

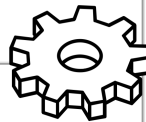
Chapter 1 The electric circuit	UEENEE001B Apply OHS practices in the workplace UEENEE003B Solve problems in extra-low voltage single path circuits	2.8.1.1 Basic electrical principles 2.8.1.2 Fundamental electrical principles 2.8.1.3 Electrotechnical principles 2.8.8 Electrotechnology science and materials
Chapter 2 Voltage sources and effects of an electric current	UEENEE003B Solve problems in extra-low voltage single path circuits	2.8.1.1 Basic electrical principles 2.8.1.2 Fundamental electrical principles 2.8.1.3 Electrotechnical principles 2.8.8 Electrotechnology science and materials
Chapter 3 Ohm's law	UEENEE003B Solve problems in extra-low voltage single path circuits	2.8.1.1 Basic electrical principles 2.8.1.2 Fundamental electrical principles 2.8.1.3 Electrotechnical principles 2.8.2.1 Direct current circuit principles 2.8.10.1 Engineering maths fundamentals
Chapter 4 Electrical power	UEENEE003B Solve problems in extra-low voltage single path circuits	2.8.1.2 Fundamental electrical principles 2.8.1.3 Electrotechnical principles 2.8.2.1 Direct current circuit principles 2.8.10.1 Engineering maths fundamentals
Chapter 5 Resistance and resistors	UEENEE003B Solve problems in extra-low voltage single path circuits	2.8.1.2 Fundamental electrical principles 2.8.1.3 Electrotechnical principles 2.8.1.4 Circuits principles 2.8.2.1 Direct current circuit principles 2.8.10.1 Engineering maths fundamentals
Chapter 6 The series circuit	UEENEE003B Solve problems in extra-low voltage single path circuits	2.8.1.2 Fundamental electrical principles 2.8.1.3 Electrotechnical principles 2.8.1.4 Circuits principles 2.8.2.1 Direct current circuit principles
Chapter 7 The parallel circuit	UEENEE003B Solve problems in extra-low voltage single path circuits UEENEE004B Solve problems in multiple path DC Circuits	2.8.1.2 Fundamental electrical principles 2.8.1.3 Electrotechnical principles 2.8.1.4 Circuits principles 2.8.2.1 Direct current circuit principles
Chapter 8 The series-parallel circuit	UEENEE003B Solve problems in extra-low voltage single path circuits UEENEE004B Solve problems in multiple path DC Circuits	2.8.1.2 Fundamental electrical principles 2.8.1.3 Electrotechnical principles 2.8.1.4 Circuits principles 2.8.2.1 Direct current circuit principles
Chapter 9 Basic meters	UEENEE003B Solve problems in extra-low voltage single path circuits UEENEE004B Solve problems in multiple path DC Circuits	2.8.1.2 Fundamental electrical principles 2.8.1.3 Electrotechnical principles 2.8.1.4 Circuits principles 2.8.2.1 Direct current circuit principles
Chapter 10 Capacitance	UEENEE003B Solve problems in extra-low voltage single path circuits	2.8.1.2 Fundamental electrical principles 2.8.1.3 Electrotechnical principles 2.8.1.4 Circuits principles 2.8.2.1 Direct current circuit principles



This stuff you must have done before you can attempt AC circuits.

Inductance principles only from Chapters 11 and 12

Chapter 11 Magnetism and electromagnets	UEENEE001B Solve problems in electromagnetic circuits	2.8.5 Magnetism 2.8.6 Electromagnetic principles
Chapter 12 Electromagnetic induction	UEENEE001B Solve problems in electromagnetic circuits	2.8.5 Magnetism 2.8.6 Electromagnetic principles



Chapters from the Phillips Book 2nd edition.

Chapter 15 AC fundamentals	UEENEE002B Solve problems in single and three phase low voltage circuits	2.8.1.4 Circuits principles 2.8.2.2 Alternating current principles – power 2.8.10.1 Engineering maths fundamentals
Chapter 16 Pure R, L or C in an AC circuits	UEENEE002B Solve problems in single and three phase low voltage circuits	2.8.1.4 Circuits principles 2.8.2.2 Alternating current principles – power 2.8.10.1 Engineering maths fundamentals
Chapter 17 Series combinations of R, L and C	UEENEE002B Solve problems in single and three phase low voltage circuits	2.8.1.4 Circuits principles 2.8.2.2 Alternating current principles – power 2.8.10.1 Engineering maths fundamentals
Chapter 18 Parallel AC circuits	UEENEE002B Solve problems in single and three phase low voltage circuits	2.8.1.4 Circuits principles 2.8.2.2 Alternating current principles – power
Chapter 21 Transformers	UEENEE002B Solve problems in single and three phase low voltage circuits UEENEE004B Install low voltage electrical apparatus and associated equipment	2.6.8.2 Single & three-phase transformers