



**NABCEP Registered Continuing Education Courses
PV Installation Professional**

Most courses below directly relate to the NABCEP PV Installer Job Task Analysis and therefore can be used to meet all or part of the required contact hours. See Certification Handbook for details on Continuing Education requirements.

* **ML = MULTIPLE LOCATIONS**

Please contact providers for location and times of courses

| Manufacturer or Company | State | Course Name | Contact Hours | Expiration Date | Contact |
|----------------------------------|-------|--|---------------|-----------------|--|
| Advanced Energy | ML* | Introduction to Commercial Inverters | 4 Hours | 3/25/2015 | John Foster: (201) 270-9005 john.foster@aei.com |
| AEE Solar | ML* | Off Grid Workshop: Battery-Based PV & Wind Systems | 6 Hours | 3/21/2015 | Hannah Harrison: (707) 923-2277 x4804 hharrison@eesolar.com http://eesolar.com/dealer-services |
| | | Grid-tie Battery Back-up Workshop | 6 Hours | 4/11/2015 | |
| | | Selling Solar 101 | 4 Hours | 12/31/2014 | |
| Aleo Solar | ML* | Solar Design Level 1 | 16 Hours | 5/21/2014 | Lauren Coyne, Training Director (720) 245-2995 lauren.coyne@aleo-solar.com |
| | | Advanced Residential Solar Design | 16 Hours | 5/21/2014 | |
| | | Ungrounded PV Systems and Arc Fault Inverters (online) | 1 Hour | 8/29/2014 | |
| | | Optimum Commercial Solar PV Design (online) | 1 Hour | 8/29/2014 | |
| Burndy, LLC | ML* | Grounding Applications for Balance of Systems Components for Residential, Commercial and Utility Scale Solar | 1 Hour | 9/19/2014 | Harley Haney: (845)-693-WEEB ghaney@burndy.com |
| CED Greentech | ML* | Designing Off-grid Photovoltaic Systems | 6 Hours | 10/9/2014 | Butch Hueske 303-892-4580 bhueske@ceddenver.com |
| Columbus McKinnon Corporation | ML* | Basic Rigging and Signalperson Training | 6 Hours | 4/23/2014 | Peter Cooke: (716) 692-4145 x. 233 peter.cooke@cmworks.com www.cmcodepot.com |
| Direct Power & Water Corporation | ML* | Pole Mount Racking - Technical Overview | 1 Hour | | Dominic Westeen:(800) 260-3792 ext. 118 DominicW@directpower.com |
| | | Ballasted Racking - Technical | 1 Hour | | |

| | | Overview | | 9/21/2014 | |
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| | | DPW Racking - Technical Overview | 3 Hours | | |
| Energy Circle | ML* | Capturing Lease & Growing Business: How to Leverage Resources Through Business to Consumer Marketing (Course is not JTA Based. Apply to Non-technical/other CE category.) | 6 Hours | 3/28/2015 | Lisa Fahay: (207) 847-3644 lisa@energycircle.com |
| Everest Solar Systems | ML* | Principles and Best Practices for Cost Effective Solar Mounting Systems | 1 Hour | 4/2/2014 | Boris Mathiszik: (760) 814-4200 b.mathiszik@everest-solarsystems.com www.everest-solarsystems.com |
| Fronius, USA, LLC | ML* | Fronius Installation Training (onsite and web) | 2 to 8 Hours | 6/12/2015 | Dan Fortson: (810) 844-2775 Fortson.dan@fronius.com www.fronius.com/cps/rde/xchg/SID-2B291602-AF4AB673/fronius_usa/hs.xsl/2714_2123.htm |
| | | Fronius Service Provider Certification for Fronius IG | 8 Hours | | Moe Mahone: (219)734-5666 |
| | | Fronius DatCom Training | 4 Hours | | Moe Mahone: (810) 844-2771 Mahone.mornete@fronius.com |
| | | Fronius Inverter Training | 4 to 8 Hours | | Moe Mahone: (219)734-5666 |
| | | Fronius Service Provider Certification for Fronius IG Plus | 8 Hours | | Moe Mahone: (219)734-5666 |
| | | Fronius Service Provider Certification for Fronius CL | 7 Hours | | Moe Mahone: (219)734-5666 |
| HeatSpring Learning | ML* (Online) | Solar Sales and Marketing (On-Line) | 5 Hours | 6/20/2014 | Brian Hayden: (800) 393-2044 x44 bhayden@heatspring.com www.heatspring.com/courses |
| Hellermann Tyton | ML* | 2014 NEC New | 1 Hour | 2/22/2015 | Todd Fries: 414-975-7066 tfries@htamericas.com http://hellermanntyton.us/promo/webinar.aspx |
| | | 2011 NEC New Requirements: Article 690 for PV Systems | 1 Hour | 8/27/2014 | |
| IronRidge Inc. | ML* (Online) | Ground Mount 101 | .5 Hour | 8/29/2014 | Daniel L. Felix: (707) 459-9523 |
| | | Ballasted Roof Mount 101 | .5 Hour | | dfelix@ironridge.com |
| | | Roof Mount Rail System 101 | .5 Hour | | |
| Madisonville Community College | ML* (Online) | ENM 100- Energy Industry Fundamentals | 3 Hours | 6/14/2015 | Jake.hildebrant@kctcs.edu Jake Hildebrant: 270-883-1160 |

