PMU

Advanced Power Quality
Course Details

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*The following document provides an overview of the above mentioned course offered by Schneider Electric's **Power Management University (PMU)**. For more details about all PMU courses such as availability, other courses options, and registration, please visit www.pmutraining.com. Questions can be emailed directly to pmu@se.com.*

Duration:

- 3 Days (Tu-Th, 9am-4pm ET).
- Day 3 will include the AccuSine Certification Exam and Day 4 will include the PowerLogic PFC Certification Exam.

Delivery Type:

- Virtual Instructor Led (VILT)
  - Microsoft TEAMS. Confirmed attendees will receive an email invitation one week prior to the start date.

Overview:

This course will demonstrate, describe and explain the various critical components of an AccuSine PCSP/PFVP/PCSN active harmonic filter unit. In this session, delegates will review basic concepts of power quality and will gradually scale to all the wiring components and structure of an active harmonic filter while focusing on maintenance procedures and troubleshooting techniques. Day 3 of this course will include an optional certification exam.

Who should attend:

- System Architects
- Application Engineers
- Technical Support Engineers
- Project Engineers
- System Integrators, Partners, and EcoXperts

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Prerequisites:

- Be familiar with Basics of Electrical Networks and Harmonics

Upon Completion students will be able to:

- Understand basic Power Quality concepts
- Identify components of an active harmonic filter and understand their use
- Understand the wiring scheme for AccuSine+ PCSP / PFVP / PCSN Filter Equipment for the Solutions
- Understand and follow the defined procedure of installation and commissioning of the equipment for the customer
- Understand the Maintenance activities to be performed for better performance for the full life of the equipment
- Resolve basic troubleshooting for the AccuSine+ Equipment
- Understand Power Factor Theory and why capacitors are installed in electrical networks