

BACHELOR OF ENGINEERING (MECHANICAL) 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#a3](http://highlightcomputer.com/B%20E+B%20App%20Sc(IT)+B%20Bus%20Course%20Detailed%20Contents.htm#a3)

[Mechanical Engineering Course Outline](#)

Detailed Contents

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ASSESSMENT POLICY

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

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](#)

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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

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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](#)

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BAE 404 Engineering Materials & Thermodynamics

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[Video+TextBooks](#)

5 RE001- Foundation Studies in Renewable Energy and Sustainability

TUTORING LESSONS

www.igytechnicalcollege.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 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

A		B	
C		D	
Answer			

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

A		B	
C		D	
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

C

B

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.igytechnicalcollege.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.

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

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 = $R = 0.8 \text{ ohm}$, 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 :

Installed capacity = 10 MW ; Water head, $H = 20$ m

Overall efficiency, $\eta_{\text{overall}} = 80\%$; Load factor = 40%

Q29.

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

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.igytechnicalcollege.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

10 RE010-Engineering Materials

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	n
1	2	What is metal	s
1	2	What is metal	?
3	3	What is polymers?	

4	4	What is thermoplastic?	s
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	
17	22, 23	Sketch force-extension diagram _____	m

18	24	How do you understand tensile strength?
19	25	Define % elongation
20	26 to 30	Explain brinell hardness test
21	31	Explain rockwell hardness test
22	32	Explain creep
23	33, 34	Explain fatigue

24	35	What is safety factor?
25	36	Describe the process of casting
26	37	Describe the process of ingot casting
27	38 to 43	Describe the process of sand casting
28	44, 45	Describe the process of full mould process

29 46, 47 What is dimension accuracy + long run production?

30 48 to 50 What is euthetics? _____

31 51 What is annealing?

32 52 to 54 Describe brick analogy _____

33 55, 56 Describe diffusion _____

34 57 Describe Intermetallic compound

35 58 Sketch equilibrium diagram _____

36 59 to 61 Explain the way of obtaining equilibrium diagram _____

37 62 What are the part of equilibrium diagram _____

38 63, 64 What are the types of equilibrium diagram _____

39 65 What is weight of compound from equilibrium diagram?

40 66 to 69 What is effect of cooling rate _____

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 _____

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 _____

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 _____	
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 _____	sis
71	133	What are Important effects of alloying elements? _____	
72	134	What is surface hardening?	
73	135	What is case hardening _____	ing?
74	136, 137	What is carburizing _____	ing?
75	138	What is case hardening steel _____	l?
76	139	What is heat treatment?	
77	140, 141	What is induction hardening _____	g?
78	142	Summary	
79	143 to 147	What is cast iron _____	on?
80	148	Describe the Properties of copper _____	r

81	149 to 151	Explain copper alloy	
82	153, 154	Express the method of Aluminium extraction	ion
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	Alloy
88	165, 166	Write note on titanium	im
89	167	Write note on magnesium alloy	Alloy
90	168	Write note on bearing metal	
91	169	Write note on aluminium Tin Alloy	
92	170, 171	What are types of plastics?	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 polyethylene	
98	177	Explain polyvinyl chloride	
99	178	Explain Polyvinyl acetate	
100	179 to 181	All materials	
101	182	Explain cellulose thermoplastic	
102	183	Explain polyester	
103	184	What are high temperature thermoplastics?	
104	185, 186	What is thermoset?	
105	185	What is solid state polymer?	
106	188 to 190	Properties	
107	191 to 193	What are mechanical properties of plastics?	
108	194 to 197	Explain hardness test, creep	

109	198	Explain extrusion of plastics	
110	199	Explain moulding	
111	200, 201	Explain ceramic g	roup
1123	202, 203	Explain chain type arrangeme	nt
113	204	Explain sheet type arrangeme	nt
114	205	Explain clays	
115	206	Explain fire clay	s
116	207	Explain heat treatment of clay product	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	nt
121	218	Explain semi conduct	or
122	219, 220	Explain composition and structure of gla	ss

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

124	222	Explain glass ceramics		
-----	-----	------------------------	--	--

125	223	Explain glass manufacture	_____	ure
-----	-----	---------------------------	-------	-----

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

127	225	Explain particle composite	_____	e
-----	-----	----------------------------	-------	---

128	226	What is cohesion between particles?		
-----	-----	-------------------------------------	--	--

129	227, 228	Explain particle hardened composite	_____	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	le
134	236	Explain tensile strength of composite	le
135	237	Explain modulus of composite	le
136	238	Explain fibre	
137	240	Explain matrix material	ls
138	241	What are mechanical properties of unidirectional fibre composite	ls
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 material _____	ls
159	266	Describe service requirements	
160	267	Describe tensile strength _____	h
161	268 to 271	Describe stiffness, modulus of elasticity	
162	271, 272	Describe working temperature _____	e

163	273	Describe coefficient of friction _____	ion
164	274, 275	Describe stability in the environment _____	
165	276 to 279	Describe electrical conductivity _____	y
166	280	Describe cost _____	ing
167	281, 282	Describe choice of shaping process _____	ss
168	283	Describe ductility _____	y
169	284	What are the manufacturing Processes _____	
170	285, 286	How do you understand Tolerance _____	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-

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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](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](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](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

[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](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](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](#)

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[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](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](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](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](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](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/2gutfys5mdgl/n/E025_Online_Test_1_Marking_doc

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DCVK7

G048 Test 1-----UENEEE125A

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

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

G9PLM

G048 Test 2-----UENEEE125A

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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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UE6FAG

G049 Test 2-----UENEEG149A

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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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RE015-Electrical Project/ Practice

(Electrical)

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

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ASSIGNMENT

CE 107 Sanitation-and-Water-supply

All lessons will be supported by powerpoints audio explanation or MP# audio files sent by e-mails.