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| Magnum Energy, Inc | ML* | Magnum Energy Product Installation & Programming | 4 Hours | 10/11/2015 | Gary Baxter: (425) 353-8833 Gbaxter@magnumenergy.com |
| Midwest Renewable Energy Association (MREA) | ML* | PV Conceptional Design for Solar EV Charging | 16 Hours | 1/4/2014 | Jenny Heizen: (715)-592-6595 x.108 Jennyh@midwestrenew.org www.midwestrenew.org/training |
| | | PV & Solar Thermal Structural Considerations | 7 Hours | 6/12/2015 | |
| | | Battery-Based PV Systems | 7 Hours | 6/12/2015 | |
| | | Inspecting PV Systems | 4 Hours | 6/12/2015 | |

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| Mike Holt Enterprises | ML* | 2011 NEC Requirements for Solar Photovoltaic Systems | 8 Hours | 10/11/2014 | Meghan Roy: (888) 632-2633 meg@mikeholt.com http://www.mikeholt.com/solarceu.php |
| Mitsubishi Electric & Electronics USA - Photovoltaic Division | ML* | PV Technical & Sales Training | 12 Hours | 4/23/2014 | Jim Kadakia: (714) 220-4834 Jim.Kadakia@meus.mea.com www.MitsubishiElectricSolar.com |
| Morningstar Corporation | ML* | Solar Charge Controllers & Inverters: How to Choose the right Controller Technology | 3 Hours | 2/22//2015 | Julie Hansberry: 215-321-4457 jhansberry@morningstarcorp.com |
| OnGrid Solar | ML* | Introduction to PV Financing with Leases, PPA's, PACE and Conventional Loans | 7 Hours | 2/21/2014 | Andy Black: (408) 428-0808 x1 andy@ongrid.net www.ongrid.net/classes.html |
| | | Economics of Solar: Making the Financial Case for Commercial and Residential PV | 7 Hours | | |
| | | Solar Sales and Marketing | 7 Hours | | |
| Power-One Inc | ML* | Power-One Product Training | 3 Hours | 6/9/2015 | Jim Egan: (480) 370-5706 jim.egan@power-one.com |
| | | Power-One Products, Design & Application | 4 Hours | 9/19/2015 | |
| | | Introduction to Power-One Technology | 2 Hours | | |
| Quick Mount PV | ML* | Solar Roofing Best Practices - Commercial | 2 Hours | 2/22/2014 | Johan Alfsen: (925) 687-6686 johan@quickmountpv.com |
| | | Successful Solar Business | 8 Hours | 5/30/2014 | http://quickmountpv.com/training/index.html |
| REC Solar US, LLC | ML* | Introduction to Module Assembly | 1 Hour | 1/19/2014 | George McClellan: (805) 704-3226 george.mcclellan@recgroup.com |
| | | Review of Best Practices in the Field | 1 Hour | | |
| Rolls Surette Battery Company | ML* | Battery Based Systems | 3 Hours | 11/6/2014 | Steve Higgins: 902-597-8447 steve@surette.com www.surette.com |
| Satcon Technology Corp. | ML* | Satcon Central Inverters and Commercial Design and Installation Considerations | 2 Hours | 4/16/2014 | Jon Fiorelli: (617) 910-5500 www.satcon.com |

