

TRAINING SCHEDULE

JUL 2018 - SEP 2018

WWW.PERPETUAL.EDU.AU
1800 256 838

Courses are subject to minimum booking levels being achieved	JULY				AUGUST				SEPTEMBER			
	VIC	NSW	QLD	WA	VIC	NSW	QLD	WA	VIC	NSW	QLD	WA
PLI -16-445 nbn™ Fibre Splicer 5 days		2 - 6		16 - 20	20 - 24				17 - 21		10 - 14	
PLI -16-510 nbn™ Copper Cable Jointer 9 days		16 - 6			6 - 16							
PLI -17-850 nbn™ Fibre Tester 5 days		9 - 13		23 - 27	13 - 17				24 - 28		17 - 21	
PLI -18-880 nbn™ Cable Jointer Copper for FTTC 6.5 days									24/8 - 3/9		3 - 11	
PLI -16-655 Open Cable Reg. Licence (+2 prerequisite UOC's) 6 days		3 - 10			20 - 27		7 - 14					
PLI -16-656 Optical Fibre Cabling Endorsement 2 days		11 - 12		28 - 29	28 - 29		16 - 17					
PLI -16-657 Coaxial Cabling Endorsement 0.5 days (1-4pm)		18			30		22					
PLI -16-658 Structured Cabling Endorsement (Category 5 & above) 1.5 days (Finishes 12pm Day 2)		17 - 18			30 - 31		21 - 22					
PLI -06-020 Fibre Optic Splicing and Joint Enclosure 5 days		9 - 13		23 - 27	6 - 10		20 - 24					
PLI -05-001 Fibre Optic Test Commissioning and Reporting 3 days		17 - 19		31/7 - 2/8	13 - 15		28 - 30					
PLI -11-180A Advanced Optical Commissioning and Reporting 1 day		20			16		31					
PLI -13-300 Ethernet Networking and TCP/IP 4 days		23 - 26		3-6	28 - 31		14 - 17					

* Training courses are run on weekdays only

^ Courses are Nationally Recognised Training (RTO) compliant

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PLI-16-445 - nbn™ Fibre Splicer

This course provides attendees with the accreditation, competencies and skills to safely work on splice enclosures used in the nbn™ network, in accordance with industry standards. Attendees are provided with the skills required to confidently install high fibre count splice enclosures, splicing of ribbon and repair network outages in the nbn™ network. All technical knowledge is aligned directly to nbn's™ DFN and LFN architectures. This course will also equip individuals with the ability to execute quality inspection in accordance with nbn™ live fibre commissioning and reporting standards. Each attendee will be provided with the required knowledge needed to test and commission optical networks in accordance with current industry practices and reporting standards.



PLI-16-510 - nbn™ Copper Cable Jointer

This course provides attendees with the accreditation, competencies and skills to confidently construct the copper network attributes for nbn™ FTTN architecture. This course is designed for individuals with moderate experience and ensures that learning outcomes can be applied immediately to field activities using our advanced real world hands-on learning environments.



PLI-17-850 - nbn™ Fibre Tester

This course provides attendees with the accreditation, competencies and skills to confidently test and fault find nbn's™ fibre optic network across the 3 different architectures. TFN, DFN and LFN / MTLFN. This course is designed for individuals with minimal experience and ensures that learning outcomes can be applied immediately to field activities using our advanced real world hands-on learning environments.



PLI-18-880 - nbn™ Cable JointerCopper for FTTC

This course is designed for individuals with moderate experience and ensures that learning outcomes can be applied immediately to field activities using our advanced real-world, hands-on learning environments. On completion, learners will have the confidence to build common network infrastructure including connecting the node to the Telstra™ copper network under all scenarios including a variety of node types and pillar integration techniques. In addition this course will ensure learners can confidently complete pillar compressions, active cable cut overs as well as testing requirements for service activation.



