REGISTERED PROVIDERS for the NABCEP® SOLAR HEATING ENTRY LEVEL EXAM

Please Note: This list is in alphabetical order BY STATE/Territory

There are currently:
255 Students who have passed the NABCEP Solar Heating Entry Level Exam
031 Providers of the Solar Heating Entry Level Exam

Please contact the provider(s) for more information about any course(s) listed below.

FACILITY/INSTITUTION	COURSE NAME(S)
ALABAMA, Auburn **Smart North America** 1255 Collier Rd., NW Ste. 500 Atlanta, GA 30318 **Contact:** Ruth Page-Nelson **e-mail:** sgna@smartgridnorthamerica.com **Tele.** (800) 764-3085 www.smartgridnorthamerica.com **Provider # 0451**	The Entry Level Objectives for Solar water heating introduces students to the basics of water heating in homes, commercial buildings, pools, space heating and other applications through capturing the heat from the sun, storing and transferring it for designated applications .This course covers Learning Objectives required by NABCEP: 1. Conducting a site analysis , including load analysis 2. Identifying SH safety practices, standards, codes and certification 3. Identifying systems for specific climates and applications 4. Identifying proper orientation and installation methods 5. Identifying proper use of balance of system components and materials 6. Identifying common SH maintenance items The student will be prepared to take the NABCEP Solar Heating Entry Level Exam. Achieving a passing score on the entry level exam is an indication that the candidate has demonstrated a basic knowledge of the fundamental principles of the application, installation, design and operation of Solar Heating Systems.
CALIFORNIA, Cotati **Sun Pirate, Inc.** 442 Larkspur Ct. Cotati, CA 94931 **Contact:** Roger Coghlan **e-mail:** ret-training@sunpirate.com **Tele.** (707) 792-6929	**Entry Level Solar Heating Program (Online)** Sun Pirate's Entry Level Solar Heating Program consists of the completion of our IREC/ISPQ accredited, self paced Solar Heating System Design & Installation Online Course (60 contact hours). The student has the option to add the Entry Level SH Program which includes the initial testing fee and administration of the NABCEP SH Entry Level Exam at a Computer Based Testing (CBT) center. The SHSDI online course concentrates on the basics of installing solar heating systems. Students will learn practical design criteria, installation guidelines, safety

www.sunpirate.com **Provider # 0223**	issues, maintenance, and legal considerations. This is a self paced, instructor mentored online course. Primary Text *Solar Domestic Water Heating* by Chris Laughton is included. Our instructor Roger Coghlan is an ISPQ Certified Instructor.
CALIFORNIA, Eureka **College of the Redwoods** 7351 Tompkins Hill Road Eureka, CA 95501 **Contact:** Julia Peterson, Director Business Training Center **e-mail:** julia-peterson@redwoods.edu **Tele.** (707) 269-4000 **www.redwoods.edu** **Provider # 0271**	**Introduction to Solar Thermal Systems** A course designed to provide students with essential information to work with solar thermal systems including system design & sizing residential projects, system components, estimating installation costs & return on investments, system maintenance & building codes. Students will be given the opportunity to sit for the NABCEP Entry Level Exam at the conclusion of the course.
CALIFORNIA – San Francisco **City College of San Francisco** 1400 Evens Avenue San Francisco, CA 94124 **Contact:** Gerald Bernstein, Director **Email:** gbernste@ccsf.edu **Tele.** (415) 550-4437 **www.ccsf.edu/ATT** **Provider #0172**	**CNST 104: Solar Thermal installation** Training for installers of solar water heating systems. Emphasis in on system components, design, installation, troubleshooting and safety. Components of active/passing and direct/indirect systems are taught, as are techniques to optimize installation. Particular focus is on installation and mounting of solar collectors, water heater and storage tanks and piping. System check-out techniques are practiced.
CANADA –BRITISH COLOMBIA- Victoria **Camosun College** 4461 Interurban Road Victoria, BC, Canada V9E 2C1 **Contact:** Ybo Plante **Email:** yplante@camosun.bc.ca **Tele.** (250) 370-4221 **www.camosun.ca/ce** **Provider #0585**	**Solar Thermal Entry Level** This course covers the basic skills and fundamentals of solar thermal technology. Students will learn how to: identify soar thermal components; conduct steps in solar site analysis; ensure safe practices and risk management; identify systems for specific climates; and determine methods to install and maintain systems. Through a series of lectures and hands-on solar labs, students will have acquired the foundation needed for entry-level in the field of solar thermal and domestic hot water heating. This course will be of interest to installers, pipefitters, engineers, inspectors, as well as do-it-yourselfers considering their own installation. This course is based on the NABCEP Entry Level Learning Objectives and Job Task Analysis for Installers.

