



Certified Fiber Optic Specialist Design (CFOS/D®)

Course content

| Day | Start | Duration | End | Training modules |
|---------------------|-------|----------|-------|---|
| 1 st day | 09:00 | 90' | 10:30 | Introduction in Fiber Optics Design |
| 1 st day | 10:30 | 15' | 10:45 | Coffee break |
| 1 st day | 10:45 | 90' | 12:15 | Glossary of Fiber Optic Network Terms |
| 1 st day | 12:15 | 15' | 12:30 | Coffee break |
| 1 st day | 12:30 | 45' | 13:15 | FO measurements / understanding |
| 1 st day | 13:15 | 30' | 13:45 | Lunch break |
| 1 st day | 13:45 | 90' | 15:15 | Fiber Optics Features |
| 1 st day | 15:15 | 15' | 15:30 | Coffee break |
| 1 st day | 15:30 | 90' | 17:00 | ODF Terminations and Connectors |
| 2 nd day | 09:00 | 90' | 10:30 | Cable Laying and Installation |
| 2 nd day | 10:30 | 15' | 10:45 | Coffee break |
| 2 nd day | 10:45 | 90' | 12:15 | Choosing Components |
| 2 nd day | 12:15 | 15' | 12:30 | Coffee break |
| 2 nd day | 12:30 | 45' | 13:15 | Planning a Fiber Optic Network |
| 2 nd day | 13:15 | 30' | 13:45 | Lunch break |
| 2 nd day | 13:45 | 90' | 15:15 | Design scenario: Network Topologies (P2P/P2MP) Calculations |
| 2 nd day | 15:15 | 15' | 15:30 | Coffee break |
| 2 nd day | 15:30 | 90' | 17:00 | Testing and Documentation |
| 3 rd day | 09:00 | 90' | 10:30 | Writing a Project Specification |
| 3 rd day | 10:30 | 15' | 10:45 | Coffee break |
| 3 rd day | 10:45 | 90' | 12:15 | Single/Dual Homed and Multi-Homed Designs |
| 3 rd day | 12:15 | 15' | 12:30 | Coffee break |
| 3 rd day | 12:30 | 90' | 14:00 | Fiber Optics Network Architectures – WDM Technique |
| 3 rd day | 14:00 | 30' | 14:30 | Lunch break |
| 3 rd day | 14:30 | 90' | 16:00 | Workshop: Troubleshooting Common Issues in Fiber Optic Networks |
| 3 rd day | 16:00 | 60' | 17:00 | CFOSD® - Certified Fiber Optic Specialist Design Exams |