A Lasting Legacy

Dr. Orlando J. George, Jr. to retire after nearly 45 years of service to the College

College Expands Aviation Maintenance Program
New powerplant education building named in memory of astronaut Ted Freeman

Graduate Samantha Hurst Named Top Designer
CMYK magazine cites Hurst as one of nation’s best
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MESSAGE FROM THE PRESIDENT

After almost 45 years of service to Delaware Tech, I will be stepping down as your president and retiring on June 30, 2014. Simply put, it’s time! The college is coming off its best year ever. I’m fortunate to enjoy the full support of my board and my health is good. But it’s time to pass the baton to a new generation, to a new leader who will continue to grow and advance the mission of Delaware Tech.

It has been my privilege and honor to lead this great college of ours for almost 19 years. I have loved every minute of serving as your president because of the many opportunities it has given me to help make a difference in the lives of others – our students, our Delaware Tech family and our Delaware community. There can be no doubt that Delaware Tech raises the standard of living for Delawareans and opens doors for its graduates.

The greatest blessing of serving as president is the outstanding and extraordinary group of people with whom I have had the privilege to associate, collaborate and partner: our talented and caring team of faculty, staff and administrators, including the outstanding leadership from my very special President’s Council; our students who come to us with hope in their eyes, hope for a better future; our supportive and passionate trustees; and the many generous and supportive partners in our community who believe in our mission of giving students access to their future – governors, legislators, elected and appointed officials, business leaders, educational leaders, community leaders, special trustees, donors, development council members, legacy society members, alumni and supporters of the College.

You should feel ownership of the many successes, awards and recognitions the College enjoys. You have all been partners in the success of our students and Delaware Tech.

When the College’s accomplishments and successes of the last 19 years are written, all credit should be given to this truly amazing group of people. It has been my good fortune to stand on your shoulders. I thank you for everything you’ve done to support our students, our College and yours truly. Together we have created a set of values and a culture which provides for a safe, supportive nurturing environment – a caring environment which respects and values people.

There is so much to be proud of here at the College, and our star has never been higher in the heavens. Its future is indeed very bright! The core of Delaware Tech is changeless . . . these ideals of access, opportunity, excellence and hope will continue to be at the forefront as the College moves forward to meet the challenges of the 21st century.

Although, as of July 1, I will no longer be your head cheerleader, I will always be your loudest cheerleader! Thank you all very much!

Orlando J. George, Jr.
President
MESSAGE FROM ALUMNI PRESIDENTS

Deborah R. Wertz
Alumni President
Owens Campus

In this edition of Delaware Tech magazine, you’ll find a timeline of President George’s many accomplishments during his 19-year tenure. There’s no doubt that he has had a tremendous impact on every aspect of the institution from financial aid to international education. As Alumni Presidents, we’d like to take a moment to recognize a quality about Dr. George that may not be obvious from the timeline but one that has helped shape the image of the College in the eyes of its stakeholders: he never missed an opportunity to speak one-on-one with students and alumni, and his belief in them and his ability to communicate their stories and their impact on our communities can’t be understated.

Time and time again, during his nearly two decades as president, Dr. George has reminded us that Delaware Tech graduates are the police officers, childcare providers, computer specialists, and auto mechanics who provide the services our families depend on. He knows, perhaps better than anyone, that Delaware Tech graduates are the nurses and the emergency medical technicians who take good care of us and our families when we need them. He has made the case to legislators, business and community leaders, and taxpayers alike that Delaware Tech graduates have the power to shape the economy and future of this state because they’re prepared to meet the needs of Delaware’s businesses. His message has often been punctuated with, “Where would we be without them?”

While dedicating much of his time to championing our graduates, President George also successfully brought the efforts of three campus alumni associations under One College to strengthen our outreach and better support alumni. And he has set into motion initiatives that will further re-energize the College’s relationship with its graduates well into the future.

And so, while we heartily congratulate Dr. George on his well-deserved retirement, we also know that his leadership and his passion for the College, its students and alumni will be sorely missed. The College would not be the success it is today without his tireless efforts.

Best wishes, Dr. George, for a happy and healthy retirement for you and your family!
In December, Delaware Tech became host to Delaware’s largest combined use of rooftop, carport and ground mount arrays with an 800 kilowatt solar installation statewide. The arrays are located at each of the four campus locations. This 2,645 panel project, constructed under a Power Purchase Agreement with Standard Solar, Inc., is expected to produce approximately six percent of the College’s annual total energy needs. The majority of the project’s solar modules, a product of Motech Americas LLC of Newark, were installed by Delaware companies.

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Published by the Division of Institutional Effectiveness and College Relations
Tammy Watkins
Assistant Vice President for Marketing and Public Relations
P.O. Box 897
Dover, DE 19903
tkellywa@dtcc.edu
(302) 857-1689

MISSION STATEMENT
Delaware Technical Community College is a statewide multi-campus community college committed to providing open admission, post-secondary education at the associate degree level. The College offers comprehensive educational opportunities that support economic development and are relevant and responsive to the needs of the community including career, general, developmental, and transfer education; workforce training; professional development; and lifelong learning. The College believes in the practical value of higher education as a means of economic and personal advancement. The College respects its students as individuals and as members of diverse groups and is committed to fostering student success.
Board Member Spotlight

The Board of Trustees of Delaware Technical Community College is the governing body of the institution. All members are appointed by the Governor of the State of Delaware with the consent of a majority of the State Senate. The Board of Trustees sets policy for the College and is responsible for ensuring that the institutional mission is carried out. Among its numerous responsibilities, the Board approves the College plan, is responsible for the management and control of the institution, has the power to appoint administrative and instructional staff, sets the tuition rate, and approves fees and budgets.

In this issue, you’ll find the second in a three-part series featuring interviews with the College’s board members.

Why did you decide to become a board member?
I’ve always been interested in how I can give back to my community. I was particularly drawn to the opportunity to learn about the business of running a college because getting an education had always been very important to me and my family. All four of my children have successfully pursued various degrees. Since becoming a trustee, I’ve really enjoyed the openness of our meetings and the dynamic nature of our board. There is a true commitment by our Board to our students and their success both here at Delaware Tech and afterwards in the working world. In order to keep Delaware Tech graduates competitive, our board is dedicated to keeping the college up-to-date with the latest technology. This dedication and commitment has really kept me engaged in the board’s work. In addition, I appreciate the collegiality and cohesiveness of our board. We pick up the phone and call each other about matters affecting the college.

What do you love most about the College?
Graduation ceremonies. To see all those smiling faces come across the stage knowing how their lives are going to change as a result of their degrees is something I treasure as a trustee. I’m also proud of the work the College does with school districts to try and give young people some idea of a future vocation…some hope for their future that encourages our young people to keep pressing on.

