

CERTIFIED FIBER OPTICS TECHNOLOGISTS (CFOT)

DATE: 22 - 26 NOVEMBER 2021 (5 Days)
MODE OF DELIVERY : FACE TO FACE
VENUE: LEVEL 6 CLASSROOM, UNIMY



TRAINER:
Assoc Prof Ir Ahmad Jais bin Alias
UNIMY, Lecturer

SYNOPSIS:

Certified Fiber Optic Technologist is a structured 5 days training programme that consists of in-class lectures and hands-on activities. At the end of the training programme the participants will sit for CFOT examination and certificate will be given upon passing the exam. Examination is based on the book FOA Reference Guide to Fiber Optic by Jim Hayes. Competency assessment shall also be carried out during hands-on session to verify the skills and ability of participants in handling optical equipment and performing test and measurement

COURSE OBJECTIVE:

1. To provide understanding of optical fiber communication technology and principles.
2. To provide knowledge on requirements and specifications of fiber optics cables and networks.
3. To provide hands-on experience in performing fiber termination process.
4. To acquire hands-on familiarization in conducting fiber splicing, OTDR measurement and characterization of optical fiber components.
5. To achieve required knowledge and skills performance set by the FOA and to obtain CFOT certificate as a proof of professionalism

LEARNING OUTCOMES:

Upon completion of the course, participants shall able to:

1. Have good understanding of the basics and principles of optical fiber communication system
2. Have good understanding of fiber cable specifications, properties and applications
3. Have skills and abilities to perform Optical Time Domain Reflectometer (OTDR) measurement
4. Have skills and abilities to perform optical fiber coupler characterization
5. Have skills and abilities to perform optical fiber cable termination to underground enclosure and termination box

MODULE :

1. Fiber Optic Communication Technology
2. Fiber Optics Cable & Connectors
3. Fiber Optics Measurement & Test Gears
4. Optical Fiber Installation
5. Hands On A1-Fiber Splicing
6. Hands On A2- Optical Time Domain Reflectometer(OTDR)
7. Hands On A3-Component Characterization
8. Hands On B-Cable Termination
9. Hands On C- Fiber Optic Cable Link Testing
10. FOA's CFOT Examination

COURSE SCHEDULE:

DAY 1

- Course Introduction
- Lecture 1
- Lecture 2

DAY 2

- Lecture 3
- Hands on A1
- Hands on A2
- Hands on A3

DAY 3

- Lecture 4
- Hands on B

DAY 4

- Hands on C
- Revision

DAY 5

- Exam CFOT
- End of Program

FEES
RM3600
Minimum 20pax

CERTIFICATION



HRDF CLAIMABLE

Check with your HR department today to determine your eligibility to attend this Certification & be reimbursed by HRDF!



Malaysia's Premier Digital Technology University | Creating A Digital Nation

REGISTER NOW!

FATIN LIYANA
03 8689 7594
fatin.ramli@unimy.edu.my



#CreatingADigitalNation

University Malaysia of Computer Science & Engineering (UNIMY), Blok 12, Star Central, Lingkaran Cyber Point Timur, 63000 Cyberjaya, Selangor.