

## CONSULTANTS TO THE ELECTRONICS INDUSTRY

- MANUFACTURING START-UP
- PROCESS EVALUATION
- SUBCONTRACTOR QUALIFICATION
- EQUIPMENT EVALUATION
- LEAD-FREE, ESD, PROCESS AND QUALITY AUDITS

## THE LEADER IN HI-TECH TRAINING

- EXPERT TRAINING IN THE LATEST TECHNOLOGIES
- INDUSTRY-DEMANDED CERTIFICATIONS



## PCB TECHNOLOGY

- **QUALITY & INSPECTION**  
IPC-A-610 INSTRUCTOR & OPERATOR CERTIFICATION
- **SOLDERING & ASSEMBLY**  
IPC J-STD-001 INSTRUCTOR & OPERATOR CERTIFICATION
- **BARE BOARD INSPECTION**  
IPC-A-600 INSTRUCTOR & OPERATOR CERTIFICATION
- **REWORK & REPAIR**  
IPC-7711 INSTRUCTOR & OPERATOR CERTIFICATION  
IPC-7721 INSTRUCTOR & OPERATOR CERTIFICATION
- **HAND SOLDERING SKILLS**  
SOLDERING BASICS, THROUGH-HOLE & SURFACE MOUNT TRAINING



## CABLE & WIRE HARNESS TECHNOLOGY

- **QUALITY & INSPECTION**  
IPC-A-620 INSTRUCTOR & OPERATOR CERTIFICATION
- **HANDS-ON LABS**  
SOLDERING, CRIMPING & HARNESS ASSEMBLY TRAINING



## FIBER OPTICS TECHNOLOGY

- **INSTALLER & TECHNICIAN CERTIFICATION**
- **FUNDAMENTALS**
- **TERMINATIONS & CLEANING**

## FIBER OPTIC FUNDAMENTALS CERTIFICATION

4-Hour Fiber Optic Fundamentals Training & Certification Program

### COURSE DESCRIPTION

Fiber Optic Fundamentals is a 4-hour lecture course designed for all levels of personnel working within OEM and contract manufacturing that require a basic understanding of fiber optic technology and its associated terminology. Fiber Optic Fundamentals is an introductory lecture that will prepare students for higher skill level courses.

### WHO SHOULD BECOME CERTIFIED

Anyone who would be involved with designing, configuring, installing, testing or maintaining fiber optic systems; technicians, system analysts, design engineers, managers, telecommunications professionals, end users, splicers, etc.

### WHAT STUDENTS RECEIVE

Students who successfully complete the certification requirements receive an EPTAC Certificate of Training.

### PREREQUISITES

An understanding of the English language, both oral and written is all that is required to benefit from Fiber Optic Fundamentals Certification Program. ESL Students are encouraged to inquire.

### CLASS SIZE

Maximum number of students is limited to fifteen (15) in order to provide greater instructor interaction. Call early to reserve your space.

### COURSE OUTLINE

- The history of fiber optics
- Fiber optic applications
- Fiber optic systems and components
- Fiber optic theory
- Fiber structure
- Power level readings and the dB scale
- Fiber optic connectors
- Connector end face quality

**MATERIALS** For each class, all the necessary tools and materials will be supplied. Students are welcome to bring their own documents if they wish.

**LOCATION** Classes are held at EPTAC's Corporate Training Center located just 35 miles from Boston and at locations throughout the US and Canada.

**ON-SITE TRAINING** Please call a training consultant and ask about customized course content, on-site training and training around your production schedules.

**REGISTRATION** For up to date pricing and more information on any of the EPTAC programs, or to enroll, please call us toll free or visit [eptac.com](http://eptac.com).

**TOLL FREE: 1-800-64-EPTAC**

**FAX: 603-296-2377**

**E-MAIL: REGISTER@EPTAC.COM**

**WEB: EPTAC.COM**