Although born and raised in Washington, D.C., Norman Griffiths has lived in Wilmington since 1983 when he was hired as an attorney in the DuPont Legal Department. His 31-year career there has included the practice of commercial, environmental and energy law, and he is currently serving as commercial counsel for three businesses within the DuPont Chemicals and Fluoroproducts business unit. His lifelong dedication to public service began nearly a decade before joining DuPont when he worked as a D.C. police officer prior to entering law school. Later, he served for two decades on Wilmington’s City Council (1992-2012) first as the Second Council District representative and the last four years as President of City Council.

Norman D. Griffiths, Esq.
Member Since 1997
B.S. American University
J.D. Catholic University/Columbus School of Law
What do you feel is your greatest contribution to the board/College?
I think I bring several perspectives to board discussions as a father who has educated four children; as a public official who has voted for funds and issues that supported education; and as an attorney. All of these roles have come into play at one time or another during my 18 years of service on the board. It has truly been an experience that I greatly value.

How do you enjoy spending your free time?
I really enjoy spending time with my wife of 37 years, Michele, and my family. When I decided not to run again for a City Council seat, I wanted to take some time to focus on my family and my law practice at DuPont before embarking on the next challenge. So for now, my free time is spent relaxing, working around my home, and trying to learn as much as I can about all the new technology that surrounds us.

Dr. Louis F. Owens, Jr. ("Bucky") was born in Columbia, South Carolina and spent his childhood years in Virginia. After graduating from high school, he earned a bachelor's degree from Duke University and a medical degree and his specialty training in diagnostic radiology from the Medical College of Virginia. After 14 years of active duty and six years on reserve duty, Dr. Owens retired as a colonel with the U.S. Air Force Reserves. During those years, he worked as a flight surgeon and a radiologist. In 1984, Dr. Owens began private practice at Nanticoke Memorial Hospital in Seaford, Delaware, as a diagnostic radiologist where he worked until he retired in 2009. He currently serves on the board of Love INC, a Christian organization whose mission is to mobilize local churches to transform lives and communities.

Why did you decide to become a board member?
I came to know Delaware Tech through students who were doing clinical rotations in the hospital and was serving on the College's advisory committee for diagnostic radiology when I was asked to be on the board. I accepted because I had come to understand the value of an institution like Delaware Tech. I knew the quality of the radiologic technology students we were getting in the clinical rotations. In addition, our two daughters were students in Delaware Tech's high school Academic Challenge Program at Owens, and I saw how the program was preparing them for college.

What do you love most about the College?
There are so many things. I admire the faculty and staff because it's very clear they like what they do, and they are always positive and upbeat. I love the energy you feel when you walk on campus. Of course, there's graduation. How exciting it is to see graduates walk across the stage who are the first in their family to go to college and then watch their extended families sitting in the audience cheering them on. It's uplifting and invigorating.

What do you feel is your greatest contribution to the board/College?
I consider myself a team player and have served on other boards in the past, so at times, that has helped me facilitate our work on the board. In addition, as the only board member on the College's first development council, I was able to help create a model that could be expanded statewide. I consider it a privilege to contribute to the impact that Delaware Tech makes in the lives of people throughout the state…and, ultimately, in the quality of life in our communities.

How do you enjoy spending your free time?
I'm a huge Duke basketball fan and love to go to games. Now that I'm retired, I'm also enjoying spending more time with my grandchildren. One of my daughters and her husband have just moved back to the mid-Atlantic from California, so my wife and I look forward to seeing their two children more often. We hope my other daughter and her family who live in Georgia might do the same!
For many of us, the word library conjures up images of rows and rows of books, a place where students go to study in a quiet environment free of distractions. But research tells us that today’s students need a different kind of environment – one that both supports their academic success and reflects the nature of the modern workplace. That’s why Delaware Tech has committed to transforming our libraries into learning commons, high-tech spaces that facilitate collaborative learning, combine several student support services in one convenient location, and satisfy students’ desires to mix social interaction with work.

“In 2012, we were charged with developing a vision for the library of the future – one that would meet the needs of the 21st century student,” says John Buckley, dean of instruction at the Terry Campus and co-chair of the Library Transformation Taskforce. “After much research and planning, our implementation team – which includes members from academic affairs, student services, information technology, building maintenance, and our student body – has guided the renovation of the first of our four campus libraries here in Dover, and the transformation is amazing.”

A Little Noise Is a Good Thing
The first thing you’ll notice upon entering the learning commons is that it’s not a quiet place. Two students are sitting at an island on bar stools quizzing each other on material for an upcoming test. Three others are gathered around a circular couch collaborating on a PowerPoint presentation using two large flat screen monitors that hang on the wall in front of them. Two more are working out a math problem on a white board table. The room is abuzz with chatter – and with learning. “This is one of the biggest changes,” says Dr. Bobbi Barends, dean of instruction at the Owens Campus and task force co-chair. “While each learning commons will maintain a quiet area where students may go when they need quiet study time, the remaining space has been designed to be inviting, comfortable, and encourage social interaction and collaborative learning outside the classroom.”

More Than a Repository of Books
A key ingredient to the learning commons is connecting students to Delaware Tech’s electronic infrastructure. “To support the ways students learn today, it was necessary to transform the library’s collection from one that is predominantly print to one that efficiently uses both electronic and print collections,” says Buckley. This means access to many more computer workstations but also to a whole host of other IT resources that reflect the modern workplace. Students can access presentation technology, printing resources, scanning capabilities and wireless connectivity to work individually or together on group projects. And students have ready access to IT support.

A One-Stop Shop
While the one-stop-shop model has become a significant trend throughout higher education, nowhere is it more important to integrate services for students than in a learning commons. “If we want students to succeed, we have to remove the barriers that interfere with their efforts to master the material. Having to run all over campus for support in various disciplines once they’ve settled down to focus on coursework can impede their success,” says Barends. In addition to traditional research assistance, students will be able to find these key services within the learning commons:

- Technology-enhanced areas where students can collaborate on class presentations and group projects.
- A tutoring center where students can receive tutoring in many subjects.
- A writing center where students can receive help on multi-disciplinary writing assignments and projects.

Feeding the Brain
Entering the new Terry Learning Commons doesn’t require leaving your drink at the door. In fact, unlike traditional library spaces, students are welcome to enjoy food and beverages as long as they do so responsibly. “This is no small thing,” says Buckley. “It’s in line with the social atmosphere that we are trying to create. A learning commons must be inviting, and we all know what a little food can do to boost our energy level and help us complete that important project.”
A new collegewide initiative has created job opportunities for Delaware Tech students that combine helping others, gaining work experience and earning money. The innovative new program, created by President Orlando J. George, Jr., brings student success aides onto each campus.

The aides work up to 29 hours per week around their class schedule in a range of duties that focus on student engagement. Although they are managed through Student Services, students work among several departments, based on needs and their interests.