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.

TUTORING LESSONS

[BAE606 Wk 1 CE 110](#)

[http://www.filefactory.com/file/5fbu60ltwqrt/n/BAE606 Wk 1 CE 110 zip](http://www.filefactory.com/file/5fbu60ltwqrt/n/BAE606_Wk_1_CE_110.zip)

[BAE606 Wk 2 CE 110](#)

[http://www.filefactory.com/file/5ewwvvb4twz/n/BAE606 Wk 2 CE 110 zip](http://www.filefactory.com/file/5ewwvvb4twz/n/BAE606_Wk_2_CE_110.zip)

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

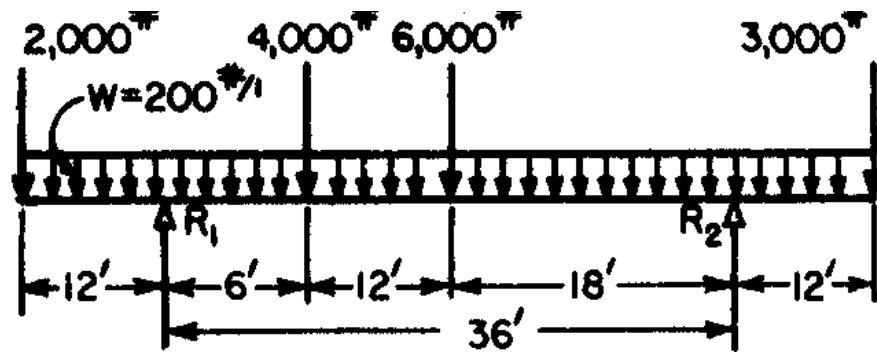
Slide 3

Q2.Sketch the followings

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

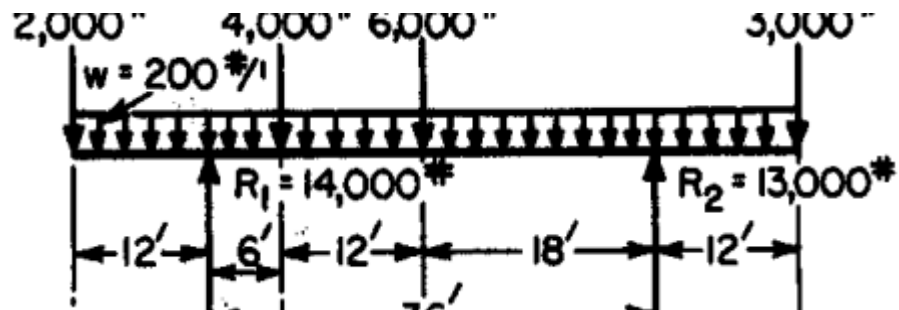
Slide 4

Q3.Calculate reaction R1 & R2



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.

4 BAE311 Plant Engineering (2 pt)

TUTORING LESSONS

www.iqytechnicalcollege.com/BAE311PlantEngineeringVibrationControl.pptx

VIDEO

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

BAE311 Plant Engineering (Mechanical)

Instruction

Video+TextBooks

5 BAE314 Mechanical Power Generation (2 pt)

TUTORING LESSONS

www.iqytechnicalcollege.com/BAE314MechanicalPowerGenerationMachineControl.pptx

BAE 314 Mech power Generation Test.pdf (3.58MB)

http://www.filefactory.com/file/7ivses407cl1/n/BAE_314_Mech_power_Generation_Test.pdf

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

www.iqytechnicalcollege.com/BAE315MaterialsEngineering.pptx

VIDEO

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

TEST

BAE 315 Material Engg Test.pdf (7.03MB)

[http://www.filefactory.com/file/zzlo7bx6tl9/n/BAE 315 Material Engg Test.pdf](http://www.filefactory.com/file/zzlo7bx6tl9/n/BAE_315_Material_Engg_Test.pdf)

7 BAE511 Air-conditioning & Refrigeration Part 1

TUTORING LESSONS

www.iqytechnicalcollege.com/BAE511AirconditioningRefrigerationHeatTransfer.pptx

www.iqytechnicalcollege.com/BAE511HeatTransfer.pptx

VIDEO

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

BAE511 Air-conditioning & Refrigeration Part 1 (Mechanical)

Instruction

Video+TextBooks

TEST

BAE 511 Air Conditioning refrigeration Heat Transfer Test.pdf (0.27MB)

http://www.filefactory.com/file/2h0bvbju9vn5/n/BAE_511_Air_Conditioning_refrigeration_Heat_Transfer_Test.pdf

