

BAY STATE UPDATE

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**BAY STATE
SCHOOL OF
TECHNOLOGY**

JULY 2010 Vol. 14 No. 2

Bay State Recognized By PSA

On Wednesday, June 23, 2010, Bay State Tech was honored by the Professional Service Association (PSA) when it was presented with a certificate by Mr. Ralph Wolfe, representing PSA, certifying that it was a PSA-approved training facility. The presentation was held in conjunction with the school's semi-annual Program Advisory Committee meeting.

This international recognition from PSA certifies that the school has met the stringent requirements of

the organization and is now officially recognized as an industry-accredited training facility. Bay State is only one of three schools in the United States that has received this approval.

The approval process involves measuring the curriculum of the school against the industry competencies that are developed and maintained by the National Coalition for Electronics Education (NCEE), which is comprised of manufacturers, field service company employers and appliance service trade associations (such as PSA) that have a special interest in maintaining current skill standards for the industry. Each year a national committee meets to delete obsolete technology and add new technologies that may have developed with new products in the marketplace, and reviews the competencies.

Once the training facility is confident that it meets industry requirements set forth in the competencies, the PSA graduate exam (GCAP) can be employed to measure the skills of the graduating technicians.

BSST is proud to announce that 43 students received certification as Graduate Technicians in 2009, and an additional 23 have met the certification requirements so far this year. ■



Ralph Harriman, Director of Education, Ralph Wolfe, Professional Service Association, and Bob Mason, School Director.

14th Annual BSST Cookout A Success

Bay State held its 14th Annual Cookout on Wednesday, June 23, 2010, for both day and evening classes. The grill was manned by Team Lemma, along with some help from students Michael Phelan and Carlos Iglesias.

Congratulations to all the staff who worked hard to make this event fun and successful (more photos on page 3). ■



BSST day students enjoy the cookout.

GRADUATE PROFILE: *James White*



Graduate of Major Appliance/Basic Electricity, Domestic Refrigeration and Commercial HVACR

James grew up in Boston, and went to Boston English High School. After graduation, he attended Florence Darlington Tech in Florence, SC, taking classes in industrial electronics for one year. James had two older sisters already in college, and it was financially difficult to keep

all three students in school, so James returned to Boston to go to work. He got a job at Digital Equipment Corporation working on the assembly line, putting together all their keyboards for three years, before being laid off. James decided that he liked working with his hands and wanted to find a job that would allow him to do so. His goal was to someday be his own boss. To further this goal, he went to WTI to learn how to repair office machines. He worked repairing office equipment for 18 years, before being laid off again. It was time to look at retraining once more.

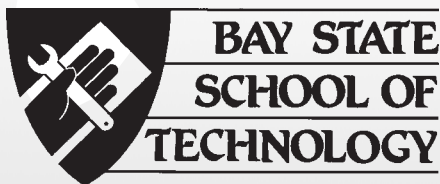
When James started looking into new training opportunities, he knew he had to find not only the right school, but also the right schedule, with the right start and end dates. After visiting a lot of schools, and doing a lot of research, he decided that Bay State, with its hands-on approach, reputation for excellence, and one-on-one instruction, was the right choice for him. After considering Bay State's Computer and Electronics course, he ultimately decided to become an HVACR technician because he wanted to learn about air conditioning and refrigeration.

James thoroughly enjoyed his training at Bay State, and felt that his research really paid off in choosing the right school. "In each class I felt as though I learned a lot of information in the shop from taking voltages, operations of refrigeration systems, recovery of refrigerants, and getting my EPA certification to temperature checks, to brazing, wiring diagrams, and troubleshooting. My refrigeration training allowed me to work on more sophisticated HVAC systems."

James had high praise for all of his instructors. "They all had deep working knowledge in the field and each one would take the time to walk you through problems and making sure you understood and stayed on track with the course. If you had questions, they were always available, and were always willing to stay late and give you a hand going over any of the information."

After graduation James found a job at National Accounts, a service division of FSN, and has been with them two years. He says "Every day is a challenge. A lot of the information I learned in class has to be applied in the field and I also have to think outside the box. The school's hands-on teaching, theory and schematic reading has helped out a lot in the field."

James has three daughters and two grandsons, and lives in Dorchester. We wish James every success in his career. ■



Bay State Update is a quarterly publication of Bay State School of Technology intended to inform its readers about current happenings both at the School and in the field. For further information, and for complimentary copies, contact the office.

PUBLISHER
Robert W. Mason

EDITOR
Larry Fay

BAY STATE SCHOOL OF TECHNOLOGY
225 Turnpike Street • Route 138
Canton, Massachusetts 02021
781-828-3434

www.baystatetech.org

Sheetmetal Workers Face New Licensing Deadline

If you handle sheet metal in your HVACR work, starting in 2011 you may need to be licensed under new rules in Massachusetts. The legislature created the Board of Examiners for Sheet Metal Workers which will oversee the licensing of all sheet metal workers in the Commonwealth. If you perform any installation, dismantling, alteration, or repair of ductwork, or install access doors, you must be licensed to do this work, under the new rules.

Current Sheet Metal workers with sufficient documentable experience can be grandfathered under the rules. You must be able to submit:

Continued on page 4

INSTRUCTOR PROFILE: *Jack Iemma*



Assistant Instructor, Computer Networking

Jack Iemma, son of BSST IT Director, John Iemma, came to work at Bay State in August of 2007.