	Participants are encouraged to also take "Fall Protection" training (course TTCE 211V) Prior trades experience is recommended.
COLORADO, Paonia and Carbondale **Solar Energy International** 39845 Matthews Lane Paonia, CO 81428 **Contact:** Tawnya Parker, Workshop Coordinator **e-mail:** tparker@solarenergy.org **Tele. (**970) 527-7657 x206 http://www.solarenergy.org/ **Provider # 0129**	**ST101: Solar Training - Solar Hot Water Design and Installation** Participants in this workshop will learn the theory, design considerations and installation strategies necessary to install and maintain a solar domestic hot water system. Passive solar water heaters, drainback systems, antifreeze systems, and photovoltaic powered systems are discussed in depth, as well as an introduction to pool and space heating systems. The workshop will include some hands-on labs and tours of solar hot water systems.
CONNECTICUT, North Haven **Gateway Community College – Center for a Sustainable Future** 88 Bassett Road North Haven, CT 06473 **Contact:** Theresa Kasun **Email:** tkasun@gwcc.commnet.edu **Tele. (**203) 285-2448 http://www.gwcc.commnet.edu/ **Provider # 0185**	**Solar Heating Entry Level** Solar Heating Entry Level follows the task analysis and learning objectives by NABCEP. This course covers site assessment, identification of solar thermal systems and components, learning and performing appropriate installation techniques, system adaptations, start-up, troubleshooting, and workplace safety. This course will help experienced contractors, plumbers and pipefitters, and individuals with basic tool skills to learn entry level technologies for installation of solar thermal hot water and space heating equipment. This course also serves as a comprehensive review for the Connecticut proficiency exam. The technical skills training component of this course takes place in the college's new state-of-the-art solar photovoltaic and solar thermal lab. Twelve 4-hour sessions and one Saturday field trip.
FLORIDA, Gainesville **Gainesville Job Corps Center** 5301 NE 40th Terrace Gainesville, FL 32609 **Contact:** Erick Green, Solar Instructor **Email:** green.erick@jobcorps.org **Tele.** (352) 377-2555 ext 364 www.gainesville.jobcorps.gov **Provider # 0336**	**Solar Photovoltaic & Thermal Installation:** In Depth training in the installation of Solar Thermal. We train students in all aspects of Solar Thermal to include but not limited to flat-plate collectors, thermosyphon systems, roof mounting, track mounting, and theories behind thermal fluid movement, Solar pool heating and the installation of hot water holding tanks.

FLORIDA, Green Cove Springs **Alternate Energy Technologies LLC** 1345 Energy Cove Court Green Cove Springs, FL 32043 **Contact:** Andrew East **Email:** andrew@aetsolar.com **Tele. (**904) 781-8305 http://www.aetsolar.com/training.php **Provider # 0606**	**AET University's Solar Heating and Cooling 101** **Prereq: Solar Water Heating 100: The Fundamentals** This 6 day course covers all of the information necessary to empower our students to build a sustainable business in sustainable energy. The course features a two day hands-on installation training course, the goal of which is to ensure that our graduates can complete any residential install in one day. Additionally our business development section provides experiential data from industry experts on how to build a successful business model, as well as sales and marketing best practices. Drawing upon over 37 years of industry experience AET University provides an unparalleled learning experience in a unique environment.
GEORGIA, Macon **Central Georgia Technical College** 3300 Macon Tech Drive Macon, GA, 31206 **Contact:** Rebecca Lee, Vice President **Email:** blee@centralgatech.edu **Tele.** (478) 757-3551 www.centralgatech.edu **Provider # 0445**	**Entry Level Solar heating Knowledge** The Central Georgia Technical College noncredit Entry Level Solar Heating Knowledge course offer s training to prepare adults for entry-level jobs in the solar thermal industry. The course provides and important first step in preparing students to become skilled, qualified professionals in solar heating careers. The 64-hour course provides 48 contact hours on on-site interactive classroom and lab instruction, including a 2-hour exam. 16 hours of online instruction; and out-of-class assignments. The course offers basic knowledge of solar heating systems and prepares course completers for the NABCEP entry level solar heating Exam.
KANSAS, Chanute **Neosho County Community College** 800 W. 14th Street Chanute, KS 66720 **Contact:** Brenda Krumm **Tele.** (620) 431-2820 ext. 234 **Email: bkrumm@neosho.edu** **www.neosho.edu** **Provider # 0587**	**The Solar Pathway** The Solar Pathway teaches competencies developed by NABCEP. These skills prepare students to sit for NABCEP PV Entry Level and the NABCEP Solar Heating Entry Level Exams. SUST 104 – PV Systems SUST 106 – PV Systems Installation SUST 108 – PV Systems Troubleshooting SUST 204- Solar Hot Water & Heating Systems SUST 206 – SHW & Heating Installation SUST 208 – SHW & Heating Troubleshooting
MAINE, Fairfield **Kennebec Valley Community College** 92 Western Avenue Fairfield, ME 04937 **Contact:** Bradley Harding **e-mail:** bharding2@kvcc.me.edu	**Solar Heating for the Entry Level Candidate** This course is geared toward individuals who have limited experience with solar heating systems and are interested in expanding their understanding of solar heating technology. Upon completion, students will be eligible to take the NABCEP Solar Heating Entry Level Exam Successful completion of this course and a passing score on the NABCEP exam will provide a

