s6xqt7n/Mgt305%282%29.pdf>

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<http://www.filefactory.com/file/3gc2uibf1kvr/Mgt305%287%29.pdf>

<http://www.filefactory.com/file/2d47tob9fgnn/Mgt305%288%29.pdf>

Day 26Part 1

BAE 501 Advanced Power Systems & Power Transmission Networks (Electrical)

BAE314 Mechanical Power Generation (Mechanical)

VIDEO FILES

<http://www.filefactory.com/file/4c6di9ozqidn/Day%2026%20Part%201-BAE501%281%29.mp4>

<http://www.filefactory.com/file/5xz6odozqhmf/Day%2026%20Part%201-BAE501%282%29.mp4>

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<http://www.filefactory.com/file/2xuc57olnjp/EE%20302%20Power%20System%20Technology.pdf>

Power Generation System

<http://www.filefactory.com/file/1g8rn3y5iuwt/EE%20512%20Electrical%20Power%20Generation%20System.pdf>

EE512 Power System

<http://www.filefactory.com/file/1s2i0qu5uywf/EE%20512%20Power%20System%20.pdf>

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<http://www.filefactory.com/file/28x7lq9punh/lecture1.pdf>

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Optimization

<http://www.filefactory.com/file/5955elz7y6lj/Optimization.pdf>

Day 26Part 2

BAE 506 Power System Stability & Protection (Electrical)

BAE 505 Power System Optimization

VIDEO FILES

<http://www.filefactory.com/file/4d983zr28dkt/Day%2026%20Part%202-BAE506%281%29.mp4>

<http://www.filefactory.com/file/3xdfxwre9f1v/Day%2026%20Part%202-BAE506%282%29.mp4>

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Stability Analysis

<http://www.filefactory.com/file/35zcg07ksw8z/Stability%20Analysis.pdf>

Transient Stability

<http://www.filefactory.com/file/57kmoahm0kef/Transient%20Stability.pdf>

Day 26 Part 3

Mgt 307 Marketing Management

VIDEO FILES

<http://www.filefactory.com/file/76und2q16q0b/Day%2026%20Part%202-BAE506%286%29.mp4>

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Day 27Part 1

BAE 407 Advanced Electro-magnetics Field & Materials

VIDEO FILES

<http://www.filefactory.com/file/2bz6ysb0pk8b/Day%2027%20Part%201-BAE%20407%281%29.mp4>

<http://www.filefactory.com/file/6pd9v94velh1/Day%2027%20Part%201-BAE%20407%282%29.mp4>

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Day 27Partt2

BAE 507 Electro-mechanical Energy Conversion

VIDEO FILES

<http://www.filefactory.com/file/6h2ano89txj1/Day%2027%20Part%202-BAE%20507%281%29.mp4>

<http://www.filefactory.com/file/4z2lb9haz42b/Day%2027%20Part%202-BAE%20507%282%29.mp4>

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Lecture 23

<http://www.filefactory.com/file/3aaqmiyensy9/lecture23%5B1%5D.pdf>

Day 28 Part 1

BAE 504 Power System Analysis

VIDEO FILES

<http://www.filefactory.com/file/6537sau8c089/Day%2028%20BAE%20504%20Part%201%281%29.mp4>

<http://www.filefactory.com/file/6m4u3na288zz/Day%2028%20BAE%20504%20Part%201%282%29.mp4>

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<http://www.filefactory.com/file/6hsszmrhn9sb/lecture4.pdf>

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Day 28 Part 2

BAE 504 Power System Analysis

VIDEO FILES

<http://www.filefactory.com/file/6n5x59ak4rqn/Day%2028%20BAE504%20Part%202%281%29.mp4>

<http://www.filefactory.com/file/1qgggl2l9k2b1/Day%2028%20BAE504%20Part%202%282%29.mp4>

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<http://www.filefactory.com/file/18mlotxr88mn/lecture17.pdf>

<http://www.filefactory.com/file/62w1j2t15nkv/lecture18.pdf>

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<http://www.filefactory.com/file/t34ut8b25h3/lecture22.pdf>

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Day 29

BAE 505 Power System Optimization

Day 30

BAE 502 Linear System

VIDEO FILES

<http://www.filefactory.com/file/e974dm09hav/Day%2030-BAE502%281%29.mp4>

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EE601 Feedback & Control System

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Day 31

BAE 503 Control System

VIDEO FILES

<http://www.filefactory.com/file/3m9z0x2r4gel/Day%2031-BAE502%2B503.mp4>

Written References

EE601 Feedback & Control System

<http://www.filefactory.com/file/5fa87a0txm93/EE%20601%20Feedback%20and%20Control%20System.pdf>

Day 32

BAE 607 Radio Wave Propagation & Microwave Techniques

VIDEO FILES

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<http://www.filefactory.com/file/66e4oxpdtbv/P9060002.mp4>

<http://www.filefactory.com/file/29qvaaluffl1/P9060003.mp4>

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Chapter 5-1

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Chapter 3

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ECE5014 Microwave

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Lecture 6

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Lesson 7 Propagation

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