©2025 TVET CDACC

021306T4IOR

INDUSTRIAL AUTOMATION AND ROBOTICS LEVEL 6

ENG/OS/IA/CR/03/6

Develop and Maintain Data Communications Systems

July/August 2025

TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION COUNCIL (TVET CDACC)

CUTTING LIST

easytvet.com

S/NO	ITEMS	QUANTITY (per candidate)	PROVIDED BY
1.	Computer installed with relevant software(s)	1pc	Institution
2.	P.L.C	1pc	
3.	Programming cable	1pc	
4.	MCB	1pc	
5.	24 volts industrial Power supply	1pc	
6.	Terminal blocks	10pcs	
7.	DIN rail (MCB Type)	1pc	
8.	Conveyor belt	1pc	
9.	24 volts d.c Motor	1pc	
10.	24 volts Relay module with base	1pc	
11.	24 volts Inductive sensor	1pc	

12.	Start push button (motor control type)	1pc	
13.	Stop pushbutton (motor control type)	1pc	
14.	Collection bin	1pc	
15.	Multimeter	1pc	
16.	1.0mm^2 automotive type connecting wires (red, black, blue)	1m each	
17.	2.5mm^2 twin with earth sheathed cable	1.5m each	
18.	Electronics toolkit	1set	
19.	Side cutter	1pc	
20.	Zip ties (8 inches)	enough	
21.	Safety boots	1pair	Candidate
22.	Overall/dust coat	1pair	

easytvet.com