

# BAY STATE UPDATE



**BAY STATE  
SCHOOL OF  
TECHNOLOGY**

*June 2006 Vol. 11 No. 30*



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## ***The First On-Line Basic Electricity Seminar Is Scheduled to Start on July 15<sup>th</sup>***

In our last issue of the "Bay State Update", we told you about plans to launch a computer based seminar on Basic Electricity. The development stage is complete and the first class for the seminar is scheduled to start on July 15<sup>th</sup>.

Attendees will meet at Bay State three times during the seven to eight week duration of the training. The meetings will be "Hands-On" labs and will take place on Saturday, July 15 from 8 AM to 1 PM, Saturday, August 6 from 8 AM to 1 PM, and Saturday, August 26, from 8 AM to 1 PM. The rest of the seminar will be completed at home on-line via the seminar WEB site. The seminar is a BLEND of home study and hands-on labs at the school.

Participants will learn: the history of electricity, its origin, its discovery, and development since discovery. The elements of Ohms Law, namely; voltage, current, and resistance, will be covered and explained. Series and Parallel Circuits, capacitors, resistors, transformers, and switches will be studied. Students will learn to use a multi-meter to measure voltage, current, and ohms, and will also learn to read wiring diagrams for electro/mechanical equipment.

### ***Who May Benefit From This Seminar?***

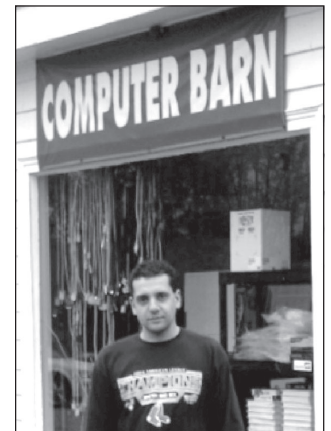
- Appliance Service Technicians
- Automobile Mechanics
- Office Machine Technicians (for copiers, faxes, printers, etc.)
- Computer Service Technicians
- Air Conditioning and Refrigeration Technicians

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## ***Graduate Profile:***

*Introducing -  
Tony Gato*

Tony Gato graduated from New Bedford Vocational High School in 1987. He got a job with a local refrigeration and air conditioning company where he utilized some of the skills he learned in high school. After four years on the job he was laid off and took a job with the Acushnet Company where he spent the next nine years.



Again, he was laid off and needed to find work. He contacted the New Bedford Career Center where he learned that he was eligible to attend school to learn a new career skill. His career counselor, Mr. Rodney Hunt, told him about Bay State and he contacted the school, came in for an interview, and tour of the school. Tony said that he had always been interested in computers and in April of 2001, at the age of 34, he decided to enroll in the Computer Installation and Repair program.

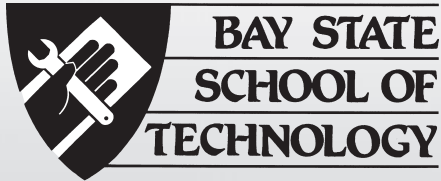
Tony graduated in December 2001 with a straight "A" average and missed only one day of class. He tested for and earned his "A+" Certification shortly after leaving Bay State. Then, it was time to find work in the computer field and Tony landed a job with a small company called The Computer Barn in Dighton. He has been with The Computer Barn for almost five years and in February of this year he bought the company from the owner and now works for himself. The company performs repair and upgrade services on computers and

*continued on page 2*

## **Bay State Launches New WEB Site**

Our new WEB site was launched on May 3<sup>rd</sup> of this year and the new and improved site has some features which we are excited about. The site address is the same as the old site (www.baystatetech.com) but we believe the “new look” truly brings us into the twenty-first century. The site is easy to navigate and can be converted to several different languages.

The site also contains a “Bulletin Board” on which will be posted the latest information on class start dates, FREON Recovery seminar/test dates, and any newsworthy developments and recent activities. The site also contains a description of the content of the new computer based seminar on basic electricity. ■



*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.

