

## Headliner – Electrical Troubleshooting

**Duration:** 25 hours (approx.)

**Location:** Online Course (Internet)

**Target:** Pressroom electrical maintenance personnel/maintenance supervisors.

**Aim:** The participants will receive information on system theory/features, unit electronics and controls, drive system interface, and troubleshooting.

### Course Topics:

- **Introduction:** Overview of training course and training methods.
- **Safety:** Pressroom safety, OSHA lockout/tag out regulations and general safety guidelines.
- **Unit Controls:** Overview of the unit control system including Headliner Unit terminology, design features, basic system components, unit communication protocols, unit panel, and unit receiver chassis.
- **Folder Console Controls:** Overview of the folder control system including folder terminology, design features, basic system components, communication protocols, folder receiver, and folder controller chassis functions.
- **Electrical Drawing Review:** Review of all Headliner electrical elementary drawings. Discussions will include drawing nomenclature, navigation techniques, I/O logic, power distribution, inking system, dampening system, registration, web breaks, and stop/safe circuits. Each student receives a complete set of site-specific elementary drawings.
- **Unit/Folder Diagnostics:** Participants will discuss use of a laptop computer to access the Headliner unit / folder console diagnostic and calibration functions.
- **Advanced Troubleshooting Skills:** Discussion of a systematic approach to equipment maintenance and repair. Review of technical resources available, including, ladder diagrams, manuals, and online support materials.
- **Course Review and Questions**
- **Course Evaluation**

**Class Size:** Maximum of 25 Trainees

**Hours:** Training will be delivered in 2 to 4 hour blocks depending on customer requirements and schedule.

### System Requirements:

- Windows® 7, Vista, XP, 2003 Server, 2000 or Mac OS X v10.4 Tiger or newer
- Internet Explorer® 6.0 or newer, Mozilla® Firefox® 3.0 or newer or Safari™ 3.0 or newer (JavaScript™ and Java™ enabled)
- An Internet connection, with cable modem, DSL or better recommended



Contact the Training Department for more information.

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(603) 750-6816

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(847) 951-7779

Or, visit the Goss International web site for available course outlines and other related Lifetime Support Services:

[www.gossinternational.com](http://www.gossinternational.com)