



Fall 07

Trade and Industry Adds Continuing Education and More

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Continuing education classes in Cosmetology, Automotive, Welding, Professional Pilot and other areas now supplement Palm Beach Community College's Trade and Industrial Programs lineup, which also features courses customized to specific business and industry needs.

Also offered are entry level vocational certificates in Automotive Service, Diesel Technology, Auto Body Repair, Air Conditioning, Machining and Welding technologies.

Vocational certificate programs for Cosmetology,

Facial Specialists and Nail Technicians have also been developed.

PBCC has recently partnered with industry sponsors to offer Apprenticeship programs in high demand building trades, such as Air Conditioning and Refrigeration, Fire Sprinkler, Masonry, Plumbing, Sheet Metal, Electrical and Carpentry.

Also available, for students interested in the construction industry are college credit skill certificates in Drafting & Construction Technology and Building Construction.



New continuing education Hair Extension class

For those wishing to continue their education, the Industrial Operations Management degree program allows students to receive credit for their vocational classes toward an A.A.S. degree.

Air Conditioning Students Receive Technical and Life Lessons



PSAV Instructor for Heating, Venting, and Air Conditioning, Kirk Hoosac, would rather be in Utah looking at scenery than about anywhere else, except, perhaps, in the PBCC HVAC shop preparing his students to be top-tier air conditioning technicians.

Hoosac has more than 37 years of professional experience running service and his own air conditioning business, as well as

nearly 12 years teaching students in Palm Beach County school's. He was trained in HVAC at Gateway Technical Institute in Pittsburg, Pennsylvania.

Coming aboard at Palm Beach Community College May 15, 2006, Hoosac brought his vast amount of experience to the HVAC program. He has made an impact by implementing his own curriculum, created zone modules, and select-

ing materials and books that made the high-tech topics more easily understood.

"Once I saw all the equipment the school had, I realized I could teach "head-to-head."

He thinks being able to work next to the student

*Air Conditioning
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Construction Management Student Profile

Jeune Mardoche, 32, is a May 2007 graduate of the Building Construction Technology Program at Palm Beach Community College, Lake Worth.

Mardoche is on the cutting edge of a trade degree trend and hopes to benefit with his new diploma. He has interviewed and is preparing to accept an internship in construction document management and building construction with a local public institution. He is anxious to put his skills to work.

While Mardoche doesn't fit the typical college student profile, he does fit the trend seen by those who watch—such as Edward E. Gordon, author of *2010 Meltdown: Solving the Impending Jobs Crisis*, who spoke during a Work Force Alliance Inaugural Summit in West Palm Beach at the Kravis Center on May 31, 2007.

Gordon, a Ph.D. and historian, said there is a severe shortage of tradesmen in the United States. He said job markets have reached the saturation point in professional, white collar trades. According to Gordon, trade education is in vogue, again.

Associate Dean Sal Manuele attended the conference and agrees that Gordon is on target with his comments and students, like Mardoche, will reap the benefit of the shifting demands because of their education at PBCC.

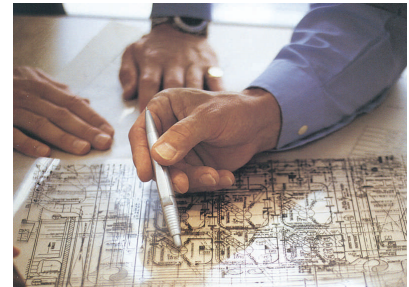
Mardoche said he particularly benefited from the instructors and enjoyed the General Contractor's Prep class where he said he learned, "construction math, scheduling, management—how to manage a job—construction laws, plan interpre-

tation, and basics of surveying."

The Construction (Operations) Program is a 2 year associate degree which allows students with existing construction skills the chance to amplify their job market options by making them knowledgeable in construction management, too.

"They teach you how to do planning on the job—concept

*Student profile
continued on page 3*



Pictured are Automotive Service Technology and Diesel Technology students preparing for a field trip to Tropical Shipping.

Tropical Shipping is a new Program—Business Partner.

Business Partners help keep curriculum up to date by advising PBCC on current industry training needs. If you are interested in becoming a business partner contact the appropriate program manager. Phone numbers can be found on page 4.