Student Success Aide Celine Nguyen says the position has initiated the kind of student involvement she had always hoped to find at a college campus. “I feel like I’ve been able to help our students - current, returning, and newly admitted - get a better sense of hope, excitement and direction just by talking to them and seeing how I can help accommodate their school lives with their personal reality,” says Nguyen. She says she would recommend the program for anyone who enjoys networking with their peers as well as faculty and staff.

Lisa Terranova, career services coordinator at the Stanton Campus, says she feels the program is a great opportunity for students to hone leadership skills. “And this group of students is flexible, enthusiastic and willing to learn,” she says.

Since the program’s inception, aides have led campus tours, assisted with campus events, worked with students in the Career Services Centers and Advisement Centers, and helped with student activities. The College plans to continue the program in the future with expanding roles and work assignments.
A degree in biotechnology might not seem to be the best way to prepare to become a restaurant owner, but Leo Cabrera is making it work.

Cabrera, 33, is the owner of Modern Mixture, a Mexican restaurant located on Rehoboth Avenue in Rehoboth Beach. He graduated from the Owens Campus in 2008 with a degree in biotechnology. He continued his education, receiving his bachelor's and master's degrees from Salisbury University.

“When I went to do my master’s I realized I didn’t like to be confined to one place,” Cabrera said. “I like to talk to people and be around people. [As a restaurant owner], I still get to use my degrees. I get to use ingredients to find the right flavor and texture to make some dishes healthier. And I use it for research because I research all of the equipment I have.”

Cabrera is the youngest of six siblings and the first member of his family to receive a college education. He moved to the United States from Mexico City with one of his brothers when he was 16. He believes education is one of the most important things for people to pursue.

“I think education will always bring progress to the area,” Cabrera says. “It’s really important for people to get their education and give back to their community.”

During his time at Delaware Tech, Cabrera remembers meeting a lot of people whom he still considers friends today. He also enjoyed the learning experience and teaching methods of his instructors.

“Delaware Tech was very hands-on,” he said. “I was more prepared for the labs at Salisbury while other students were more prepared to take notes.”

Now that he is in a position to give back, Cabrera hopes to do so at Delaware Tech. Last year he provided food for the post-race party at the Owen’s Campus Cinco de Mayo 5K. He also participated in several Rehoboth Beach charity events with other local restaurants.

During the summer, Cabrera manages five to seven employees while working most of each day himself. He said he is always looking to expand his menu and is looking for new ways to make his recipes more efficient and healthier without losing flavor.

Modern Mixture is located at 62A Rehoboth Avenue in Rehoboth Beach, and can be found online at www.modern-mixture.com.

For more information on the biotechnology degree program, visit go.dtcc.edu/biotech.

“I think education will always bring progress to the area,” Cabrera says. It's really important for people to get their education and give back to their community.”
What came first? The chicken or the egg? For alumni Terry L. Pepper whose lifelong career in public service began with a degree from Delaware Tech, it was the chicken...or more specifically the chicken coop. A member of the Terry Campus’ first graduating class of the Police Science Program in 1976, Pepper began his criminal justice studies in the famed chicken coop before moving to what is now the Terry Campus to finish his associate degree.

“Delaware Tech was an affordable option that allowed me to work and put myself through college, and it had the degree that I needed,” Pepper explains. In 1965, when his father became a police officer, it inspired him to join law enforcement. After graduating from Dover High School, he enrolled in the College’s criminal justice degree program to pursue his dream of becoming a police officer.

Pepper later went on to graduate from the Delaware State Police Academy and to earn a bachelor’s degree in marketing/business administration from Delaware State University. Now a retired Delaware State Trooper, he is currently the policy advisor to Delaware Department of Safety and Homeland Security. He has also held several prominent positions including policy advisor/liaison to local governments for the Minner administration and executive director of Delaware Crime Stoppers.

A lifelong Delawarean, Pepper has lived in Kent County for more than four decades with his wife Valarie Coyle Pepper. His connection to Kent County and aptitude for public service made running for democratic commissioner at-large for Kent County Levy Court a natural progression. And it wasn’t the first time he ran. Locals may recall he served his first term from 1994-1998.

“In 2010, people told me I should run for office again. My main reason for running for Levy Court was to give back to the community. Levy Court is the office closest to the people.”

Election to a second term gave Pepper the opportunity to give back to the community tenfold. Notable projects he spearheaded include the construction of the Kent County 911 Center, preservation of farmland, and upgrade of the wastewater treatment plant. He has also been able to bring an economic development staff member on board which he is very excited about.

“I think the small businessman is the future of Kent County. This will open the door for people to start their own business.”

Helping people is what Pepper considers to be the best part of his job. He assists local members of the community with everything from minor problems such as garbage pick-up to major problems like disasters including fires and flooding. He admits there’s nothing more satisfying to him than helping people get back on their feet.

Pepper’s commitment to public service appears to be a genetic trait. His daughter Lauren Cusick is a teacher, and daughter Heather Pepper is a state trooper. He couldn’t be more proud of them and considers his family to be his greatest personal accomplishment...and that family is growing. He recently became a grandfather to grandson Colin, who joins big sisters Mackenzie and Brooklyn Cusick.

Pepper’s personal life and professional career has come full circle and he credits Delaware Tech. “My whole life is comprised of building blocks and Delaware Tech is one of them. Delaware Tech opened doors and gave me the opportunity to pursue a career in public service.” Terry L. Pepper’s distinguished career is one of the many reasons why he was selected for the College’s distinguished alumni award. He was formally honored on April 3.
Visual Communications Graduate Named in Top 100 Designers

Pictured are samples of Samantha Hurst’s work. To view more, visit her website at samhurst.com.
When Visual Communications Instructor Patti Bishop heard that her former student Samantha Hurst had been honored by CYMK Magazine as one of the top 100 designers in the country, she felt nothing but pride. “She’s one of our shining stars,” she says. CYMK Magazine is a highly-respected independent design magazine that features award-winning work from designers and creative professionals.

Hurst came to Delaware Tech’s Terry Campus directly after graduating high school, receiving a full scholarship. She had always wanted to do some type of visual work and enrolled in advertising design in Delaware Tech’s visual communications program. “The projects they gave us enhanced my creative, conceptual, and technical abilities far more than I ever thought they would,” says Hurst. “This program was the best foundation for design I could have ever asked for.”

Hurst says she also appreciated the supportive environment. “I had no idea what to expect going in, so I was pleasantly surprised to find such incredibly passionate, knowledgeable and truly caring teachers. They believed in me and my abilities and always pushed me to do better because they knew I could.”

She found mentors in her instructors such as Bishop, as well as Department Chair Ron Pleasanton. “We are very excited for Sam and the opportunities this honor portends,” says Pleasanton. “She made our program better by being in it, and we hope we made her better, too.”

