JOINTING & TESTING
COMPETENCY PROGRAMME

22-24 November 2021 (3 Days) | **Level 6 Classroom**, UNIMY

RM 1600 (Minimum 20 pax)

Facilitator:
Assoc Prof Ir.
Ahmad Jais bin Alias

SYNOPSIS

Jointing & Testing Competency programme is a structured 3-day training programme that consists of in-class lectures and hands-on activities. At the end of the training programme participants will gain an understanding of the principles in optical fiber communication system.

Competency assessment shall also be conducted during hands-on session to verify the skills and ability of participants in handling optical equipment and performing tests and measurements.

DAY 1
- Introduction to Fiber Optic Technology

DAY 2
- Hands-on A1: Fiber Splicing
- Hands-on A2: Loss test (OTDR & OLTS)
- Hands-on B: Fiber Optic Cable link termination

DAY 3
- Hands-on C: Fiber Optic Cable Link testing

COURSE OBJECTIVES

- To understand the basic and principle of optical fiber communication system
- To have the ability to perform loss test using Optical Time Domain Reflectometer (OTDR), Optical Light Source (OLS) and Optical Power Meter (OPM) measurement
- To perform jointing and termination
- To conduct optical fiber cable termination to underground enclosure and termination box

UPON COMPLETION

- Gain an understanding of the basic and principles of optical fiber communication system
- Have skills and abilities to perform loss test using Optical Time Domain Reflectometer (OTDR), Optical Light Source (OLS) and Optical Power Meter (OPM) measurement
- Have skills and abilities to perform jointing and termination
- Have skills and abilities to perform optical fiber cable termination to underground enclosure and termination box

Certification awarded by:

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