8 BAE512 Building Service Water Supply System

TUTORING LESSONS

www.iqytechnicalcollege.com/BAE512BuildingServiceWaterFluidSupplySystem.pdf

VIDEO

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

BAE423 Fluid Mechanics (Civil)

BAE512 Building Service Water Supply System (Mechanical)

Instruction

Video+TextBooks

TEST

BAE 512 Building Service water & Fluid Supply Test.pdf (6.65MB)

http://www.filefactory.com/file/32yi87dda2yr/n/BAE_512_Building_Service_water_&Fluid_Supply_Test.pdf

BAE512 Building Service Water.doc (0.02MB)

http://www.filefactory.com/file/40vcrk1svydp/n/BAE512_Building_Service_Water.doc

9 BAE613 Mechanical Instrumentation Process

TUTORING LESSONS

www.iqytechnicalcollege.com/BAE613MechanicalInstrumentationProcess1.pptx

www.iqytechnicalcollege.com/BAE613MechanicalInstrumentationProcess.pdf

www.iqytechnicalcollege.com/BAE613MechanicalInstrumentationProcess.ppt

VIDEO

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

RE014-Electronics Control (Electrical)

BAE613 Mechanical Instrumentation Process

(Mechanical)

Instruction

Video+TextBooks

TEST

BAE 613 Mech Instrumentation Process Test.pdf (2.65MB)

http://www.filefactory.com/file/53r4fs72o1f/n/BAE_613_Mech_Instrumentation_Process_Test.pdf

10 BAE614 Machine Design

TUTORING LESSONS

www.iqytechnicalcollege.com/BAE614MachineDesign.pptx

VIDEO

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

BAE614 Machine Design (Mechanical)

Instruction

Video+TextBooks

TEST

BAE 614 Machine Design.doc (0.55MB)

http://www.filefactory.com/file/gbjya1h93g5/n/BAE_614_Machine_Design.doc

BAE 312 Design Engineering Test.pdf (0.38MB)

http://www.filefactory.com/file/24uqzpscjcot/n/BAE_312_Design_Engineering_Test.pdf

Download now!

BAE 311 Vibration Control Test.pdf (1.3MB)

http://www.filefactory.com/file/6cwggpepc9tz/n/BAE_311_Vibration_Control_Test.pdf

RE007- Energy System Efficiency

(Electrical)(Mechanical)

11.RE007- Energy System Efficiency
TUTORING LESSONS

www.igytechnicalcollege.com/RE007.zip

VIDEO

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

Instruction

Video+TextBooks

ASSIGNMENT

(16)Lighting problems

Slide 1+2

Q116.Explain (a) Glare control (b) Lighting level (c) Lighting efficiency (d) Increase utilization of light.

Slide 3

Q117.Compare dark surface and white surface for illumination

Slide 4

Q118.How can best achieve the energy saving?

Slide 5

Q119.What are the illumination requirements for various places?

(17) Fire protection , smoke alarm

Slide 1+2

Q120.Sketch ionisation alarm & explain it.

Slide 32

Q121.Sketch photo electric smoke alarm.

Slide 4+5

Q122.Describe the selection of smoke alarm.

Slide 6

Q123.Sketch the wiring connection for smoke alarm.

Slide 7+8+9

Q124.Indicate the location of smoke alarm in a building.

Slide 10+11+12

Q125.Describe hazardous areas & types of explosion protections.

Slide 13

Q126.What wiring systems & equipments are not allowed in hazardous area?

(18) Energy management –human factor

Slide 1+2+3

Q127.Explain motivation for energy management

(19) Energy saving campaign

Slide 1+2

Q128.Explain the steps in energy saving campaign.

(20) Hot water transmission

Slide 1+2

Q129.Sketch hot water heating design of (a) series loop system (b) two pipes system

Slide 3

Q130.Explain space heating radiant panel.

Slide 4+5

Q131.Explain boiler and system control with sketch.

Slide 6+7+11

Q132.Sketch hot water heating devices.

Slide 8

Q133.Describe the overview of electrical system and design.

Slide 9+10

Q134.Sketch service wire entrance.

(21)Motivation for energy saving

Slide 1+2

Q135.Write the check list for motivation for energy saving.

Slide 3+4

Q136.Express activity checklist for energy saving motivation.

Slide 4+5

Q137.Provide the overview of energy management system.

12 BAE 601 Computer Programming

TUTORING LESSONS

www.iqytechnicalcollege.com/BAE601.zip

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

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

VIDEO

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

<u>BAE 601 Computer Programming</u> (Electrical+ Mechanical)
<u>Instruction</u>
<u>Video+TextBooks</u>
<u>BAE 601 Computer Programming</u> (Electrical+ Mechanical)
BAE 504 Power System Analysis
<u>Instruction</u>
<u>Video+TextBooks</u>

