

ALM Course

Airport Lighting Maintenance Course



Endorsed by the CAEA, this comprehensive course is geared to all **airport electricians and supervisory personnel** responsible for airfield lighting maintenance.

Aligned with the recent changes to **CSA Standard Z463-18** regarding **qualified "Airfield Electricians"**.

Provides fundamental training forming the basis for a **standardized level of training** and a path for continued skills improvement.

With both **classroom and "hands on"** training using a simulated airfield - a fully functional miniature airfield - this course will increase safety and improve reliability for the Airfield Lighting Systems that are so important to aircraft safety during takeoff, landing and taxiing operations.

Additionally, this course can be **custom tailored** and delivered at "home airports" around the country providing an **exceptional level of training** to groups utilizing their airport's equipment adding an extra level of comfort and familiarity.



Course Content

- Airport Lighting Overview
- Airport Lighting Series Circuits
- Constant Current Regulators
- Series Circuit Transformers
- Light Sources
- Airport Runway & Taxiway Fixtures and Signs
- Miscellaneous Visual Aids
- Approach Lighting & Visual Approach Path Indicators
- Control Systems
- Safety
- Test Equipment & Measurements
- Standby Power Systems
- Maintenance Management



Qualified Instructors

- **Patrick Lynch** - Empower Airport Systems
- **Ian Mackenzie** - Empower Airport Systems
- **Dave Dunmore** - Empower Airport Systems

Format

With decades of experience among them, the **instructional team excels** at bringing real-world knowledge and perspective to the class in an **easy-to-understand format** and in a relaxed environment.

Standard courses run for 4½ days with an equal balance of in-class and hands-on instruction.

Call us today to register for an upcoming course or to discuss your organization's unique needs!