Tele. (207) 453-5817 **www.kvcc.me.edu** http://www.kvcc.me.edu/Pages/Energy-Services-Center/Re **Provider # 0119**	required credential for professionals who want to install systems that qualify for the Efficiency Maine Trust Solar Heating rebate program. Students will be expected to have basic plumbing and electrical skills, and basic knowledge of roofing materials and construction.
MASSACHUSETTS, Greenfield **Greenfield Community College** One College Drive Greenfield, MA 01301 **Contact**: Christine Copeland **Email:** copelandc@gcc.mass.edu **Tele.** (413) 775-1000 www.gcc.mass.edu **Provider #0115**	**Renewable Energy/Energy Efficiency** The Program provides students with a comprehensive introduction to renewable energy and energy efficiency. With knowledge and skills needed for entry level employment in the RE/EE field. Provides students already employed in the trades with knowledge & skills relevant to specific RE/EE technologies, as well as broader understanding of the scientific, economic, and political context of the industry; and provides students with the knowledge and skills needed for continued learning in the RE/EE field, including transfer to an AA program and other higher education opportunities.
MICHIGAN, Ann Arbor **HeatSpring Learning Institute** 401 Stadium Blvd. Ann Arbor, MI 48104 **Contact:** Brian Hayden, Director of Education **Email:** bhayden@heatspring.com **Tele.** (800) 393-2044 ext. 44 Website link. **Provider # 0255**	**Solar Thermal Systems -Online** This 40-hour online training teaches the fundamentals of solar thermal design and installation. Videos, reading, webinar, homework, quizzes and discussion provide a range of media for varying learning styles. Instructor Bob Ramlow is an ISPQ Certified Independent Master Trainer – his book, *Solar Water Heating*, provides the backbone of the material. The course prepares students for the NABCEP Solar Heating Entry level Exam. **Solar Thermal Systems –Blended Learning Option** This 40-hour training, is also taught by ISPQ Certified Independent Master Trainer, Bob Ramlow. • Days 1 & 2 (16 hours) will be conducted online in an interactive distance-learning format. Reading worksheets, quizzes and discussion will focus heavily on SHW fundamentals, safety, and markets. Days 3, 4 & 5 (24 hours) will be conducted in the classroom. The existing course will be modified to go deeper in critical topics to compliment the online instruction.
MICHIGAN, Traverse City **Northwestern Michigan College** NMC-EES 1701 E. Front St. Traverse City, MI 49686 **Contact:** Bill Queen **Email:** BQueen@nmc.edu	**Solar Hot Water Heating Systems – One Week Intensive EEVE139** Jump start your career selling or installing solar hot water heating systems by attending this one-week workshop. Work with flat plate and evacuated tube solar collectors, storage tanks, pumps, piping, and controls and learn essentials to building a system. Content integrates the solar thermal core competencies outlined by NABCEP and will cover the following topics: Conducting site analysis, including load analysis