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## **Online Seminar...**

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- Hobbyists (Electric Trains and cars, electronics, etc.)
- Alarm Technicians
- Boat Mechanics
- Hotel & Apartment Complex Maintenance Mechanics
- TV & Home Entertainment Sound System Repairers
- Home Owners who want to understand Electricity and Wiring Diagrams
- Medical Equipment Technicians
- Vending Machine Service Technicians

Anyone interested in learning more about the seminar or registering for the July start should contact the school at 781-828-3434 or toll free 888-828-3434. Registration can also be done on-line at [www.baystatetech.com](http://www.baystatetech.com). ■

## **April Maytag Training A Big Success**

Fourteen service technicians and a High School student preparing for a “Skills USA” competition attended the four day Maytag training seminar from April 17<sup>th</sup> through the 20<sup>th</sup>, and based on feedback from the participants, it was a great success. All of the participants are service technicians for Maytag dealers and came from all over the country. They came from New Jersey, New Hampshire, Rhode Island, Connecticut, Montana, Virginia, and Massachusetts.

The four days of “Hands-On” refrigeration training was conducted by the Bay State faculty in keeping with the school’s designation as an Authorized Maytag Training Center. From time to time the school offers separate seminars on Kitchen, Laundry, and Refrigeration products. The next scheduled seminar will be on Refrigeration and will be conducted in October. Seminars on kitchen and laundry are conducted as demand dictates. People interested in attending should contact Mr. Brian Murphy at toll free 1-888-828-3434, for more information. ■

## **Graduate Tony Gato...**

*continued from page 1*

computer networks for both businesses and private citizens primarily in the southeastern area of Massachusetts.

Tony stated that he enjoyed the program and the teachers at Bay State and that his education and training has enabled him to become his own boss. If you need computer service, you can call Tony at 508-669-4137.

His FAX number is 508-669-6182 and his E-Mail address is [computerbarn@verizon.net](mailto:computerbarn@verizon.net). All of us at Bay State send our good wishes to Tony for success in his business. ■

## ***Did You Take Out Student Loans?***

Did you take out student loans to help pay for your education at Bay State? Remember, on-time repayment of your student loans means establishing and maintaining good credit, and the continued availability to access credit for mortgages, car loans, or even additional student loans. If you are having problems making ends meet, don't be afraid to ask for help from the Direct Loan Servicing Center.

Deferments for your loans are available if you become unemployed or if you go back to school on at least a half time basis, or for other reasons leaving you unable to make payments. If you are not sure if circumstances make you eligible for deferment, call Larry Fay at 888-828-3434, or call the DirectLoan Servicing Center at 1-800-848-0979. They are there to help you. They will work with you to keep you from going into "DEFAULT" status. ■

## ***Appliances Needed***

Bay State is always in need of appliances that can be used as trainers for our students. We can always use gas and electric ranges, gas and electric clothes dryers, direct drive washing machines, dishwashers, and trash compactors. If you can make a donation, please contact Michael Griffin at 781-828-3434. ■

## ***Experienced Techs and Retirees***

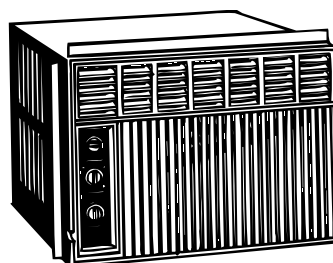
The school has openings for both full time and part time assistant instructors. No teaching experience is necessary. If you have at least five years of experience in the field and think you might be interested in becoming an assistant shop instructor, call Michael Griffin at 781-828-3434. ■

## ***Send A Friend To Bay State***

If you know anyone who is unemployed or unhappy with their current job, you might be doing them a big favor by suggesting that they contact the school to learn about our programs and career opportunities as service technicians. The demand for technicians in the appliances and refrigeration & air conditioning fields continues to be greater than the number of trained people available to be hired. Referrals from current students and graduates continues to be the best source of new students for the school. ■

# **TECH TIPS**

## ***Summer is Coming***



*It is nearly time to install those window air conditioners again - seems as if we just removed them.*

It will not be long before everyone will want their air

conditioner put back in

their window. Just one hot day will kick off the season, and we have already seen hot weather this Spring.

When all of your friends and relatives hear that you are going to school to learn air conditioning and refrigeration, they will probably call you for advice. They will want your help when buying and installing their air conditioner, so learn your lessons well.