ASSIGNMENT

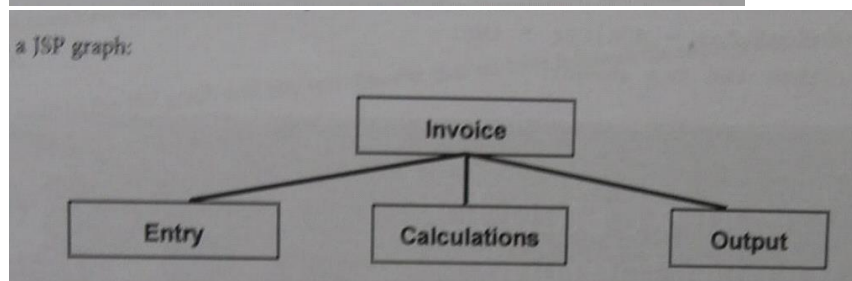
BAE 601 Computer Programming

BAE 601 Computer Programming

- (1) Write text of program (source code) using an editor such as emacs, save as file e.g. my_program.c to appear the sentence "Hello world"
- (2) Write the C++ invoice program according to the given outline

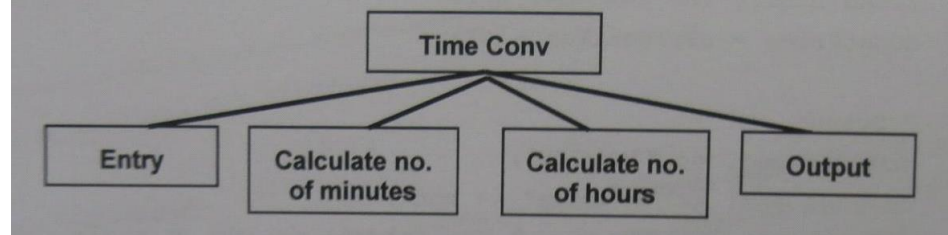
```
INVOICE
*****
Quantity:          30
Price per unit:    42.50
Total price:       1593.75
Tax:               318.75
```

a JSP graph:

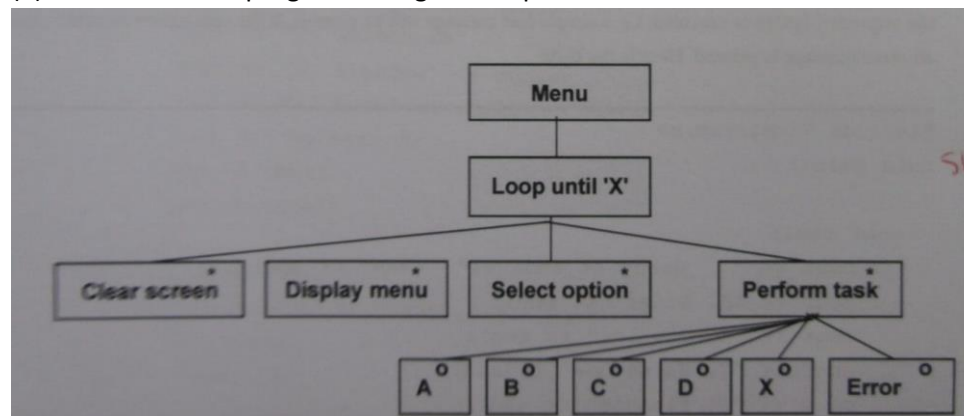


- (3) Write C++ time conversion program according to given outline.

a JSP graph:



(4) Write C++ Menu program with given loop.



(5) Write the program to solve the equation

$$x^2 - 6x + 8 = 0$$

[BAE 602 Computer Network](#)

(6) Sketch Hop-to-hop delivery diagram.

- (7) Draw the flow diagram of Modulation of a digital signal for transmission on a bandpass channel
- (8) sketch line coding scheme.
- (9) Describe Multilevel: 2B1Q scheme.
- (10) Draw the diagram for Implementation of BASK.
- (11) What are the features of wireless channels?

GENERAL REFERENCES

http://www.filefactory.com/file/60hfox9jsith/n/Bachelor_of_Applied_Engineering_Mechatronics_Adv_Dip_Mech_Engg_Update

Test Questions

MECHANICAL

P1240529.JPG (3.26MB)

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http://www.filefactory.com/file/2cfwyi20d81t/n/BE_Mechanical_Year_3_amp_4_doc

INTENSIVE SESSION VIDEOS REFERENCE PAGES IN NOTES

Day 1

Overview of lessons

Day 2 Part 1- Overview of Diploma & Advanced Diploma in Electrical Engineering

Folder-Study Guides + Lessons for Cert Eng+Mgt+IT All Combined 3

The following files are explained in videos

EE104-02, 03,04

EE105-1,2,3,4

EE106-G008 3,4

EE109-2

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

EE113-01,02,03,04,06

EE114-1,2,3,4,5,6

EE117-01,02,03

EE118-G015AA-1,2,3,4

EE121-H026-2,3

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

EE202-G047 1,2,L1, L1(2),L29

EE203-G049-1,19,2

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

Folder-Study Guides + Lessons for Cert Eng+Mgt+IT All Combined 4

EE205-03,04,05,06,07,08

EE206-01,02,03,05,06

EE207-01,02,03,04

EE208-01,02,03,04,05,06,07

EE209-02(1),(2),(03),(04)

EE305-01,02,04,05,06

EE307-K041-01,02,03,04

Day 2 Part 2- Overview of Diploma & Advanced Diploma in Civil Engineering

Folder-Study Guides + Lessons for Cert Eng+Mgt+IT All Combined 1

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

CE101-1a,2,4,5,7,8,10,11

CE106 Part 2-3,2-7,2-13

CE107-003,004,007,012(1),013,016,23,27,28,29,31,34,39,42

CE102-1,003(1),(2),004(1),(2),(3),005(1)