Tele. (231) 995-1701 **www.nmc.edu/ees** **Provider # 0138**	Identifying solar hot water safety practices, standards, codes & clarification Identifying systems for specific climates and applications Identifying proper orientation and installation methods Identifying proper use of balance of system components and materials Identifying common SH maintenance items Designed for builders, plumbers, architects, code officials, construction and energy related business owners, anyone who needs technical literacy in solar thermal energy.
NEW MEXICO, Albuquerque **Central New Mexico Community College** **Workforce Training Center** 5600 Eagle Rock Ave. NE Albuquerque, NM 87113 **Contact:** Evelyn Dow-Simpson, Assoc. Director WTC **Email:** evdow@cnm.edu **Tele.** (505) 224-5217 www.cnm.edu/wtc **Provider # 0234**	**Intro to Solar and Solar Thermal Fundamentals/Solar Thermal Installation** The intent of the intro class is to equip the student with the knowledge and skills needed to design, install, and operate and maintain the most common types of solar thermal systems. The class will present an overview of solar thermal applications, provide basic information on the principles of solar energy, and review solar thermal technologies. • The installation class will cover both solar hot water and solar pool heating systems. This theory, code, and hands on training is designed for industry professionals wanting to add solar thermal systems to their offerings and for individuals seeing certification for career advancement with the solar industry. The course blends theory with applied practice.
NEW YORK, Canton **SUNY Canton** 34 Cornell Dr. Canton, NY 13617 **Contact:** Art Garno **Email:** garnoa@canton.edu **Tele.** (315) 386-7197 http://www.canton.edu/ **Provider # 0150**	**Course Area 321, Solar Utilization** This course is offered on a semester basis as part of the 4 year degree in Alternative Renewable Energy at SUNY Canton. It includes hands-on, design and follows the NABCEP Installer Job Task Analysis.
NEW YORK, Kingston **SUNY Ulster,** **Ulster County Community College** One Development Ct. Kingston, NY 12401 **Contact:** Barbara Reer **Email:** reerb@sunyulster.edu **Tele.** (845) 339-2025	**Solar Hot Water Installation & Design** This course covers equipment such as collectors, tanks, pumps, piping, and controllers and reviews major system designs such as "closed loop pressurized" and "drain back" as well as solar pool heating designs. This course is an 18 hour hands-on training for trades people, engineers, architects, HVAC practitioners and other professionals.

http://www.sunyulster.edu/ **Provider # 0132**	
NEW YORK, Rochester **Monroe Community College** 2485 West Henrietta Road Rochester, NY 14623 **Contact**: Kevin M. French **email:** kfrench@monroecc.edu **Tele.** (585) 292-3739 www.monroecc.edu **Provider # 0403**	**Solar Thermal Certificate Program:** This program is designed for the student who is seeking an entry level position as a Solar Thermal Installer and Service Technician, and those currently employed in the field of heating, ventilation, and air-conditioning or related areas. The Solar Thermal Certificate Program provides the student with essential information and training to install and work with solar thermal systems. The coursework includes fundamentals of collecting and transferring solar heat, the national Electric, Plumbing, Mechanical, and Building Code, and teaches the principles of a solar thermal system. This entry level certificate will prepare students to take the NABCEP Solar Heating Entry Level Exam. **Requirements:** HVA 101 Basic Refrigeration Theory 3 credits HVA 102 Air Conditioning Theory 3 credits HVA 103 Heating Systems 3 credits HVA 104 Commercial AC and Heat Pumps 3 credits HVA 105 Electric & Motor Controls 3 credits HVA 202 Boiler Systems 3 credits MTH 135 Intro to Technical Math 4 credits PHY 100 Preparatory Physics 4 credits STT 101 Intro to Solar Thermal 3 credits STT 102 Solar Thermal Installation Practices 3 credits STT 201 Troubleshooting and Preventative Maintenance for Solar Thermal Systems 3 credits Total Credits = 35
NORTH CAROLINA, Boone **Appalachian State University** Department of Technology & Environmental Design Harper Hall, 397 Rivers Street Boone, NC 28608 **Contact**: Jeff Tiller, Chair **email:** tillerjs@appstate.edu **Tele.** (828) 262-6351 **Provider # 0101**	**TEC 4628: Solar Thermal Technology** This course will introduce students to the basic concepts, tools, materials and techniques needed to convert solar energy into heat. Specific technologies to be studied include: domestic solar water heating systems, solar pool heating systems, solar cookers, solar dryers, solar water pasteurization/distillation, solar greenhouses/cold frames, and some house heating systems. The course will enable students to develop skills in the use of tools, materials and processes which effectively and efficiently capture and convert the sun's energy into thermal energy. The course ill include traditional classroom and "hands-on" design, construction and testing activities.

