

ADVANCED FIBER OPTICS TESTING (FOC)

Course Description –

This class teaches the student proficiency in the use of the Optical Time Domain Reflectometer (OTDR) for testing and troubleshooting fiber optic systems.

A short review of theory and safety is followed by discussion of why, when and how to test fiber cables. The proper set-up including setting the range, pulse-width, wavelength, etc. is extensively practiced on a fiber optic system in the classroom. Proper documentation is emphasized.

They use power meters, launch kits, bare fiber adapters, visible fault finders, etc. to do all types of. As part of the final exam, they test fibers that the Splicing class, usually run concurrently, did during their class. Advanced Fiber Optics Splicing is a prerequisite.