CE104 Part 1-2,1-3,1-4,1-8,1-10,1-11,2-6,2-11

Folder-Study Guides + Lessons for Cert Eng+Mgt+IT All Combined 2

CE104 Part 2-23,2-25,3-03,3-08,3-15,3-23,3-24,3-25,3-27,3-28,3-29,3-30,4-11,4-15,4-21,4-22,4-24

CE106A 1-06,1-09,1-11,1-17,1-25,2-01,2-07

CE108-1,2,3

CE110-03,05,07,10,12,16,18,19

Folder-Study Guides + Lessons for Adv Dip Eng+Mgt+IT All Combined 2

CE103 Part 2-1,2,3,4,5,6,9

Day 2 Part 3- Overview of Diploma & Advanced Diploma in Mechanical Engineering

Folder-Study Guides + Lessons for Cert Eng+Mgt+IT All Combined 4

ME201 Part 1-01,02,03,04

ME203 Part 1-01,02,03,04,05,06,07

ME204-01,02,03,04,05,

ME206 Part 1-01,02,03,11,12,14

ME207-01,02,03,04

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Brief explanation

Folder-Study Guides + Lessons for Cert Eng+Mgt+IT All Combined 5

ME101 Part 1-01,02,03,04,05,10,12,13,17,

2-4,2-5,2-6,2-81

1-12,1-13

ME102 Part 1-02,1-03,1-04,1-05,1-06,1-07,1-08,1-09

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ME103-01,02,02a,04

ME104-02,03,04,05,06

ME105-EE103 2,3,4,5

ME106-1,2,3,4

ME107 Part 1-01,02,03

ME108-03,04,05,28,29

ME109-1,5,6,7

Folder-Study Guides + Lessons for Adv Dip Eng+Mgt+IT All Combined 2

EE115-I006-15,16,17,18,19

EE302 Part 2-3,4,31

EE303 Part 1-1,2,3

EE305 Part 1-1.1-2,1-3,2-1,2-2,2-3

EE307-K041 01,02,03

EE308 Part 1-1,1-2,1-3,2-1,2-2,2-4

EE308 Part 1-1,1-2,1-3,2-1,2-2,2-4

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

Folder-Study Guides + Lessons for Adv Dip Eng+Mgt+IT All Combined 3

ME203 Part 1-03,04,05,06,07

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

ME202 Part 3-03,04,05

ME208 Part 1-03,04,05,06

ME209-02,04,05,06,07,11,14

ME302 Part 1-01,02,03,07

ME306-01,02,03

ME334 Part 1-01,02,03,04

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ME434 Part 1-02,03,04,05,06,07,08,09,10,11,12

ME534 Part 1-02,03,04,05

Folder-Study Guides + Lessons for Adv Dip Eng+Mgt+IT All Combined 5

ME634 Part 1-01,02,03,04,05,06,

Part 2-09,2-13,2-15,3-06,3-13,4-07

ME303+310+3-5+309 Folder

ME303-10,11,12,13

ME310-27,28

ME305-27,28

Day 3 Part 1

BAE 401 Advanced Engineering Mathematics

An introduction to theory of complex variables

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Applied Mathematics by examples (Theory)

Page 17,18

Continuous Distribution

Page 8- Normal Distribution

Discrete Distribution

Geometric Distribution, Pascal Distribution

Page 6,9

Elementary Linear Algebra

Page 14 Graphs of functions

Page 15,16

Page 17 Complex Numbers

Page 18 Laws

Page 20,21 Polar form of complex numbers

Ex 1-6-3, 1-6-4

Page 23,24 Quadratic Formula

Page 47 Vector Products

Page 49 Angle between two vectors

Page 59,60 Cross product

Page 73-System of equations, Page 76,81,82

Matrices –Page 97,98,99,100 Matrices Multiplication

Essential Engineering Mathematics

Page 39 Friction & Limit

Page 43,48-continuity

Page 52 Differentiation

Page 50 Chain Rule

Page 81 Integral Page 82,85,86

Integration & Differential Equations

Page 24,63 Nature of solution of differential equations Page 64

Page 67,68 First ODE

Page 69 Homogeneous Equation

Example 4 Page 70,71

Day 3 Part 2

BAE 402 Calculus

Calculus 1a

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Page 58 Integration, Page 59,60,61,62,63,64,65,66,68

Simple Differential Equations Page 79

Linear Differential Equations First Order Page 80,81,83,84

Page 91,96,97- Linear differential equations of second order with variable coefficient

Calculus 2a

Page 20 Approximation of polynomials

Page 21 Taylor Expansion

Ex 7.1 Page 22

Page 24 Gradient Field

Page 25,26

Page 29 Integration in plane and space

Page 32 Pb 10.1

Page 34,35,37,39,40

Calculus 3C-1

Page 6,7 Example of sequence

Calculus 4b

Page 11 Fourier Series Method of calculation

Diemann's Theorem Page 14

Page 16,17,Even, Odd Functions, Page 18

Day 3 Part 3

Mgt 101 Management (Mgt 501 Management Brief)