Prior to that, he had worked a number of different jobs, including delivering appliances, before he decided he needed a career change after being laid off.

His father convinced him to enroll at Bay State in the Computer/Electronics course, and Jack started in 1999, and graduated in July of 2000 with a 3.8 GPA.

After graduation, he worked as a Field Service Engineer for NETS Electronics, a company which provided IT services to such clients as Shaw's Supermarkets, and Ocean State Job Lot. While at NETS, Jack was involved in just about every phase of IT, including installations, upgrades, and maintenance. A layoff from NETS coincided with an opening for an assistant instructor at Bay State, working with Computer instructor James Lofton, specializing in Networking.

Jack enjoys his work at Bay State, and believes he has a unique perspective. "I've seen it from both sides: as a student, and as an instructor. I can appreciate the hard work my students put out because I've been right there with them."

Jack and his lovely wife, Shandi, live in North Providence, Rhode Island. ■

TECH TIPS:

A/C Maintenance

By Ralph Harriman, Director of Education

It's that time of year when our thoughts turn to the warm days of summer, the bright colors of our flower gardens, and the long awaited days at the beach. But let's not forget the hot, hazy, lazy and humid weather that will happen. Our thoughts then turn to our air conditioners. We have to lug them up from the basement, get them in the windows and hope they provide the cooling we need.

There are a few things that you can easily check to insure your A/C will work properly. First and foremost it is important to install the unit in the window correctly. If properly installed there should be little or no noticeable tilt to the A/C. Most air conditioner manufacturers store some of the water, removed from the air, in the base of the unit to aid in cooling the condenser. This water is picked up by the fan blade and actually circulated over the condenser, improving its ability to remove heat. If the unit is tilted too much, most of this water will be unavailable to aid in cooling the condenser.

Secondly, check the air filter in the front of the unit. An A/C that has a dirty filter will not be able to cool and circulate the air. Clean or replace the filter at least twice a year and more often in conditions require. Do not re-install the filter if it is wet from washing as this will cause dust to cake and plug the filter more quickly.

Keep curtains and furniture away from the front of the unit as this will cause an inadequate supply of air to the unit and cause limitations as to how much air the A/C will properly cool.

Happy summer and keep cool! ■

More Cookout Photos



Day students hard at work on the food



Night students line up to fill their plates

Where Are Our Grads Now?

GRADUATE	EMPLOYED AT
James Bolduc	BTU Control Inc. – <i>Service Technician</i>
Jere Santos	Avalon Apartment – <i>Maintenance Technician</i>
Matt Foley	Abel Engineering/BTE – <i>Maintenance Technician</i>
Kelvin Dunson	Geek Choice – <i>Computer Technician</i>
Henrique Andrade	Network Engineering – <i>Test Technician</i>
Tad Mendes	Seaport Hotel – <i>Maintenance Technician</i>
Timothy Mooney	Mercury Mechanical – <i>HVAC Technician</i>
Armando Candida	Hyatt Regency – <i>Maintenance Technician</i>
Joshua Lima	Dri Air Systems – <i>Service Technician</i>
Joel Marc	New Bridge on the Charles Retirement – <i>Maintenance Technician</i>
Grant Salthouse	Seaport Hotel – <i>Maintenance Technician</i>
Darren Frawley	Sears – <i>Service Technician</i>
Hostelino Ribeiro	Liquidware – <i>Electronics Technician</i>
Paul Goncalves	Liquidware – <i>Electronics Technician</i>
Joseph Clark	Mulligan Appliance – <i>Service Technician</i>
William Chellman	Liquidware – <i>Electronics Technician</i>
Patrick Clement	S & B Mechanical – <i>Service Technician</i>
Jonathan Cabral	Patriot Alarm Company – <i>Technician</i>

Congratulations to all!

Upcoming Class Schedule

CURRENTLY ENROLLING FOR:

<u>FULL-TIME DAYS</u>	<u>STARTING DATE:</u>
Major Appliances/Basic Electricity	September 7, 2010
Domestic Refrigeration & Air Conditioning	September 7, 2010
Commercial Refrigeration & Air Conditioning	September 7, 2010

The above listed full-time day classes are scheduled as follows:

Monday - 7:00 a.m. to 3:00 p.m.
 Tuesday - 7:00 a.m. to 3:00 p.m.
 Wednesday - 7:00 a.m. to 11:00 a.m.

<u>PART-TIME EVENINGS</u>	<u>STARTING DATE:</u>
Major Appliances/Basic Electricity	September 1, 2010
Domestic Refrigeration & Air Conditioning	September 1, 2010
Commercial Refrigeration & Air Conditioning	September 1, 2010

Part-time evening classes are scheduled Tuesday, Wednesday, and Thursday evenings from 5:30 to 10:30 PM.

For more information on classes and start dates, contact the Admissions Office at 888-828-3434, toll-free. ■

Sheetmetal Workers *continued from page 2*

Documentary proof, satisfactory to the Board, of having completed at least five years of personal professional practice in the field of sheet metal work within the last ten years. In addition, there are other requirements to be considered as well.

Applications for Grandfather status must be received by February 18, 2011, along with the required \$155.00 non-refundable fee, and the documentation requested.

For more information on this matter, please visit the Board of Examiners of Sheet Metal Workers website at: www.mass.gov/ and search for “sheet metal.” ■

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