The visual communications program, which has been in existence for about 20 years, has grown from a handful of students to nearly 200. Students like Hurst have gone on to work in the field or continue their education at top design schools. “Our students are well-regarded in the community, nationally and even internationally,” says Pleasanton.

After graduating from Delaware Tech in 2011 and winning the Best in Advertising Design Portfolio Award, Hurst went on to Moore College of Art & Design in Philadelphia where she studied graphic design and illustration and graduated as the class of 2013’s valedictorian.

Soon after, she found her current job as a junior designer at Bailey Brand Consulting where she is enjoying honing her design and illustration skills. “I feel like I’m getting such great experience here at Bailey because they care very much about mentoring younger designers,” she says. In addition to her job, she also does freelance design work and wants to start her own business in the future. For now, she is learning the ropes and enjoying the journey.

To those who may want to enter the field of visual communications, Hurst’s advice is to work hard and love what you do. “I never had a weekend off in the time that I was in college because I cared very deeply about my work and wanted it to be the best it could be,” she says. “Put everything you have into it, and then share it with others, get feedback, and challenge yourself to make it stronger.”

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Visual Communications

The Visual Communications program at Delaware Tech is offered at the Terry Campus in Dover. Degrees are offered in three areas:

- **Advertising Design:** Gain the knowledge and skills necessary to prepare for a successful career applying creative commercial and graphic arts solutions for the promotional needs of the publishing, printing or advertising industries.

- **Multimedia:** Develop the skills to design, produce and present creative solutions to communication problems through web and other electronic media. The program blends the visual formats of photography, video, web and graphics.

- **Photo Imaging:** Learn to create sophisticated images required by today’s electronic media. Learn the skills and experience necessary to use traditional, digital and computer-aided photography to create images that meet modern standards for presentations and publications.

For more information on the visual communications degree programs, visit go.dtcc.edu/programs.
Delaware Tech Helps Veterans Be All They Can Be

As military men and women begin the next chapter of their lives, entrepreneurship is an appealing option. In fact, according to the Kauffman Foundation, 45% of veterans start their own businesses after their military service is completed. Veterans’ commitment to excellence, attention to detail, strategic planning skills, and focus on success are the same traits that make business owners successful.

Recognizing this, Delaware Tech’s corporate and community programs division recently began working with the nationally-recognized Kauffman Foundation FastTrac programs to offer veterans – and others – the opportunity to learn how to start and grow a business or idea. The Kauffman Foundation is devoted to advancing entrepreneurship as one of the fundamental aspects of life in the United States.

Delaware Tech partnered with the Delaware Economic Development Office (DED) to offer Kauffman FastTrac New Venture training which is geared to aspiring and early stage entrepreneurs, providing them with the information they need to make their business idea successful. In fall 2013, the 30-hour program was offered at Delaware Tech campuses statewide and served about 21 veterans.

One of these veterans was Delaware Tech entrepreneurship student John Stroud. Stroud, a U.S. Navy veteran, took the course at the Stanton Campus. Combined with his classwork, he said the course was valuable in helping him to focus on the real-world aspect of starting a business, and he especially appreciated the interaction with other veterans.

“The course allowed us to learn leadership skills and connect with our fellow veterans,” said Stroud. “The Kauffman name has national recognition that will be helpful for me in the future as I go out in the world.” Stroud will graduate in May 2014 and is looking forward to putting what he has learned at Delaware Tech and through the Kauffman Foundation into practice.

This spring, the College offered FastTrac classes statewide once again, with a veteran-centered course offered centrally at the Terry Campus. The veterans course offers the same content as the regular FastTrac New Venture, with more emphasis on resources for veterans.

Chris Moody, director of corporate and community programs at the Owens Campus, said the College plans to continue offering the courses and will soon add FastTrac GrowthVenture, targeted to existing entrepreneurs planning to scale their business.

“I think it’s important that we offer this program to veterans in Delaware,” said Moody. “We recognize the sacrifices made by those who have served our country, and are glad we can give back in this way.”

For more information, visit go.dtcc.edu/veterans.

“The Kauffman name has national recognition that will be helpful for me in the future as I go out in the world.”

- John Stroud
Delaware Tech celebrated National Manufacturing Day on October 4, 2013 by sponsoring workshops on campus and tours of local manufacturing businesses for students studying engineering technology, electromechanical, construction management, biotechnology and computer information systems at the College.

National Manufacturing Day creates awareness of today’s modern manufacturing industry and highlights the high-tech, efficient environment. Careers in manufacturing require skilled employees who work on state-of-the-art equipment. Gone are the days of dim, hazardous factories with low-skilled workers. Today’s manufacturing industry requires highly-trained employees with knowledge of automation, 3-D printing, robots and screen technologies. Highly-skilled employees are in demand in high-paying manufacturing jobs locally and nationally.

“Modern manufacturing requires new skills such as the ability to manage many processes at once and perform statistical analysis. Technicians can no longer depend on a single skill set,” says President George.

“Mathematics, computer, electrical, and mechanical skills overlap and technicians are expected to troubleshoot, problem solve and make recommendations.”

The students participated in a three-hour “Lean Manufacturing” workshop led by Delaware Manufacturing Extension Partnership (DEMEP) field agents. Lean Manufacturing refers to processes that eliminate waste, provide value for the customer, and increase a company’s competitiveness.

Students also toured local modern manufacturing facilities including PPG Industries Inc. and Beracah Homes, Inc. Participants received a certificate of attendance upon completion of the workshop.

A broad coalition of partners including Delaware Technical Community College, Delaware Manufacturing Extension Partnership (DEMEP), the Delaware State Chamber of Commerce and the National Institute of Standards and Technology (NIST) provided support for National Manufacturing Day.

Bob Boyles of PPG Industries, Inc. provides Delaware Tech students a tour of the manufacturing facility.

National Manufacturing Day
Celebrating Modern Manufacturing
The United States Air Force is the only branch of the military that offers an associate degree to its members, and a Community College of the Air Force degree is now a requirement to obtain Senior Master Sergeant and Chief Master Sergeant ranks. Yet finding the time to complete a degree remains a challenge to airmen who are already juggling work and family responsibilities, especially to those men and women serving at the Delaware Air National Guard (DANG), a reserve component of the United States Air Force.

To address these challenges, the 166th Airlift Wing partnered with Delaware Tech to bring the College’s programs and services directly to DANG’s New Castle base during hours convenient for its members.

In the fall of 2013, two academic counselors, Mike McCloskey and Wilford Oney, visited the base and gave an orientation and information session and then assisted the attendees with the admissions and registration process. The program was a success with 23 individuals completing an oral communications course. For five of them, it was the final course needed for degree completion. The College added a second course (psychology) on-site for the spring semester to help meet the CCAF degree requirements. Additional course offerings are planned for the future as the program grows.