Page 9 Hawthorne Studies , Importance of paying attention to human needs 1.3 Emphasis on people

Page 12 –1.4.2 System Balance /Co-ordination

Page 14 Leadership –Effective leadership

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

Page 17 Influencer, Pusher

Page 18 Style of leadership

Page 19 Organizational leaders

Page 27 Managerial Role

Page 34 Self monitoring Personal characteristics

Page 35 Locus of control

Page 36 Attitude play in workplace

Page 40 Leadership development –self efficiency

Page 41 Definition of organization

Page 43-Forming / Storming

Page 44 Social facilitation

Page 46 Culture

Page 51 Motivation / Content process theory

Page 52 Efficiency reward

Page 53 Salient reward

Page 54 Punishment reward

Page 55 Goal setting

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Page 8-Forces

Page 28 Vector Forces

Page 32 Vector operation

Page 34 Vector addition

Page 76 Vector dot & cross products

Page 91_92 Vector cross products

Page 111+112 Equilibrium

Page 113+114 Free body diagram

Page 149 Reaction

Page 202 Moment couple

Page 246 Equation of equilibrium

Page 330 Truss structure

Page 346 Truss structure & method of sections

Page 396 Centre of gravity

Page 413 Centre of mass

Page 432 Distributed force

Page 458 Internal forces/ Deformation

Page 499 Friction

Page 534 Moment of inertia

Page 545 Parallel axis theorem

Page 553 Mass moment of inertia

Day 4 Part 2+ Day 5 Part 2

ICT 101/102/Mgt 108

Excel 2010, Powerpoint 2010 Project 2-10

Word 2010

Mgt 108 Computer Applications

Good one ppt

RAM/SDRAM

Hard drive controller

Day 5 Part 2

Mother board

Power supply surge protection

System Bus CPU

Day 5 Part 1

BAE 404 Engineering Materials & Thermodynamics

Page 17 Type f systems

Page 20 Properties , State & process

Page 27 Pressure Temperature relationship

Page 39 Kinds of systems

Page 45 / 46 Work/ KE

Page 51 Expansion / Compression Work Page 53,54,55

Page 59 Total energy in a system

Page 63 -65 Energy balance for closed system

Page 87 Evaluating properties Page 88,94

Page 118 Internal Energy , Enthalpy Specific heat of ideal gases

Page 136 Mass for a control volume.

Page 153 Heat transfer from turbine

Page 154 ,Page 192 Clausius statement of second law of thermodynamics

Page 212 Carnot cycle

Page 213,223,227,229 Entropy change

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Strength of materials

Page 7 Tension Compression Page 11,12,15

Page 44 Tension , Compression Determination

Page 69 Pressure vessel Page 71

Page 88 Shear stress Page 89, 90

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Page 128 Shearing force & bending moment Page 129, 130, 131, 132,133, 147

Page 160 Moment of inertia Page 161, 162, 163, 164

Page 183 Stresses in beam Page 184, 185, 186,187

Day 6 Part 1

RE 001 Foundation Studies in RE

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Day 6 Part 2

ICT 103 Applied Programming

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Page 27 Console programs Page 28,29

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Strings Page 55,56,57

Arrays Page 62,63,64

Classes Page 73 ,74

Design of classes Page 81, 82

Method Page 88,89

Inheritance Page 100,101

Day 7Part 1

RE003 Solar & Thermal Energy System

Slide

1,2,5,6,9,11,14,15,20,21,24,25,31,33,35,37,39,42,44,46,47,53,57,58,61,63,69,71,73,77,100,117,118,122,123,126,130,137,138,148,151,152,154

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Solar water heating system + Collectors Page 20 to 39

Solar water heater + Heat exchanger Page 42 to 63

Combined hot water system Page 100 to 148

Dielectric +Heating system + Earth Reservoir Page 151 to 154

Day 7Part 2

ICT 104+Mgt 104/BAE 508 Engineering Project Management

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Page 26 What is project?

Page 27 What is project management?

Page 28 Project life cycle

Page 29 to 33 Project management process step by step

Page 40 Organizational context

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VIDEO LINKS

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Day 5 Part 1

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Day 7 Part 1

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[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/tkqv9361tg/n/Day_8_Part_1B-RE006_\(1\).mp4](http://www.filefactory.com/file/tkqv9361tg/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/7gzs4g0ct6i5/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/6593padjihjwn/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/2rx59jyn0zx/n/RE005-RE Resources Analysis \(5\).pdf](http://www.filefactory.com/file/2rx59jyn0zx/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/6ij4aag9kodh/n/RE005-RE Resources Analysis \(6\).pdf](http://www.filefactory.com/file/6ij4aag9kodh/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/3ch6asqhy3rd/n/Day_9 Part 2 ICT 106\(A\).mp4](http://www.filefactory.com/file/3ch6asqhy3rd/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/23ohjot96q7/n/Day_10_Part_1-RE010-ENMAT101A_Engg_Mat_Processes\(3\).mp4](http://www.filefactory.com/file/23ohjot96q7/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/3qqqp9pssoer/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/9hh2ngu37hp/n/Day_11_Part_1_RE012A\(5\).mp4](http://www.filefactory.com/file/9hh2ngu37hp/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/1cb3a3cuji3x/n/Day_10_Part_2-ICT_107_\(2\).mp4](http://www.filefactory.com/file/1cb3a3cuji3x/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/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)