PLI-16-655 - 6 days Open Cable Registration Licence (+2 prerequisite UOC's)

This course is designed for individuals looking to start a career within the Telecommunications industry (customer premise or cable network). Attendees will be exposed to a range of modules relating to customer premises telephony cabling including Telecommunications, Security Systems, and Fire Protection. On completion, learners will be issued with a Statement of Attainment. To become an ACMA accredited cabling registrar, this certificate must be submitted in conjunction with completing 360 hours of supervised practical cabling fieldwork to obtain an Open Registration licence.

PLI-16-656 - 2 days Optical Fibre Cabling Endorsement

This course is designed for individuals to understand the required knowledge and skills to be able to successfully install optical fibre cabling. Attendees will learn to recognise the various types of fibre optic cables, understand the propagation of light through the fibre and effectively decipher the different connection and splicing applications of optical fibre and where they are used. On completion, participants will be eligible to apply for the Optical Fibre Internal Cabling Endorsement (working with optical fibre on domestic / commercial premises) on the Open Registration licence.

PLI-16-657 - 1.5 days Optical Fibre Cabling Endorsement

This course is designed for individuals to understand the required knowledge and skills to be able to successfully cable integrated voice and data systems to meet Australian Standards (AS / NZS 3080:2013) Information Technology: Generic cabling for customer premises to meet client communication requirements in a commercial environment.

On completion, participants will be eligible to apply for the Structured Cabling Endorsement (working with CAT 5+ on domestic / commercial premises) on the Open Registration licence. Participants planning to attend this course are encouraged to have already successfully completed the OPen Registration licence.

PLI-16-658 - 0.5 days Structured Cabling Endorsement (Category 5 & above)

This course is designed for individuals to understand the required knowledge and skills to be able to successfully install, terminate and test coaxial cabling on customer premises. Attendees will also learn about communication applications, telephony, data and video, media, digital and analogue, digital broadcasting, computer networks, local area networks (LAN) and wide area networks (WAN). On completion, participants will be eligible to apply for the Coaxial Cabling Endorsement (working with Coaxial Cabling on domestic / commercial premises) on the Open Registration licence. Participants planning to attend the course are encouraged to have already successfully completed the Open Registration licence.

PLI-06-020 - 5 days Fibre Optic Splicing & Joint Enclosure

Designed for all skill levels, this course provides each attendee with an opportunity to secure the skills required to confidently install fibre optic joint enclosures used within a carrier network and splice fibre optic cores.

Each attendee will construct a minimum of six carrier certified high fibre count joint enclosures. These are chosen to incorporate all the disciplines needed to confidently assemble most joint enclosures available and splice fibre optic cores without causing fault conditions.



APPROVED



PLI-05-001 - 3 days Fibre Optic Test, Commissioning & Reporting

Designed for all skill levels, this course provides all the information required to confidently assess the quality of an optical fibre transmission link.

This course will provide the skills required for commissioning and fault finding optical fibre links using a variety of commonly used tooling including tri-band OTDR testing.

Attendees will also learn techniques to develop carrier grade approved commissioning reporting for nbn™ or Telstra™.



APPROVED



PLI-11-180A - 1 day Advanced Optical Commissioning & Reporting

Designed for all skill levels, all through an understanding of OTDR principles is highly recommended. This course is designed to provide attendees with the required skills to confidently provide an accurate OTDR analysis report with repeatable results. This 1 day course focuses on an understanding of OTDR trace elements, trace analysis, report generation and automation. With extensive hands on exercises, this course will develop the practical skills required to efficiently generate an optical fibre workbook using reporting automation.

PLI-13-300 - 4 days Ethernet Networking and TCP/IP

This course is designed to provide individuals with the knowledge of Ethernet and TCP/IP and associated communications standards and architectures. It focuses on guiding attendees on basic ethernet through the OSI layers, IP subnetting and different networking technologies that will help the individual build from a simple topology to a more complex one. This course introduces attendees to the most common network elements, how they operate and are used in a data communications network. Knowledge is further developed to include security, VLAN, ACL, QoS and common routing protocols. Attendees are also exposed to network testing and fault finding principles used for modern priority based networks.