In recognition of this successful partnership, the Delaware Air National Guard invited President George, as well as Frances Leach, assistant campus director of the Stanton/Wilmington Campus, McCloskey and Oney, and other members of the administration to a special ceremony which took place in February.

At the ceremony, Francis P. Pollock, Lt. Col, United States Air Force, said that he was impressed with Delaware Tech’s commitment to veterans and “can-do” attitude when it came to creating the program. He hopes it will become a benchmark nationally for the Air National Guard. “The thing this does for students is take all of their excuses away,” said Pollock. “It makes getting to the finish line that much easier.”
Higher Education Partnership Provides Research Opportunity

For the past 10 years, a collaboration between Delaware Tech, University of Delaware, Delaware State University and Wesley College through Experimental Program to Stimulate Competitive Research (EPSCoR) grants from the National Science Foundation has provided education and research opportunities to students in the areas of science, technology, engineering and math (STEM). One of those students is Delaware Tech’s Michael Griner.

Griner, a computer information systems student and a Who’s Who Among Students Award nominee, was offered an internship with the University of Delaware (UD) as part of the latest EPSCoR grant, which is focused on energy, water and the environment. For 15 weeks, he worked with a team of researchers at UD’s Laboratory for Experimental & Applied Economics to assist them with various programming tasks including customizing the graphical user interface, writing the logic for the programs, exporting/importing and managing data, testing, and optimization. He also worked closely with a doctoral student to examine how incentive mechanisms are designed to create coastal protection systems through voluntary action of coastal landowners.

Griner was recently recommended for an extension of his internship by Dr. Kent Messer, Unidel Howard Cosgrove Chair for the Environment and director of the Laboratory for Experimental & Applied Economics. “I have worked with undergraduate students for nearly 20 years at UD, Cornell University and the University of Michigan, and I would easily rate Michael in the top one percent of all the undergraduates I have encountered,” says Messer.

Griner acknowledges that this opportunity has given him the chance to practice what he’s learning in a hands-on, real-world scenario. Along with the internship, he also enjoys tutoring Delaware Tech students. After he graduates from Delaware Tech in May, he plans to pursue a bachelor’s degree in computer science and math at the University of Delaware. In the future, he hopes to start his own software company and possibly teach.

For more information on the computer information systems program, visit go.dtcc.edu/cis.
When Orlando J. George, Jr. became Delaware Technical Community College’s fourth president in 1995, no one knew the institution or understood its history better than he. The College had only been open for two years, when he began his career in 1969 as a mathematics instructor. By the time he articulated his vision for “access, opportunity, excellence and hope” at his presidential inauguration, he had served the College for more than two decades.

Now after 45 years of service to Delaware Tech, Dr. George has announced his intention to retire on June 30, 2014. The realization of his vision has given hope for a better future to tens of thousands of Delawareans and established the College as a lynchpin in the state’s workforce development efforts. Countless new degree and training programs have been introduced over the past two decades in response to the specific needs of business and industry and several new instructional facilities have been built to house those programs.

Yet Dr. George’s influence in his 19 years as president goes beyond brick and mortar improvements. He made providing access to higher education a priority. He championed excellence in instruction, technology and student success. He believed in recognizing and providing opportunities for the College’s dedicated faculty and staff and instituted professional development and award programs. And he demonstrated a commitment to serving the community, creating meaningful partnerships and remaining accountable to stakeholders.

The College achieved many important milestones and accomplishments during Dr. George’s tenure as president. While it is impossible to identify all of them, those reflected in this timeline are a tribute to his presidency. Thank you, Dr. George, for your incredible service to Delaware Tech.

“A LASTING LEGACY

“It has been my privilege and honor to lead this great college of ours for 19 years,” Dr. George says. “I have loved every minute of serving as president because of the many opportunities it has given me to help make a difference in the lives of others...our students, our Delaware Tech family and our Delaware community. There can be no doubt that Delaware Tech raises the standard of living for Delawareans and opens doors for its graduates.”

Dr. Orlando J. George, Jr.
President, Delaware Technical Community College
1995

Having served as mathematics instructor, department chair, assistant to the campus director, dean of instruction, assistant campus director, and vice president and campus director, Dr. Orlando J. George Jr. becomes the fourth president of Delaware Technical Community College.

The One-College Matrix Structure is established to create a system of shared participation, responsibility and accountability in decision-making processes to unify four campus locations and produce a set of common goals, collective resources and enhanced outcomes.

1996

The first annual statewide Employee Recognition event is held to recognize the achievements of faculty, staff and administrators.

1997

The Faculty Mentoring Program is established to connect faculty members with experienced mentors to build leadership qualities, increase educational opportunities and provide valuable support.

The first Child Development Center opens at the Owens Campus to provide a teaching and learning lab for early childhood education students and childcare for students, staff and community members.

The College launches its first Collegewide capital campaign “Excellence Through Technology” and exceeds its $4.4 million goal to ensure that the College's graduates are job-ready with the hands-on technical experience employers need.

1999

Delaware Tech is named Community College of the Year by the National Alliance of Business in recognition of the College's excellence in supporting and improving workforce competitiveness.

The Delaware Manufacturing Extension Partnership (DEMEP) is established to support small- and medium-sized manufacturers in the state by providing programs to help them reduce costs and increase competitiveness.

A Leadership Development Program is created to provide opportunities for professional growth and development to full-time employees; today over 116 employees have participated and 75% of the College's administrators are graduates of the program.

The Excellence in Teaching Award and Excellence in Service Award are established to recognize outstanding faculty and staff, respectively.
2000

The College is awarded the *Bellweather Award for Instructional Programs and Services* for the creation of the Educational Technology Certificate Program designed to help instructors infuse technology into their classrooms.

The *Pacesetter of the Year* award is presented to Dr. George by the National Council for Marketing and Public Relations, District I for his leadership and support of marketing and public relations initiatives.

The College holds its first major *gala fundraiser* at the Owens Campus. Two more annual galas are later established at the Terry (2004) and Stanton/Wilmington (2005) campuses. Thanks to the generosity of local communities and businesses, the three annual events have raised funding for student scholarships and academic support services.

2002

To address the state’s nursing shortage, Delaware Tech embarks on an *expansion of its nursing program* with funds from the state. From 2003-2013, the number of PNs and RNs entering the workforce doubled as a result of the expansion.

2005

The *Student Excellence Equals Degree (SEED)* Scholarship is established by Governor Minner to provide free tuition to eligible high school graduates; SEED has served over 5,800 Delaware Tech students since its inception.

2007

The College is chosen as one of the great places to work in Delaware by its own employees and is recognized in The News Journal’s “*Best in the Business*” feature.

The *Legacy Society* is launched to recognize individuals who contribute cumulative lifetime gifts of at least $50,000. Dr. and Mrs. George are members of the Legacy Society.