[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/5g8a780y6dyp/n/Day_12_Part_1-RE015+016\(6\).mp4](http://www.filefactory.com/file/5g8a780y6dyp/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/2qqs1q6x2ki3/n/Day 13 Part 2-RE011a\(2\).mp4](http://www.filefactory.com/file/2qqs1q6x2ki3/n/Day_13_Part_2-RE011a(2).mp4)

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

[http://www.filefactory.com/file/psjlfdq0lxp/n/Day 13 Part 2-RE011a\(3\).mp4](http://www.filefactory.com/file/psjlfdq0lxp/n/Day_13_Part_2-RE011a(3).mp4)

Engineering Mechanics.pdf (208.66MB)

[http://www.filefactory.com/file/zn4fjnguz6f/n/Engineering Mechanics.pdf](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/1r5lmzqe335j/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/56zy0qz5gpb3/n/Day_13_Part_3_RE013b+Mgt_107\(2\).mp4](http://www.filefactory.com/file/56zy0qz5gpb3/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/2up4cikcpbql/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 305Professional 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/3g760if7pwsj/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 Efficiciency.pptx (308.2MB)

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

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

[http://www.filefactory.com/file/3fxgoq46slcx/n/Day_16_Part_1-RE007\(1\).mp4](http://www.filefactory.com/file/3fxgoq46slcx/n/Day_16_Part_1-RE007(1).mp4)

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

[http://www.filefactory.com/file/51ifl9kslctt/n/Day_16_Part_1-RE007\(3\).mp4](http://www.filefactory.com/file/51ifl9kslctt/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/5j66rh5k53an/n/Day_16_Part_3-ICT404_\(5\).mp4](http://www.filefactory.com/file/5j66rh5k53an/n/Day_16_Part_3-ICT404_(5).mp4)

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

<http://www.filefactory.com/file/5tfptjxhsted/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/wgupiqwprkf/n/Day_17_Part_1-EE502-RE003_\(2\).mp4](http://www.filefactory.com/file/wgupiqwprkf/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/40fa4aygaqbb/n/Day_17_Part_2-BAE423+512\(3\).mp4](http://www.filefactory.com/file/40fa4aygaqbb/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/flwnomhajn1/n/Day_17_Part_2-BAE423+512\(1\).mp4](http://www.filefactory.com/file/flwnomhajn1/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/2luu57jgs6yd/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/4daoqn413yd/n/Day_18_Part_1-RE014+BAE613\(1\).mp4](http://www.filefactory.com/file/4daoqn413yd/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/23q70z0v9y9/n/Day_19_Part_1-BAE311\(5\).mp4](http://www.filefactory.com/file/23q70z0v9y9/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/144uf0qn4erx/n/Day_19_Part_3-ICT407-Mgt308\(1\).mp4](http://www.filefactory.com/file/144uf0qn4erx/n/Day_19_Part_3-ICT407-Mgt308(1).mp4)

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

[http://www.filefactory.com/file/2vrwhg7bmldr/n/Day_19_Part_3-ICT407-Mgt308\(2\).mp4](http://www.filefactory.com/file/2vrwhg7bmldr/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/1jroigxx8geh/n/Telecommunications_Engineering_-_3rd_Edition.pdf

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

[http://www.filefactory.com/file/39begouod74b/n/Day_20_Part_1-BAE604\(2\).mp4](http://www.filefactory.com/file/39begouod74b/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/6ijeyalfv0qr/n/Day_20_Part_2-BAE614\(3\).mp4](http://www.filefactory.com/file/6ijeyalfv0qr/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/19e41qqadm9l/n/Day_20_Part_2-BAE614\(1\).mp4](http://www.filefactory.com/file/19e41qqadm9l/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/1v4guhhaaj/n/Day_20_Part_3-Mgt301\(2\).mp4](http://www.filefactory.com/file/1v4guhhaaj/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/4c0j61x5zljb/n/Day_20_Part_3-Mgt301\(1\).mp4](http://www.filefactory.com/file/4c0j61x5zljb/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/6t3f8q55x4td/n/Day_21_Part_1-BAE422\(1\).mp4](http://www.filefactory.com/file/6t3f8q55x4td/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/22ijeiztim17/n/Day_21_Part_2-BAE603+ICT105-106_\(2\).mp4](http://www.filefactory.com/file/22ijeiztim17/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/31ohncuh0uqd/n/Day_21_Part_2-BAE603+ICT105-106_\(4\).mp4](http://www.filefactory.com/file/31ohncuh0uqd/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/384pc9gu40c3/n/Day_21Part_3_Mgt302_\(3\).mp4](http://www.filefactory.com/file/384pc9gu40c3/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/42k42gebwvgj/n/Mgt302\(2\).pdf](http://www.filefactory.com/file/42k42gebwvgj/n/Mgt302(2).pdf)