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| Schneider Electric | ML* | GT Systems Operation & Maintenance | 16.5 Hours | 4/23/2014 | Elaine Rosario: (604) 422-8595 SERedBUTraining@schneider-electric.com www.schneider-electric.com |
| | | Schneider Electric Professional Installer Training | 16.5 Hours | 4/23/2014 | |
| Silicon Energy | ML* | Small Distributed PV Generation & National Security: The Role of Integrated PV | 1 Hour | 6/10/2014 | eshea@silicon-energy.com Erin Shea: (218) 789-1710 |
| SMA America, LLC | ML* (online options) | Decentralized Commercial Applications | 5 Hours | 8/29/2014 | Greg Smith: (916) 625-0870 greg.smith@sma-america.com |
| | | Introduction to SMA Products | 3 Hours | | |
| | | Stand Alone & Battery Backup Applications | 5 Hours | | |
| | | SMA System Design & Communciation | 5 Hours | | |
| | | Residential Applications | 5 Hours | 9/17/2014 | |
| | | Battery Backup with and without PV | 1 Hour | | |
| | | Impact of Multiple String Orientations | 1 Hour | | |
| | | AFCI Compliant Inverters | 1 Hour | | |
| | | Decentralized Commercial Design | 1.5 Hours | | |
| | | PV System Design - Inverter Focus | 1.5 Hours | | |
| Overview of Grid-Tied String Inverters | 2.5 Hours | | | | |
| Solar Energy International (SEI) | ML* | PV 202 - Advanced PV System Design and the NEC (Grid Direct) | 40-60 Hours | 9/23/2014 | Chris Smith: (970) 527-7657 ext. 200 csmith@solarenergy.org www.solarenergy.org/continuing-education-begin-today |
| | | PV 203 -Solar Electric Design Battery-Based | 40-60 Hours | | |
| | | PV 206 - Solar Business and Technical Sales | 40-60 Hours | | |
| SolarTech | ML* | Cutting Through Red Tape to Grow Your Solar Business | 6 Hours | 5/21/2014 | Roxanne Kohlin: (408) 943-7061 marketing@solartech.org |
| Solmetric Corporation | ML* | Solmetric Certified Shade Analysis Course | 3 Hours | 3/21/2015 | keith@solmetric.com |

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| | Online | | | | Keith Rose 707-823-4600 www.solmetric.litmos.com |
| Stion | ML* | Stion Installation & Product Training | 1 Hour | 5/24/2014 | Joshua Moore: (408) 284-8837 jmoore@stion.com |
| Unirac | ML* | Solar Mounting Structures | 4 Hours | 4/16/2014 | Andy Davidson: (505) 242-6411 andyd@unirac.com www.unirac.com |
| | | Best Practices with Racking | 2 Hours | 7/27/2014 | |
| Zep Solar Inc | ML* | Zep System: Design and Installation | 2 Hours | 11/23/2013 | Daniel East: (415) 479-6900 daniel.east@zepsolar.com |
| | | Zep System: Intermediate Design and Installation | 4 Hours | | |
| | | Zep System: Advanced Design and Installation | 6 Hours | | |
| eRenewable Resource Institute | AZ | PVS250: PV Technical Sales | 40 Hours | 6/22/2014 | Alix Monty: (408) 446-0400 alix@erenewableresource.com www.erenewableresource.com |

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| Schletter Inc | AZ | Installation of Large Commercial & Utility-Scale Solar Mounting Systems | 1 Hours | 6/13/2015 | Wolfgang Fritz: (520) 289-8700, or wolfgang.fritz@schletter.us |
| | | Layout Software for Large Commercial & Utility Scale PV Systems | 1 Hour | 2/21/2014 | Angela.kliever@schletter.us |
| | | Flush Mount Systems: Design and Product Applications | 1 Hour | | |
| | | Design and Installation of Large Commercial & Utility Solar Mounting Systems | 3 Hours | | |
| Ambassador Energy, Inc | CA | Advanced PV Design and Installation | 18 Hours | 3/14/2014 | Catherine Kelso: (866) 586-1840 kelso@ambassadorenergy.com |
| California Solar Electric Co. | CA | Advanced Photovoltaic Design and Installation | 60 Hours | 12/10/2013 | Lars Ortegren: (530) 274-3671 lars@cal-solar.com |
| Chint Power Systems | CA | CPS Training - Design & Installation (Webinar & Hands-on) | 2.5 Hours | 3/28/2015 | Sukriti.jain@chintpower.com Sukriti Jain 408-223-5233 |
| Enphase Energy | CA | Enphase Micro-Inverter Installation and Best Practices | 4 Hours | 10/11/2014 | Peter Lum: (877) 797-4743 plum@enphaseenergy.com http://enphasetraining.webex.com |
| | | Enphase Microinverter Comprehensive Design, Installation & Communications | 6 Hours | | |
| Schuco-USA | CA & CT | PV-1 Installation | 12 Hours | 10/11/2013 | Carole Vancedarfield: (860) 616-0213 CaroleVancedarfield@schuco- |
| | | Advanced PV Systems Design and Engineering | 6 Hours | | |

