Electronics and Telecommunications Engineering

Assessment Fact Sheet

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Overview	Multi-choice test that measures the candidate's knowledge and understanding on semiconductors and semiconductor devices, analog and digital electronics, communication, electromagnetism and microwave engineering.	
	Relevant Job Roles	Telecommunications Engineering Specialist, Telecommunications Line Installers and Repairer, Telecommunications Equipment Installers and Repairer, Radio Equipment Installers and Repairer
Details	**Language**	English (US)
	Average Testing Time (minutes)	15 minutes
	Allowed Time (minutes)	20 minutes
	Maximum Number of Questions	18 questions
	Number of Sittings	One
	Test Type	Multiple Choice - CTT
	Sector	Engineering
	Scores Reported	• Overall Score • Semiconductors and Semiconductor Devices • Analog and Digital Electronics • Communication • Electromagnetism • Microwave Engineering
	O*NET Competency	Engineering and Technology
Knowledge, Skills, Abilities And Competencies Measured	The following areas are covered: • Semiconductors • Two-terminal and three-terminal devices • Circuit analysis • Boolean algebra and logic families • Combinational and sequential circuits • Basics of VLSI • Oscillators and Op-amps • Filters • Analog and digital communication • Optics • Electromagnetic theory • Electrostatics • Magnetostatics • Antennas and wave propagation • Microwave technology • Radars	