2008

Delaware Tech receives the *largest donation in the history of the College* from Mrs. Blanche Baker and her husband Ray, daughter and son-in-law of the late U.S. Senator John J. Williams and his wife Elsie. The Baker’s donated two parcels of land valued at $6.5 million.

2009

The College receives the *Council for Higher Education Accreditation (CHEA)* Award for excellence in assessment of student learning.
2010

Delaware Tech introduces **nine new academic degree programs** in the course of a year in response to the needs of Delaware's business and industry.

The College commits to reduce its **carbon footprint** 20% by 2020; at that time, only 1% of community colleges had committed to such a drastic reduction in energy use.

The **Center for Creative Instruction and Technology** is established to enhance teaching and learning at Delaware Tech through the promotion of a systematic approach to the design, development, and implementation of technology solutions in the learning environment.

2011

The **Excellence in Student Success Award** is created to recognize employees who exemplify the highest standards of excellence and commitment in promoting and supporting student success.

Delaware Tech signs the American Association of Community Colleges **National Call to Action**, committing to raise the College's graduation rate 50% by 2020, and creates a host of student success initiatives including Learning Communities, Welcome Week, Front Door Experience, an Advisement as Teaching Model, the Student Educational Plan, a student employment program, adjunct student engagement, and service learning.

The **Center for Industry Research & Workforce Alignment (CIRWA)** is established in close partnership with local businesses, government, and academia to deliver future-focused labor-market data and workforce information. This information will enable the state's educational institutions to make proactive and flexible decisions in response to the evolving workforce needs of Delaware's competitive industries.

2013

The College receives reaccreditation from the **Middle States Commission on Higher Education** and is commended for the quality of the self-study process.

Delaware Tech becomes the first community college in the nation to host **“1 Million Cups,”** the national Kauffman Foundation program dedicated to engage, educate and connect local entrepreneurs.

A statewide **Public Safety Constable force** is created to ensure continued safety on the campuses.

2014

The College dedicates the **Theodore C. Freeman Powerplant Education Building** as a premier facility to support expansion of the aviation maintenance program to include the powerplant (engine) maintenance component.

The third of **three energy education facilities** – one in each county – is completed. The first two facilities have already earned the prestigious **Leadership in Energy and Environmental Design (LEED) Platinum certification** by the United States Green Building Council for their practical green building design and construction.

Credit enrollment increased Collegewide from 10,409 in fall 1995 to 14,496 in fall 2013.

~-

95% of 2013 graduates are employed or continuing their education.

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Dr. George will be honored at a ceremony at the Chase Center on the Riverfront in Wilmington, Delaware on June 9, 2014.

**Proceeds from the event will benefit student scholarships.**
As construction work begins to pick up across the state and the country, the impact on the environment is a major concern. That’s why environmental engineering technology is an important program at Delaware Technical Community College – and a growing one.

“It’s a major for someone with a background in science and math and a true concern for the environment and environmental issues,” says John Roach, department chairperson for the civil and environmental engineering technologies at the Owens Campus. “It’s a very, very hands-on and applied curriculum. We try to show why we do things.”

Students in this program learn about a variety of environmental procedures such as sampling, assessment, design, result recording, and analysis. They study rock, water, and soil samples; water quality; and environmental impacts on construction sites through state-of-the-art laboratory equipment and field experiences. Instructor Bethany Krumrine says she makes it a priority to take her students out into the field as soon as possible so they know what to expect. “They’re getting on-site training,” she says. “I’m teaching them like I would train employees.” In the past, field locations have included wetlands, the Indian River Power Plant, an operational landfill, a mulch operation, and construction sites.

“Through feedback from our program advisory committee, which is comprised of local employers and experts in the field, we know we need to prepare graduates who have a strong engineering technology background with an emphasis on surveying so they can study 10-year flood elevations. This program mixes in a lot of civil engineering with some biology to help the student become a well-rounded engineering technician,” says Roach.

Once they graduate, students can expect to work as environmental engineering technicians, compliance technicians, laboratory technicians, consultants, or construction managers. For those who want to continue their education, there is currently a connected degree with Wilmington University that allows graduates to transfer seamlessly as a junior to pursue a bachelor’s degree in organizational management.

The College is working with other institutions to offer additional articulation agreements.

For more information on the environmental engineering technology program, visit go.dtcc.edu/eet.
A dozen chemical process operator (CPO) students from Delaware Tech’s Stanton/Wilmington Campus had the opportunity to see first-hand what they are learning about in class during an exclusive, behind-the-scenes tour of the Delaware City Refinery. PBF Energy, owner of the Delaware City Refinery, is one of the largest independent petroleum refiners and suppliers of unbranded transportation fuels, heating oil, petrochemical feedstocks, lubricants, and other petroleum products in the United States.

Operations Business Team Leader at the Delaware City Refinery Brian Miller led the group on an extensive tour, with stops at a process area control room and several of the operations units. During the visit, Will Messick, a 2012 graduate of the CPO program and operator at the refinery, shared his experiences of applying what he learned at Delaware Tech to his current job. “The CPO program at Delaware Tech broadened my thinking and gave me a leg up in my career path,” he told the group. Messick is continuing his education in operations management and says that education is key to his personal and professional success. The tour concluded with a question and answer session with Miller and Messick.

Robert S. Weis, Delaware Tech’s CPO program coordinator, says the field experience reinforced the technologies that the students learn about in class. “The students were very impressed and were all eager to learn more about job possibilities at the refinery.”

For more information on the chemical process operator degree program, visit go.dtcc.edu/cpot.
When Kymberlie Kelly, a civil engineering technology instructor at Delaware Tech’s Stanton Campus, saw an opportunity to help engineering technology students find jobs after graduation, she jumped at the chance.

Thanks to the efforts of Kelly and several of the College’s engineering technology instructors, an idea for the First Annual National Engineers Week Career Fair at Delaware Tech was transformed into a successful event this past February. The event aimed to increase job placement collegewide in architectural, civil, construction management, environmental and surveying engineering technologies by exposing students to potential employers, professional organizations and networking opportunities. It also included area middle and high school students in hopes of attracting new students to the College as well as Delaware Tech students who had yet to choose a program of study.

In addition to helping to launch the Career Fair, Kelly is currently completing a postbaccalaureate certificate in geographic information systems (GIS) at Penn State’s World Campus and hopes to bring a GIS program to Delaware Tech.

Kelly has always loved teaching and helping others. She is an alumni of the College’s computer-aided engineering, drafting and design (CAD) program and says her instructors predicted she would be back at Delaware Tech to teach one day. After continuing her education and working in the field for several years, she did just that.

