

VU22670 Provide an overview of the electrotechnology industry

Element/Performance criteria	Test bank	Quiz	Case	Worksheets	Interactives	Animations	YouTube playlist
1. Define the scope of the electrotechnology industry							
1.1 Information sources on the electrotechnology industry are identified and utilised		8		1	1, 2, 3		1, 2
1.2 Major streams/sectors of the electrotechnology industry are identified and their focus is explained	2, 4, 6, 7, 8, 10, 11, 12	4, 5		2	1, 2, 3		1, 2
1.3 Services and/or products of each major stream/sector are defined	2, 4, 6, 7, 8, 10, 12	4, 5		3	1, 2, 3		1, 2
1.4 Applications of advanced technology in one or more of the streams/sectors is identified and the principles are explained				3			
2. Identify occupations/job roles of technical staff in the various industry streams/sectors							
2.1 Roles and responsibilities of technical staff employed in each major stream/sector are identified and explained	3, 4, 10, 12	1, 2, 3, 4, 5, 6, 7		4			1, 2, 5, 7
2.2 Qualifications for entry into the various occupations and roles and their link to the Australian Qualifications Framework (AQF) are identified				4			2, 5
2.3 The focus of vocational education and training (VET) is clarified and different providers that offer VET qualifications are identified				4			5
3. Define the role and training pathway for an electrotechnology tradesperson							
3.1 Industry streams/sectors which employ electrotechnology tradespersons and their key tasks and responsibilities are identified	2, 4, 6, 7, 8, 10, 11, 12	4, 5		5			5
3.2 Training pathway to become an electrotechnology tradesperson is outlined	2, 6, 7, 8	9		5			5
3.3 The purpose and requirements of licensing for tradespersons and apprentice supervision guidelines are clarified		1, 2, 3, 9		6			5
3.4 Further training options for electrotechnology tradespersons are identified	4, 9, 10, 12	4, 5		7			5
3.5 Industry award classifications for an electrotechnology tradespersons are explained				8			
3.6 Electrotechnology industry organisations which represent the electrical industry workers are identified and their role explained	2, 6, 7, 8			8			
4. Make an application for an apprenticeship in the electrotechnology industry							
4.1 The type of apprenticeship and the relevant electrotechnology industries which engage this type of apprenticeship are researched							3
4.2 Prospective enterprises/companies/businesses are identified and contact details are confirmed							
4.3 A personal resume with a covering letter is prepared and emailed/posted/delivered to the prospective employers	5	10	1				
5. Undergo face to face interview for an apprenticeship position							
5.1 Preparation for the interview is planned and carried out			2	9, 10			3, 4, 6
5.2 Date, time and location of the interview are confirmed				9, 10			6
5.3 Personal presentation requirements for the interview are addressed	1			9, 10			6
5.4 Face to face interview is accomplished			4, 5	11			6
5.5 Interview process is reviewed and areas for improvements are identified			3	11			6
Required Skills							
Locate and interpret information on the scope and coverage of the electrotechnology industry				1	1, 2, 3		
Recognise the application of advanced technologies in the electrotechnology industry				3			

Define the streams/sectors of electrotechnology industry including the services/products offered and the employment opportunities in each sector				2, 5			
Recognise the qualification levels in the AQF including those generally offered by VET providers and those generally offered by universities				4			
Map out a typical training pathway for person preparing to be an electrotechnology tradesperson				5			
Prepare a personal resume for employment in the electrotechnology industry			1				
Participate in a face to face job interview			4, 5				6
Required Knowledge							
Information gathering techniques		8					
Diversity of the electrotechnology industry	4, 10, 11, 12	4, 5			1, 2, 3		
Range of employment opportunities within the electrotechnology industry	4, 9, 10, 11, 12	4, 5					
Training pathway for the electrotechnology industry	9	4, 9		5, 7			6
Training focus of vocational education and training (VET) providers				7			
Apprentice supervision guidelines	3	6, 7					
Electrical licensing (i.e. Energy Safe Victoria - ESV)		1, 2, 3, 9		6			
Refrigerant licensing (i.e. Australian Refrigeration Council - ARC)	2, 8						
Communication and media cabler register (i.e. Australian Communications and Media Authority - ACMA)	6, 7						
Job application and interviewing techniques	1, 5	10	3				6