A common question one might ask when buying air conditioners is, "what size should I buy?" Air conditioning units are rated in British Thermal Units, or commonly known as BTUs.

There is a very simple formula for figuring out what the capacity of an air conditioner should be to cool a room.

1. Measure the size of the room (length x width) to get the square footage.
2. Multiply the square footage by 25.
3. Add 500 BTUs for each person that will be in the room.

Example:

A room with 2 occupants, with an area that measures 15 x 20 = 300 square feet.

300 square feet x 25 = 7,500 BTUs

Add 500 BTUs for each person = 1,000 BTUs.

The BTU capacity of the air conditioner should be 8,500 BTUs.

Air conditioning engineers say that a unit slightly smaller is more effective than a larger one. The 8,500 BTU unit could be rounded down to an 8,000 BTU air conditioner and should cool the area quite satisfactorily.

Heat producing appliances such as refrigerators, ranges, hair dryers, or lighting, large windows, unventilated attics, tar roofs, etc. must be taken into consideration when buying an air conditioner. Failure to factor these heat loads into the formula will result in a unit that cannot do the job. ■

## Where Are Our Grads Now?

GRADUATE	EMPLOYED AT
Tony Amaral	Sears Manchester, NH • <i>Refrigeration Tech.</i>
Domingos Avelino	Hyatt Harborside at Logan • <i>Maint. Mechanic</i>
Peter Belur	National Refrigeration • <i>HVAC Mechanic</i>
Michael Best	Supreme Fuel & Energy • <i>HVAC Mechanic</i>
Joseph DeJordy	The Willows • <i>Maintenance Mechanic</i>
Derrick Drewniany	Mike's HVAC • <i>Service Tech.</i>
Fritznel Exavier	Windsor Meadows • <i>Maint. Mechanic</i>
Elder Galdamez	GE Appliances • <i>Service Tech.</i>
Darren Gaudino	GE Appliances • <i>Service Tech.</i>
Klajdi Hoxha	Kel Tech Contractors • <i>Service Tech.</i>
Leonard Irving	Atlantic Refrigeration • <i>HVAC Mechanic</i>
Edison Kola	Same Day Service • <i>Service Tech.</i>
Paul Lafond	Dispenser Services • <i>Refrigeration Tech.</i>
Mahiri Mendes	Winn Peabody & Cruz • <i>Maint. Mechanic</i>
Joshua Nye	Sears Norwell • <i>Refrigeration Tech.</i>
David Pascal	Venture Tape • <i>Maint. Mechanic</i>
Eric Roach	GE Appliances • <i>Service Tech.</i>
Julian Robertson	L.C. Anderson, Inc • <i>Refrigeration Tech.</i>
Frantzy Saint Surin	Sheraton Tara, Newton • <i>Maint. Mechanic</i>
Ignatius Seepersad	Sears-Norwood • <i>Refrigeration Tech.</i>
Pedro Vargas	Tools For Hire • <i>Computer Tech.</i>
Hugo Velasquez	Windsor Village • <i>Maint. Mechanic</i>

*Congratulations to all!*

## Upcoming Class Schedule

### CURRENTLY ENROLLING FOR:

#### “Full-Time Days”

Major Appliances/ Basic Electricity	Starting Date: 6/27/2006
Domestic Refrigeration & Air Conditioning	Starting Date: 6/27/2006
Commercial Refrigeration & Air Conditioning	Starting Date: 6/27/2006
Computer Electronics & Networking	Starting Date: 6/6/2006

*Full-time day classes are scheduled Monday through Friday From 8:00 AM to 2:00 PM.*

#### “Part-Time Evenings”

Major Appliances/ Basic Electricity	Starting Date: 8/29/2006
Domestic Refrigeration & Air Conditioning	Starting Date: 9/5/2006
Commercial Refrigeration & Air Conditioning	Starting Date: 9/5/2006
Computer Installation & Repair/Networking	Starting Date: 9/26/2006

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

For more information, contact the Admissions Office at (toll free) 888-828-3434. ■

## Notice To Employers

Bay State School of Technology is continually graduating students from the Appliance, Computer and HVAC Programs.

Employers interested in interviewing graduates should contact Linda Lord, Director of Student Services at (781) 828-3434. ■



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