At the Stanton Campus, she teaches several courses in civil and environmental drafting and design, surveying principles, CAD and GIS and serves as an advisor for the civil engineering technology program and the surveying and geomatics option. She says she most enjoys working one-on-one with students and seeing their eyes open when they really “get” a concept. “I have a very hands-on teaching approach,” she says. “I focus on problem-based learning and real-world applications. My students work with real plans and get to design and develop from start to finish.” These students will undoubtedly have a leg up at next year’s Career Fair where they will be able to use what Kelly has taught them to land that perfect job.

For more information on the engineering technology programs, visit go.dtcc.edu/programs.

High-Tech Instruction for Better Learning Outcomes

Technology doesn’t have to be intimidating. That idea was the inspiration behind Monica Burns’ “Class Tech Tips” blog (ClassTechTips.com), a resource she was inspired to create for fellow educators to help them incorporate technology into their classrooms. Burns is a Delaware Tech adjunct instructor and one of Apple’s Distinguished Educators, a global community of education leaders recognized for doing amazing things with Apple technology in and out of the classroom. That includes working with each other – and with Apple – to bring the freshest, most innovative ideas to students everywhere.

Burns found that she loved to teach others about how to incorporate technology into the classroom and left her job as a New York City public school teacher to begin consulting on the subject. She recently joined Delaware Tech as an adjunct instructor in the College’s Center for Creative Instruction & Technology (CCIT) division. She teaches an online course called “Classroom Technology Tips” where she shares classroom technology with Delaware Tech instructors from across disciplines. Some examples include screencasting from both iPads and laptops and using tech-friendly assessment tools such as Socrative and Nearpod. She also offers virtual office hours through Google+ Hangouts, a free videoconferencing call through Google+ which allows users to share documents or their screen with others.

Monica says that the technology can be adapted to any subject and the instructors get the chance to do so in their assignments. “I always encourage instructors to start small at first by choosing at least one different form of technology each month,” she says. “If that particular form works for them, they can use it in their classes. If not, then they can move on to the next one.”

Burns’ Recommended Apps

- **Educreations**: A free screencasting app for the iPad. With this app, educators can record a video as they write on a blank screen or annotate an image.
- **LifeNoted**: An Apple app that helps students with scheduling by integrating a calendar, notes and pictures.
- **DocScanHD**: This app allows a user to snap pictures of documents and turn them into shareable PDF files; you can also upload directly to a Dropbox.
Meet Ken Mecham – energy management expert and entrepreneur, master electrician, national presenter, and Delaware Tech instructor. “He’s just the kind of talent we recruit for, so that students can learn from someone who has lived and breathed the material they are learning,” says John Buckley, dean of instruction at the College’s Terry Campus. “Ken Mecham is that person.”

Mecham has been an instructor in the Terry Campus energy management program since 2011. Prior to Mecham’s arrival at Delaware Tech, he owned his own electrical and mechanical contracting business in Virginia and spent 17 years in the public sector managing municipal utilities in both Delaware and Arizona. His experience, as both a business owner and utilities manager, has enabled him to provide his students with the first-hand knowledge and skills necessary to build upon existing energy-efficient technologies.

Not surprisingly, Mecham’s passion for energy management extends well beyond the classroom. He serves as a member of the Association of Energy Engineers and past board member for the American Public Gas Association and has presented at national conferences for the American Public Power Association, the American Water Works Association, the Water Environmental Federation, and the American Public Gas Association. Just recently he presented a paper entitled “Community College Partnerships with Industry: Providing the Need for Well-Trained Workers” at a global conference for the American Council for an Energy Efficient Economy (ACEEE) which serves to advance energy efficient policies, programs, technologies, investments and behaviors.

Mecham’s career has been built on a solid educational foundation. He earned a bachelor of science degree from St. Paul’s College and a master’s in economics from Virginia State University. In addition to his degrees, he holds an energy management certification from the Northwest Energy Education Institute (NEEI) and maintains his tradesman registration as a master electrician, master plumber and master HVAC technician.

When asked about the best part of his current teaching job – besides teaching in a state-of-the-art facility – Mecham says, “It’s the a-ha moments” when students connect with the energy concepts presented in his lessons. “When students grasp the concepts, it gives them a better understanding of how to build our green economy and do the right thing for our planet in a cost effective method.”

For more information on the energy management program, visit go.dtcc.edu/em.

Current Energy Courses

- Lighting Fundamentals
- Residential/Light Commercial Energy Analysis
- Energy Accounting
- Commercial Energy Use
- Lighting Applications
- Introduction to Energy Management
- Construction Industry Standards
- Concepts of Solar Thermal Design

Building Automation Systems

A new Building Automation Systems (BAS) program – made possible by the TAACCCT 3 grant – is slated for fall 2014. The two-year associate degree program will focus on integrated energy management principles for HVAC, lighting and security.

– Mecham says, “It’s the a-ha moments” when students connect with the energy concepts presented in his lessons. “When students grasp the concepts, it gives them a better understanding of how to build our green economy and do the right thing for our planet in a cost effective method.”

For more information on the energy management program, visit go.dtcc.edu/em.
On February 18, 2014, on what would have been Ted Freeman’s eighty-fourth birthday, Delaware Tech dedicated the College’s newest aviation maintenance facility in his honor. Although Freeman’s life was tragically cut short, the story of a local boy who achieved his dream of becoming an astronaut continues to inspire those involved in aviation today.

The new Theodore C. Freeman Powerplant Education Building has allowed Delaware Technical Community College to expand its existing aviation maintenance program to include the powerplant (engine) maintenance component of aviation technology. When combined with the existing airframe maintenance technology curriculum, which began at the College in 2009, this new program will prepare graduates to become FAA certified in both areas of aviation maintenance. The dual certification of airframe and powerplant, called A&P, prepares graduates for an exciting and rewarding career while satisfying a crucial need for these professionals in the aviation industry statewide.

The $1.4 million building was constructed using private and state funds on land donated by Sussex County. An additional $1.1 million in equipment was provided through federal and state sources. The facility offers over 9,800 square feet of classroom and hands-on learning space and is equipped with the latest technology related to aircraft powerplant maintenance.

Delaware Tech President Dr. Orlando J. George, Jr. addressed the crowd at the dedication. “Programs like this are investments … investments in people, in Sussex Countians, in Delawareans, and in our business community. The people of Sussex County and throughout Delaware can take great pride in seeing all of us working together for the betterment of our County and State.”

The dedication ceremony also included remarks by Governor Jack Markell and Delaware Economic Development Secretary Alan Levin, as well as a videotaped message from Senator Tom Carper. At the conclusion of the program, a mural was unveiled in the building’s main hallway entitled, “On the Wings of a Dream, the Ted Freeman Legacy,” chronicling the extraordinary life of Ted Freeman.

