

BROADBAND FIBER DIGITAL INSTALLER

PROGRAM DESCRIPTION

The Broadband Fiber Digital Installer Program is a specialized training course designed to equip students with practical skills and knowledge in broadband fiber technology. The program, encompassing 109 instructional hours, includes modules on installing fiber optic services, fiber optic system operations, installing fiber components, and installing OSP technologies.

Key aspects of the course include comprehensive training in fiber optic applications, communications systems utilizing fiber optics, and the specific components used in fiber optic networks. Practical skills in the installation of fiber optic cables, both in premises and outside plant environments, are emphasized. The program also focuses on critical techniques in splicing, termination, and testing of fiber optic components and cable plants.

A significant portion of the training involves hands-on lab exercises, where students gain experience using VIAVI fiber testing equipment and Sumitomo fusion splicers. This practical approach ensures that students are well-prepared for real-world scenarios in fiber optic technology.

Upon completion, participants are provided exam vouchers for certifications from VIAVI, Sumitomo, and the Fiber Broadband Association's OpTIC Path Certification, reflecting their skills and knowledge in the field. This program is tailored for individuals aiming to develop a career in fiber optics and digital service installations, providing them with the necessary tools and certifications to excel in the industry.

PROGRAM OBJECTIVE

The program objectives center around career readiness for individuals interested in joining the telecommunications industry as a fiber optic technician or other outside plant related job position. Students are prepped through hands on practical and labs and provided certification exam vouchers to take certification exams through VIAVI, Sumitomo, and the Fiber Broadband Association's OpTIC Path certification.

PROGRAM BREAKDOWN

Course Code	Course Title	Clock Hours
17BB – 01F	Installing Fiber Optic Services	16
17BB – 03F	Fiber Optic System Operations	14
17BB – 04F	Installing Fiber Optic Components	12
17BB – 11F	Installing OSP Technologies	14
19BF – 12	Overview of Fiber Optic Applications and Installations	05
19BF – 13	Communications Systems Utilizing Fiber Optics	08
19BF – 14	Fiber Optic Components Appropriate for Fiber Optic Networks	08
19BF – 15	Installation Of Premises and Outside Plant Fiber Optic Cable	08
19BF – 16	Splicing And Termination	08
19BF – 17	Testing Fiber Optic Components and Cable Plants	08
19BF – 18	Hands-On Lab Exercises Including Hands-On Splicing, Termination and Testing	08
TOTAL:		109