NORTH CAROLINA, Castle Hayne **Cape Fear Community College** **North Campus** 4500 Blue Clay Rd. Castle Hayne, NC 28429 **Contact:** John Wojciechowski **Email:** jwojciechowski@cgcc.edu **Tele.** 910-362-7761 **Provider #0406** **www.cfcc.edu/voc/sustainability-technologies/**	**ALT 250 Thermal Systems** This course introduces concepts, tools, techniques, and materials used to convert thermal energy into a viable, renewable energy resource. Topics include forced convection, heat flow and exchange, radiation, the various elements of thermal system design, regulations, and system installation and maintenance. Upon completion, students should be able to demonstrate an understanding of solar thermal systems and corresponding regulations.
NORTH CAROLINA, Charlotte **National Solar Trainers, LLC** 115 West 7th Street, Suite 300 Charlotte, NC 28202 **Contact:** Edlin Kim **Email:** edlin@nationalsolartrainers.com **Tele.** (646) 915-5308 www.nationalsolartraining.com **Provider # 0359**	**Solar Thermal Entry Level Program** Total course hours: 40 Number of Hands-on hours: 16 Lecture hours: 24 *Or* Online hours: 24 **Solar Thermal Fundamentals Outline** – 8 hours **Solar Thermal Sales Outline** – 8 hours **Solar Thermal Installation Outline** – 16 hours **Solar Thermal Sizing and Design Outline** – 8 hours
NORTH CAROLINA, Huntersville **Everblue** 8936 Northpointe Executive Park Dr., Suite 140 Huntersville, NC 28078 **Contact:** Vince DiFrancesco **Email:** vdifrancesco@everblue.edu **Tele.** (704) 340-4095 www.everblue.edu **Provider # 0373**	**Solar Thermal Associate** This 40 hour course examines the fundamentals of solar thermal technology with primary focus on heating domestic water. Students will learn how to conduct a site evaluation, identify solar thermal components, properly install and maintain a system, as well as how to model system performance. After completing the solar thermal boot camp, students will have acquired the foundation of knowledge needed to work in the field as well as advance to the installer level certification course.
NORTH CAROLINA, Pittsboro **Central Carolina Community College** 764 West Street Pittsboro, NC 27312 **Contact:** Laura Lauffer	**ALT 250 Thermal Systems** This course introduces concepts, tools, techniques and materials used to convert thermal energy into a viable, renewable energy resource. Topics include forces convection, heat flow, and exchange, radiation, and various elements of thermal design, regulations, and system installation and maintenance. Upon completion,

Email: llauffer@cccc.edu **Tele.** (919) 545-8032 www.cccc.edu **Provider # 0145**	students should be able to demonstrate an understanding of geothermal and solar thermal systems and corresponding regulation.
NORTH CAROLINA, Raleigh **North Carolina Solar Center at** **NC State University** 1101 Gorman St. Raleigh, NC 27606 **Contact:** Maria O'Farrell **Email:** maria_ofarrell@ncsu.edu **Tele.** (919) 538-8287 www.ncsc.edu **Provider # 0123**	**Renewable Energy Technologies Diploma Series: REST: Basic of Business and Technology of Solar Thermal** This workshop, instructed by industry leader, Bill Guiney, focuses on domestic solar hot water systems but will include discussions on different solar thermal applications and types. Includes a hands-on installation day. *Credits 4 and 40 continuing credit hours for CBCI, PEs and AIAs.*
NORTH CAROLINA, Supply **Brunswick Community College** Continuing Education Department P.O. Box 30 Supply, NC, 28462 **Contact:** Marilyn Graham, Coordinator, Green Information Training Center **e-mail:** grahamm@brunswickcc.edu **Tele.** (910) 755-8561 www.brunswickcc.edu	**Solar Installer Certificate (From Brunswick CC)** This is a continuing education program designed to prepare students to understand the installation, function and repair of solar PV and solar thermal systems; to train students to safely install equipment using a combination of lecture, demonstration, discussion and hands-on lab work; and guide students to plan for job placement. The Solar Installer certificate includes: employment readiness, OSHA, basic building skills in carpentry, electricity and plumbing, and two separate solar modules: Solar Photovoltaic and Solar Thermal. This program prepares the student for the NABCEP PV Entry Level Exam.
OREGON, Eugene **Lane Community College** **Northwest Energy Education Institute** 4000 East 30th Avenue Eugene, Oregon 97405 **Contact**: Roger Ebbage, Director **Email: ebbager@lanecc.edu** **Tele.** (541) 463-3977 www.nweei.org **Provider # 0120**	**Solar Water heating Tech Training** A four day training which will include classroom instruction, and some hands-on experience with solar water heating system components, system design, and site analysis, as well as job safety and system maintenance. This course is designed as a complete introduction to solar water heating, covering all the NABCEP Solar Heating Entry Level Learning Objectives, plus best practices, local code and program requirements.

