



FIBRE OPTIC INSTALLATION

BTEC
ADVANCED AWARD

Learn how to plan and design optical fibre solutions and the practical skills to repair, terminate, test and troubleshoot fibre optics.

COURSE CONTENT

- ▶ Fundamental theory of optical fibre
- ▶ Design fibre solutions using single-mode and multi-mode
- ▶ Understand termination methods including crimp and cleave
- ▶ Recognise types of dispersion
- ▶ Learn to repair broken and damaged fibre
- ▶ Learn to design and plan an optical fibre solution
- ▶ Installing and setting up optical fibre transmitters and receivers
- ▶ Measuring and calculating losses
- ▶ Effective testing methods
- ▶ Installing optical fibre transmitters and receivers
- ▶ Identify connector types such as LC, ST, FC, MTRJ and SC
- ▶ Health and safety handling and correct disposal of fibre

“*The training centre was excellent. The tutor was experienced and very helpful.*”
HM PRISON SERVICE DELEGATE

COURSE COST, DURATION AND AWARD



BTEC Level 3
Principles and Practices of
Optical Fibre Transmission



2 Days



£525^{+VAT}