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| SMA America, Inc. | CA | Web Box | 5 Hours | 11/4/2013 | Antonio Gomez: (916) 625-0870 Antonio.Gomez@sma-america.com www.sma-america.com/solaracademy |
| | | Introduction to PV | 5 Hours | | |
| | | Sunny Central | 5 Hours | | |
| | | Introduction to SMA Products | 5 Hours | 12/8/2013 | |
| | | Communications | 5 Hours | | |
| | | Sunny Island 1 | 5 Hours | 1/4/2014 | |
| | | Sunny Island 2 | 5 Hours | | |
| Grid-tie Battery Back-up Systems | 3 Hours | 1/18/2015 | | | |
| Sun Pirate, Inc. | CA | Photovoltaic System Design & Installation (<u>Web-based instructor mentored- 15 weekly lesson</u>) | 60 Hours | 9/27/2014 | Roger Coghlan: (707) 792-6929 Sunpirate@mindspring.com www.sunpirate.com/solar-training-course.html |
| Tigo Energy, Inc. | CA | Tigo Energy System Design and Installation | 3 Hours | 6/22/2014 | Daniel Roberts: (408) 402-0802 x.431 daniel.roberts@tigoenergy.com |
| Sustainable Solutions, Inc. | CO | Residential Grid-Tie PV Design and Installation | 8 Hours | 1/22/2014 | Larry LeDue: (719) 237-4661 lrl@ssisolarenergy.com |
| Thames Solar Electric | CO | 3-Day PV Solar Class | 23 Hours | 2/23/2014 | Donna or Virginia: (303) 936-9377 thamessolar@earthlink.net www.thamessolar.com |
| | | PV Basic - Grid Tied Only | 4 Hours | 11/18/2013 | |
| | | PV Basic - Grid Tied Only | 8 Hours | | |
| | | Advanced PV Design and Code | 8 Hours | | |
| | | Hands-On PV | 8 Hours | | |
| Mage Solar Academy | GA | Fundamentals of Solar Business and Technical Sales | 8 Hours | 4/2/2014 | Amber Foskey (478) 609-6751 msa@pagesolar.com |
| | | PV Field Inspectors 302 | 8 Hours | 6/21/2014 | www.magesolaracademy.com |

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| Solairgen | GA | PV Grid Tie Systems Design and Installation: PV203 | 40 Hours | 11/21/2014 | Kelly Provence: (706) 867-0678 koprovence@solairgen.com www.solairgen.com |
| | | PV Systems Advanced: PV221 | 21 Hours | | |
| Zapotec Energy, Inc | MA | PV Systems and Fire Safety | 6 Hours | 3/14/2014 | Paul Lyons: (617) 547-5900 x.201 lyons@ZapotecEnergy.com www.zapotecEnergy.com |
| Stahlin Enclosures | MI | SpecTech: Materials & Enclosures | 12 Hours | 8/2/2014 | Roger Schroder: 616-794-0700 Rschröder@stahlin.com |
| Saint Paul College | MN | National Electric Code for Solar | 8 Hours | 10/19/2014 | cheryl.beaumier@saintpaul.edu Cheryl Beaumier: 651-846-1438 |
| | | PV Solar with Energy Storage | 8 Hours | | |
| St. Louis Community College | MO | Advanced PV Sizing & Electrical Design | 16 Hours | 6/12/2014 | Jeff Foster: (314) 513-4607 jfoster152@stlcc.edu |
| Warshauer Electric Supply | NJ | Solar PV Fundamentals, Design & Inspection Responsibilities | 5 Hours | 10/9/2014 | Kennie Marie Fried: 732-741-6400 kmf@warshauer.com |
| Electrical Training Center, Inc. | NY | Photovoltaic Simplified | 8 Hours | 6/8/2015 | Sal Ferrara: (631) 226-8021 info@electricaltrainingcenterli.com http://electricaltrainingcenterli.com/index.php?option=com_content&view=article&id=73&Itemid=68 This class does not address the JTA, & only transfers to 12 CE (NEC and Non-technical/Other Categories) |
| | | Electrical Calculations | 8 Hours | 2/20/2015 | |
| | | NEC Code Changes | 8 Hours | | |
| | | OSHA 10 - Outreach Training for Construction Electricians | 10 Hours | | |
| | | SOARES Grounding & Bonding | 8 Hours | | |
| Master Electrician License Preparation | 24 Hours | | | | |
| Nexttronex, Inc. | OH | Nexttronex Certified Technician Training | 8 Hours | 10/9/2014 | Peter Gerhardinger: (419) 206-6931 Peterg@nexttronex.com www.nexttronex.com |

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| Morningstar Corporation | PA | Tristar MPPT Solar Charge Controller Training | 1.5 Hours | 10/7/2014 | Brad Berwald: (215) 321-4457 Bberwald@morningstarcorp.com www.morningstarcorp.com/en/news-item |
| Exeltech Solar Products, | TX | PVAC Modules Installtion | 4 Hours | 3/21/2014 | Dan Lipinski: 817-8338-4222 DanL@exeltechsolar.com www.exeltechsolarproducts.com |
| Midnite Solar | WA | Midnite Solar 2012 | 4 hours | 2/17/2014 | Robin Gudgel: (360) 403-7207 robin@midnitesolar.com |
| OutBack Power Systems | WA | OutBack Certificate Training | 12 Hours | 12/7/2014 | Mark Cerasuolo: (360) 435-6030 mcerasuolo@outbackpower.com |