

FUNDAMENTALS OF ENGINEERING

For the Non-Engineer!

Early Registration only: \$195.00



Presenter - Tom Domitrovich

Event Details

Thursday, May 30, 2019

8am - 5pm

Rosen Plaza Hotel - (800) 627-8258

9700 International Drive, Orlando, FL 32819

4 Easy Ways to Register

Online - visit: www.MikeHolt.com/ENG19

Phone - 888.632.2633

Fax - 352.360.0983

Mail - Mike Holt Enterprises

3604 Parkway Boulevard, STE 3

Leesburg, FL 34748

**THIS COURSE IS NOT APPROVED FOR
CONTINUING EDUCATION CREDIT**

Tom Domitrovich, an Electrical Engineer with Eaton Corporation's Bussmann series solutions, is teaching a new program on the practical engineering topics that every electrical professional needs in the field. Tom has experience in power systems engineering, and is the principle representative for NEMA on NFPA Code Making Panel 2 for the continued development of the NEC (NFPA 70).

Take your knowledge to the next level!

Topics Include:

- **Power Systems Analysis, an Introduction** - Power Systems Analysis, an Introduction - The fundamentals that are used throughout this program. These are the tools to use when analyzing the power distribution system - you need to have a handle on these basics for effective execution of power systems analysis studies.
- **Short-Circuit Analysis** - The short-circuit calculation is the most fundamental calculation that you'll make as part of a power systems analysis. A basic power system will be the basis of this class and used to walk through the process of calculation of short-circuit currents. The available short-circuit current is important for device applications and performance. The information calculated here is used for both selective coordination and incident energy calculations.
- **Equipment evaluation:** once the engineer has available short-circuit current values throughout the power distribution system, equipment must be properly evaluated for short-circuit current ratings and interrupting ratings. This equipment evaluation is important to ensure proper equipment is specified before the design begins and helps ensure inspections go smoothly without project delays after the project has been completed.
- **Selective Coordination** - Selective coordination gets to the heart of the performance of the power distribution system. This section of the class will provide the information necessary to understand how over-current protective devices perform under overload and fault conditions, those conditions outside of normal operation. The class will continue the discussion around the sample distribution system as over-current protective devices are selected to achieve the performance desired.
- **Incident Energy** - Incident energy awareness and calculations is all about the electrical worker and electrical safety. The class will understand the key parameters necessary to calculate incident energy including calculating arcing currents and determining clearing times. The class will continue the discussion around the sample distribution system as incident energy calculations are made to help the electrical worker dress for success.

Register Today

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DESCRIPTION

DESCRIPTION	COURSE #	LIST PRICE	*EARLY REG PRICE	QTY	TOTAL
■ Mike Holt's 2019 Engineering for the NON-Engineer.....	ORLENG19	\$250.00	\$195.00	___	\$ _____

Early Registration expires April 30th

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*Early Registration Price Expires 30 Days before the event