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

[http://www.filefactory.com/file/5i8wynxbwm89/n/Day_21Part_3_Mgt302_\(1\).mp4](http://www.filefactory.com/file/5i8wynxbwm89/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 dhx zjo0x/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/3g13yy1mrdlv/n/Day_22_Part_2-BAE623A\(2\).mp4](http://www.filefactory.com/file/3g13yy1mrdlv/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>

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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/7g5vz747rkl/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/3xqie1zvnwbj/Day%2023%20Part%202-BAE621%284%29.mp4>

Written References

Theory of Structure

<http://www.filefactory.com/file/52fn70u1lkql/Theory%20of%20Structure.pdf>

Day 23 Part 3

Mgt 304 Electronics Commerce

VIDEO FILES

<http://www.filefactory.com/file/1gk3hsv8lxww/Day%2023%20Part%203-Mgt304%281%29.mp4>

<http://www.filefactory.com/file/4b7nm1cg8mir/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>

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Mgt 304

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

<http://www.filefactory.com/file/1k4mbrag12u7/Mgt304%2811%29.pdf>

<http://www.filefactory.com/file/4fsm0sji8me7/Mgt304%2812%29.pdf>

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

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<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>

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<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/59wj17v6mvt/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/6pjnrhh89qv/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>

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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](http://www.filefactory.com/file/2aj8qcsilmu5/Quantitative%20Methods%20for%20Management.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/4cc4c8hefqen/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>

<http://www.filefactory.com/file/38zq1umhggfr/Day%2025%20Part%201-BAE602%283%29.mp4>

<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>

<http://www.filefactory.com/file/ua78at1j75/Day%2025%20Part%201-BAE602%286%29.mp4>

<http://www.filefactory.com/file/3uqchuhve8xz/Day%2025%20Part%201-BAE602%287%29.mp4>

<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>

<http://www.filefactory.com/file/3ynug35fz03j/Day%2025%20Part%202-BAE424%283%29.mp4>

Written References

Reinforced Concrete Analysis & Design

<http://www.filefactory.com/file/71ihwm82o84n/Reinforced%20concrete%20analysis%20and%20design.pdf>

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/2gf1hyvyj6q5/Day%2025%20Part%203-Mgt306%283%29.mp4>

<http://www.filefactory.com/file/vdolhxu9eoz/Day%2025%20Part%203-Mgt306%284%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>

<http://www.filefactory.com/file/5om66qnbaur/Mgt305%283%29.pdf>

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<http://www.filefactory.com/file/6kazz4scrkbn/Mgt305%286%29.pdf>

<http://www.filefactory.com/file/3qc2uibf1kvr/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/4c6di9ozgidn/Day%2026%20Part%201-BAE501%281%29.mp4>

<http://www.filefactory.com/file/5xz6odozqhnhf/Day%2026%20Part%201-BAE501%282%29.mp4>

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Power System Technology

<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>

Lectures

<http://www.filefactory.com/file/28x7lg9punh/lecture1.pdf>

http://www.filefactory.com/file/70rmzco26rf9/Lecture_2.pdf

http://www.filefactory.com/file/7g34mf8p6d5r/Lecture_3.pdf

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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Protection

<http://www.filefactory.com/file/22au1qy05h95/Protection.pdf>

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/76und2q16g0b/Day%2026%20Part%202-BAE506%286%29.mp4>

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<http://www.filefactory.com/file/3igeiy4ciamf/Mgt%20307.doc>

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>

<http://www.filefactory.com/file/5kyvtm4a1xhf/Day%2027%20Part%201-BAE%20407%283%29.mp4>

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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<http://www.filefactory.com/file/8zp5b1mx4rz/lecture2.pdf>

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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>

<http://www.filefactory.com/file/3uncdrhhrlvf/lecture5.pdf>

<http://www.filefactory.com/file/6aqkruw5f0md/lecture6.pdf>

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/1qggql2l9k2b1/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/62w1j2t15nkx/lecture18.pdf>

<http://www.filefactory.com/file/5pgry0tjvbmh/lecture19.pdf>

<http://www.filefactory.com/file/3ofoxxsqrxmn/lecture20.pdf>

<http://www.filefactory.com/file/1heyyoqr4dc5/lecture21.pdf>

<http://www.filefactory.com/file/t34ut8b25h3/lecture22.pdf>

<http://www.filefactory.com/file/z3k1mfwrz33/lecture23%5B1%5D.pdf>

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>

<http://www.filefactory.com/file/3o2iag2wom0d/Day%2030-BAE502%282%29.mp4>

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EE601 Feedback & Control System

<http://www.filefactory.com/file/5fa87a0txm93/EE%20601%20Feedback%20and%20Control%20System.pdf>

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

<http://www.filefactory.com/file/46gt40siev pz/P9060001.mp4>

<http://www.filefactory.com/file/66e4oxpdtav/P9060002.mp4>

<http://www.filefactory.com/file/29qvaaluffl1/P9060003.mp4>

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Chapter 5

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Chapter 5-1

<http://www.filefactory.com/file/3hdlw fq9m27t/CHAP5%5B1%5D.pdf>

Chapter 3

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ECE5014 Microwave

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Lecture 6

<http://www.filefactory.com/file/2u5y136j0uh9/Lecture6.ppt>

Lesson 7 Propagation

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