For more information on the Automotive Service Technology, Diesel Technology and Auto Body Repair programs go to <http://www.pbcc.edu/tradeandindustry.xml> or call Program Manager Luis Tamayo at (561) 868- 3542

*Student profile
Continued from page 2*

and skills of a job," said Mardoche. "I have learned a whole lot at PBCC. My life has changed completely. I would have missed it if I had not come to PBCC."

He also has high praises for the staff and instructors who he said are always available. "Jose has been a good teacher of what you

really need to know in the field."

Originally from Haiti, Mardoche came to the United States as a teen. He lives in Delray Beach and worked various construction jobs over the years before finally deciding to finish his schooling. He said he likes construction "because he likes building things."

He has plans for the future, too. With a wife and three children he hopes to support them by continuing in the construction field and earning a degree in civil engineering.

"I came with nothing. No knowledge. I only knew how to slam a hammer. I have no problem right now."



Construction Finance Professor
Jose Guardiaro

For more information on the Industrial Operations Management degree and on the Building Construction and Drafting and Construction College Credit Certificate programs visit online at <http://www.pbcc.edu/tradeandindustry.xml> or call Professor Montonen (561) 868- 3213



HAAS SL-20 CNC Lathe

New Entrustment Agreement for Machining Program

Under a new agreement with HAAS Automation, the PBCC Machining program will add a new SL—20 CNC Lathe and a VF—2SS Mill to its already impressive collection.

For more information on PBCC Machining, Air Conditioning and Welding programs, please contact Larry Rutkowski, 561-868-3547 <http://www.pbcc.edu/TradeandIndustry.xml>

*Air Conditioning
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doing the work, watching their hands, and seeing their reaction the first time they experience hands-on activities is the optimum instruction method for HVAC.

Life lessons become classroom lessons. For example, the electric shock is a big lesson for all HVAC students. Hoosac says it is a right of passage—and usually their first and last shock.

Every classroom lesson is preceded by work on state of the art machinery—refrigerators, ice machines, and air conditioners, so that students have a practical reference point for the en-

ergy management, control wiring, and other theory topics.

Working in the best environment with a master

technician as the instructor means students can see first-hand that HVAC is a profession with long-term satisfaction.

Hoosac's professional pride has spilled over into the community. He says the PBCC HVAC grads are a desired commodity among the community partners.

"Now when the partner

calls and I say, 'he's ready,' no questions are asked. The end results are great. When they leave, they are ready..." According to Hoosac, students who show

"I love this trade. I think there is nothing like it."

Kirk Hoosac, HVAC Instructor

good attitude, have good people skills, and are clean cut will be successful as air conditioning service technicians. He constantly teaches expectations of employers and employee standards. Hoosac says the business partners, such as Atlantic Refrigeration, Smyth Air Conditioning, and Smithco Service, depend on

this program.

"Contractors come in here and see what is being done and put the word out," he said.

"Hands on is 90 percent of the training at PBCC. No other county schools teach what is done here."

The central air conditioning portion of the program is the most important, says Hoosac. Nowadays, everything is specialized. In the 3-plus decades of work, Hoosac is able to tick off a litany of specialties on his resume such as big centrifugal compressors, mold and duct work for sick buildings, and energy management.

Trade & Industrial Programs

Program	Phone	Program	Phone
Apprenticeship	561-868-3541	Drafting & Construction Technology	561-868-3540
Automotive, Auto Body & Diesel Programs	561-868-3542	Industrial Operations Management	561-868-3540
Building & Construction Specialist	561-868-3540	Professional Pilot	561-868-3474
Commercial Vehicle Driving	561-868-3542	Machining Technology	561-868-3547
Cosmetology	561-868-3551	Welding Technology	561-868-3547
Commercial Heating & Air Conditioning Technology	561-868-3547	Continuing Education Contract & Customized Training	561-868-3885



Expect More

For More Information Go to www.pbcc.edu

Program Links

[Trade and Industrial Programs](#)

[Apprenticeship Programs](#)

[Automotive and Transportation Programs](#)

[Cosmetology Programs](#)

[Industrial Certificate Programs](#)

[Industrial Operations Management](#)

[Drafting and Construction Technology](#)

[Building Construction Technology](#)

[Professional Pilot Technology](#)

[Hospitality and Tourism Management](#)