

Newspaper in Education Presents
inquizi **Kidz**
 BROUGHT TO YOU BY MANATEE COUNTY'S MAGNET SCHOOLS & ADULT CAREER & TECHNICAL EDUCATION

Are You Hot?

Discover the Future

Professional Organizations
 North American Technician Excellence
 American Society of Heating, Refrigerating and Air-Conditioning Engineers
 Sheet Metal and Air-Conditional Contractors National Association
 National Comfort Institute
 Refrigeration Service Engineers Society
 Plumbing-Heating-Cooling Contractors National Association

For more career information see your school counselor and get information on-line at:
<http://www.khake.com/page42.html>
 OR
<http://www.princetonol.com/groups/iad/lessons/middle/careers.htm>



Keeping Cool

The Air Conditioning, Refrigeration and Heating Program at Manatee Technical Institute qualifies students as entry-level air conditioning, refrigeration and heating technicians with additional basic skills in energy management and refrigeration transport. The 11-month program is designed for the qualified novice. Students gain the necessary knowledge and skills to diagnose electrical and mechanical malfunctions and to make necessary repairs, replacements or installations of related equipment for both commercial and residential air conditioners. Students graduate from the program with Environment Protection Agency (EPA) and National Association of Home Builders certification and are eligible for North American Technician Excellence (NATE) certification.

Approximately 20 high school and adult students are enrolled in the program and an Advisory Board comprised of community members in the industry plays an integral role in supporting the program. Last year the Advisory Board

purchased technology-allowing instructor John Ferraro to use state of the art teaching tools in his classroom. There is a great demand, especially in Florida, for highly qualified air conditioning technicians. Depending on an individual's certification and skills, air-conditioning technicians earn \$12 - \$16 per hour and up.

For the second consecutive year teams from MTI's air-conditioning technician program are competing at the National SkillsUSA Competition in Kansas City. Erick Hernandez, a 2006 graduate from Southeast High School, is competing in the sheet metal competition and the adult Tech Prep team of David Rimán, Bill

Scanlon, and Aasif Kahn are demonstrating how to change a digital thermostat. Congratulations to MTI's SkillsUSA contestants!



Kidzbiz
A Cool Job Accomplished

David Rimán's mid-career change united his passion with education. After graduating with a degree in forestry he worked as a ranger and horticulture teacher for adults with disabilities before working in a window plant for 19 years. With Workforce Investment Act dollars (training funds for in-demand careers) David enrolled in the air-conditioning program at Manatee Technical Institute in January 2006. David has always had a passion for cars and automotive air-conditioning, teaching himself how to repair his car's air-conditioner. The Air Conditioning, Refrigeration and Heating Program was a natural fit for David. David is excited stating, "There are unlimited jobs available for me when I graduate. I want to provide quality service work for a company in Manatee County." David will graduate with a combination of highly technical skills, hands on experience and EPA certification. He passed three of four sections of the difficult EPA exam with 100%. David is anxious to go to work and will "have no trouble finding a job." Congratulations David!

School biz

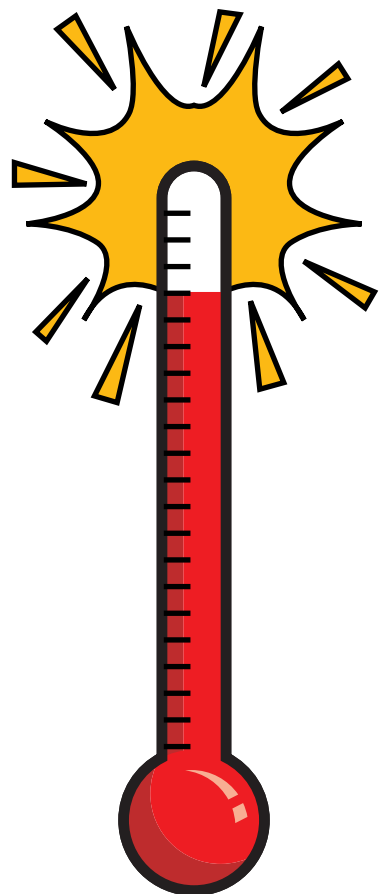
John's Footsteps

Eight years ago John Ferraro moved to Manatee County from New York City where he worked as an air-conditioning journeyman technician with Local Union 638. After working in private industry, John followed his ambitions and began teaching in the air-conditioning technician program at MTI. For John, "the [air

conditioning] industry has been so good to me I wanted to give back and have a positive impact on the lives of young students. I wanted to pass on my knowledge and skills to them. It is incredibly rewarding when students succeed." Technology is a large part of the air conditioning repair business. Florida Power and Light (FPL) demands higher efficiency units and customers want increased efficiency utility bill savings. John ensures his students graduate with the technological skills they need to be successful and save customers money. John has two children who attend high school in Manatee County. They both want to follow in their father's footsteps. His son is interested in motors and technology and aspires to make a career in the automotive technology industry. His daughter plans to become a teacher. What impressive footsteps they have to follow.



explore it



How Important Is Air Conditioning In Florida?

1. Turn off your air conditioner for 48 hours. Assume your thermostat is broken.
1. Research the different types of thermostats? How much does each cost? Why do the costs vary?
2. What are the advantages and disadvantages of each type of thermostat?
3. How much would you pay a trained and certified air conditioning technician to change the thermostat on your unit?
4. How much would you save?
5. What are the benefits of using a certified air conditioning technician?
6. Turn on your air conditioner and enjoy the benefits an air conditioner maintained by a qualified air conditioning technician.

InquiziKidz page is published every Wednesday in The Herald.
 Provided by Newspaper in Education, Education Manager (941) 748-0411 ext. 5031,
 Julie Beacham-Hoie, Ad Designer and © Knight-Ridder Productions, inc.

Ballard Elementary Magnet
 Daughtrey Preparatory Magnet
 Harllee Middle Magnet
 Johnson Middle Magnet
 Lee Middle Magnet



Lincoln Middle Magnet
 Manatee Elementary Magnet
 Rowlett Elementary Magnet
 Tillman Elementary Magnet
 Wakeland Elementary Magnet

<http://www.natec.org>
<http://www.toolbase.org>
<http://www.aceee.org/consumerguide/mostenef>
<http://www.hvacexcellence.org>
<http://www.phccweb.org>
<http://www.skillsusa.org>