

# Michigan Advanced Lighting Controls Training Program



## **MALCTP: Comprehensive Training Industry Collaboration**

A broad partnership between utility companies, manufacturers, electricians, lighting designers and electrical contractors is leading to improvements in the design and installation of advanced lighting controls.



# What is MALCTP?

## Why Advanced Lighting Controls?

The Michigan Advanced Lighting Controls Training Program (MALCTP) is an initiative aimed at increasing the use of lighting controls in commercial buildings. The curriculum for MALCTP in Michigan was developed in partnership with the California Advanced Lighting Controls Training Program (CALCTP) which has been recognized as a leading training program from the Department of Energy for over six years.

MALCTP in Michigan will educate, train and certify licensed electrical contractors, and state-certified electricians in the proper programming, testing, installation, commissioning and maintenance of advanced lighting control systems. Advanced lighting control systems typically include: dimmers, occupancy sensors, photo-sensors, relay modules, and communication-based control devices.

Through proper installation practices, advanced lighting controls have the potential to improve energy efficiency in commercial facilities across Michigan and help achieve significant energy savings.



## What is MALCTP Besides Electrician Training?

To ensure proper commissioning and installation, the MALCTP partners have developed a business component on how to effectively price an installation. Additionally, MALCTP partners are developing a course for specifiers (Architects, Engineers, Lighting Designers) on advanced lighting controls design and specification.

## MALCTP Saves Energy

Commercial buildings can save up to 40% in energy savings by simply turning lights off in unoccupied offices, conference rooms, and restrooms during business hours.

The expansion of advanced lighting controls is essential for the development of a highly reliable and efficient electric smart grid system.



## MALCTP Partner Advisors:

The Michigan Advanced Lighting Controls Training Program collaborates with a group of industry Partner Advisors including: The Michigan Public Service Commission, Next Energy, the U.S. Green Building Council, ToggLED, the National Electrical Contractors Association and the International Brotherhood of Electrical Workers.



Detroit Regional Chapter



For more information on MALCTP or to become a partner advisor contact:  
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