PENNSYLVANIA, Harrisburg **Harrisburg Area Community College** 1523 N. 4th Street Harrisburg, PA 17102 **Contact**: Cheryleen Deitz, WFT Coordinator **Email: chdeitz@hacc.edu** **Tele.** (717) 221-1338 www.hacc.edu **Provider # 0243**	**Entry Level Solar Heating** This class is designed to provide the participant with a working knowledge of what solar thermal generation technology is and how it works. Solar thermal systems can provide domestic hot water and/or pool heating. Training begins with the fundamentals of solar hot water, defining the solar thermal market, understanding the solar resource and performing site assessments. Solar basics like sun path, angle of incidence, and heat transfer topics follow next. Different systems types will then be reviewed and examined in lab, such as Active, Passive, Direct, Indirect, Pressurized, Drainback, Swimming pool systems, Flat Plate, Evacuated tube and other collectors. Mounting considerations will be reviewed in the lab and with sample system photos. This includes electrical and plumbing connections. System sizing will be reviewed for all climates in N. America. Computer models will be used in lab for the sizing, generation, and economics of the system. Commissioning and troubleshooting topics will conclude the course in preparation for the NABCEP solar Heating Entry Level Exam.
PENNSYLVANIA - Philadelphia **Infinite Solar, Inc** 2880 Comly Rd Philadelphia, PA 19154 **Contact:** Ivan Svedov, Admissions Counselor **e-mail:** ivan@infinite-solar.com **Tele.** (215) 464-6460 www.solarschoolpa.com	**5 Day Entry Level Solar Thermal Design and Installation Course**: This course incorporates instructor-led lectures, presentations and hands-on labs, including the use of site-assessment tools in the design of solar thermal systems. Topics covered: collector orientation, design & function, solar thermal applications (pool, space & water heating), open & closed loop systems; Service & troubleshooting; Hands-on installation labs (flush-mount & rail mount), pump & tank selection and configuration. Residential & commercial attachments.
VIRGINIA, Richmond Sustainable Technology Institute Inc. 2104 Bremo Rd. #105 Richmond, VA 23230 **Contact**: Wilson Caton **Email:** wil@sustainabletechnologyinstitute.com **Tele.** (804) 938-7774 http://www.sustainabletechnologyinstitute.com/classes/ **Provider # 610**	**Intro to Solar Thermal Heating** With excellent Federal tax incentives available, there is a current opportunity for future students to expand their businesses and careers into the field of solar installation. This 5 day workshop will provide students with in-depth training involving the installation of solar thermal heating systems. There will be both classroom training and hands-on lab activities throughout the duration of the class. Some topics of discussion will be: solar thermal water heating, solar thermal space heating, solar thermal panel technology, system troubleshooting, and safety and building code issues. Students will also be prepared to take the entry level NABCEP solar thermal heating exam at the end of the class. The time is now for renewable energy. Don't miss this opportunity to expand your career into a growing field.

WISCONSIN, Custer **The Midwest Renewable Energy Association (MREA)** 7558 Deer Road Custer, WI 54423 **Contact**: Amiee Wetmore **Email:** Amieew@midwestrenew.org **Tele.** (715) 592-6595 www.midwestrenew.org **Provider # 0167**	**ST 101 – Solar Domestic Hot Water** *Or* **STO 101 - Solar Domestic Hot Water Online** *And* **ST 301 – Solar Hot Water Installation Lab** Students will attend two separate workshops. Students must complete ST 101, either online or in person, and then attend a 3-day Solar Hot Water Installation Lab. Students will learn all aspects of site analysis, system design, installation, safety, code, and troubleshooting & maintenance. Total course length is 32 hours. Courses are a mixture of lecture and hands-on.