“It is Ted Freeman’s legacy that we are entrusted with today through the naming of this wonderful educational facility for the men and women who will do the all-important job of maintaining and repairing aircraft,” said Dr. Ileana M. Smith, vice president and campus director of the Owens Campus. “We want all to see the beautiful parallel that we see between the college mission of giving hope and opportunity for students to work hard, stay the course, and achieve their goals and the inspiring legacy of a local boy, who reached beyond the stars, on the wings of his dream.”

For more information on the airframe maintenance technology program, visit go.dtcc.edu/programs.
Theodore C. Freeman was born in Haverford, Pennsylvania, on February 18, 1930, and moved to Lewes, Delaware when he was 15 months old. As he grew up, flying was an important part of his life; he saved money, not for candy or movies, but for airplane rides. He hung around the Rehoboth Airport during World War II, interacting with anyone involved in aviation, especially those involved in the Civil Air Patrol and pilots who worked spotting submarines for the Air Corps (forerunner of the U.S. Air Force).

After the war, 15-year-old Freeman and his best friend, Joe Hudson, spent so much time at the airport that they were asked to work there. The teens were paid 20 cents an hour to replace the covering on airplanes, re-fuel them and wash the propellers. Ted began piloting airplanes, initially with no official license to fly. On his 16th birthday, he earned his pilot’s license with 450 hours of flying time already acquired.

During high school, Freeman and Hudson worked as spotter pilots searching for schools of menhaden for the Fish Products Company of Delaware in Lewes, owned by Otis Smith. They flew over the Delaware Bay and dropped bottles alerting the fishing vessels below to the locations of schools of menhaden. They also piloted Smith to all his fisheries from the tip of Long Island, N.Y. to Florida.

In 1960, the University of Michigan awarded Freeman a Master of Science degree in Aeronautical Engineering. He was promoted to Captain in the USAF, and, after two years of test-flying experience with advanced and high-performance aircraft, he was one of 14 candidates to graduate from aerospace school at Edwards Air Force Base, California in the spring of 1963. That fall he was selected by NASA as one of 14 astronauts for Projects Gemini and Apollo. A news release of the day noted the “new astronauts will be called upon to plant the Stars and Stripes upon the moon.”

On October 31, 1964, Captain Freeman chose to make up routine flight hours near Ellington Air Force Base, Houston. Unexpectedly encountering a flock of snow geese, one smashed into the canopy of his T-38A Talon jet, sending pieces of plexiglass into both engines. The engines failed, and when he realized he wouldn’t clear military homes (some of which housed fellow astronauts), he desperately banked away from the houses. This unselfish act cost him his life. By the time he ejected, he was too low and going too fast for the parachute to fully deploy. (At that time, zero-eject parachutes were just under development.) He became the first American astronaut to lose his life in the country’s quest for the moon.

All 28 astronauts, including newly retired astronaut John Glenn, were in attendance at the funeral in Houston and burial in Arlington National Cemetery. It was the last occasion in history when all of NASA’s astronauts were gathered in the same place at the same time.

Described by his peers as an outstanding pilot, perhaps one of the best in the astronaut corps, he was highly regarded at NASA by those who determined future projects and flight crews. Considering the esteem in which he was held, it seems virtually certain that Captain Freeman would have flown to, and walked on, the moon.
Delaware Tech and Discover Bank Partner to Support Local Businesses

Thanks to a new partnership between Delaware Tech’s Owens Campus in Georgetown and Discover Bank, a unique opportunity exists for people to support local merchants and receive valuable discounts, all while contributing to the College. The Village Shoppes Loyalty Program offers discount cards to the public for $25 that can be used throughout Sussex County at participating businesses.

Although it looks like a credit or debit card, the Village Shoppes card is neither. When swiped through a merchant’s card reader or shown to the seller, it simply entitles the cardholder to whatever discount the business committed to when registering for the program (i.e., 5%, 10%, or even $5 off of a $50 purchase.)

Card members enjoy various discounts at stores that sell everything from appliances to clothing to food and more. The program is free for merchants to join, and in addition to attracting customers, it provides quarterly reports for businesses so they can track purchases associated with the cards.

And the College keeps 100% of the $25 purchase price for each card to support study abroad scholarships for students at the Owens Campus.

“We wanted to support the ‘shop local’ movement, and this was a way to do that while raising funds for the College and our students – specifically our study abroad program,” says Dr. Ileana Smith, vice president and campus director at the Owens Campus. “It’s been a big hit with the merchants that have signed on already, and we expect that list to grow quickly as more businesses become aware of the loyalty program.”

Discover Bank awarded the College a $50,000 grant to launch the program which represents a new venture for the bank and a possible prototype for other organizations across the country.

To see a complete list of participating businesses or to purchase a discount card, visit go.dtcc.edu/discountcard.

Fire Protection Engineering Technology Program Benefits from Donation

Delaware Tech’s Fire Protection Engineering Technology (FET) program, located at the Stanton Campus, is a unique program designed to prepare students to help prevent fires from occurring and to minimize risk and loss of life. Students learn the basic fundamentals of fire protection systems, life safety, property and facility protection, human behavior in a fire, and building construction. They also learn how to perform a basic fire inspection of a facility as well as create diagrams for insurance purposes.

FET Program Coordinator Mark Noval was thus thrilled to accept the donation of a new Silent Knight Fahrenhyt™ Series fire alarm system from Honeywell and custom-installation from Advantech, Inc. The system, worth several thousand dollars, will enhance the existing, world-class fire lab and associated fire systems lab. The fire systems lab currently consists of nine automatic sprinkler system risers, pumps, and a kitchen hood to help put theory into hands-on practice.

“In many respects, the donation of this equipment is the missing piece to enable Delaware Tech’s Fire Protection Engineering Technology program to move forward in providing students and visitors with a more complete example of a balanced approach to fire protection,” says Noval. “In simple terms, having only sprinkler system risers and associated equipment without a useable fire alarm system, is like making a peanut butter and jelly sandwich without either the peanut butter or the jelly. Both are critically important to achieving the ultimate goal.”

For more information on the fire protection engineering technology program, visit go.dtcc.edu/fp.
Born in the Philippines and raised in California, Delaware Tech student Jayne Bayquen joined the Air Force as a heavy equipment operator after high school. She was stationed at Dover Air Force Base when she decided to enroll at Delaware Tech’s Terry Campus to study web development. She says her choice of career and where to study was easy.

“After looking at curriculums at other schools, Delaware Tech just had everything I wanted,” Bayquen explains. She was drawn to web development because of its combination of intelligence and imagination. “I like the creativity and the logic of web development,” she says.

Bayquen says that running wasn’t on her radar when she enrolled at Delaware Tech. However, after giving the sport a try, she found it to be the perfect balance for her studies in web development.

Bayquen began running with the Terry Hawks’ cross country team and became team captain during her second year. She says running was therapeutic for her. “It really helps you take your mind off of work, school and everything else.”

In addition to cross country, Bayquen also participates in marathons. Last year she ran in the Monster Mash – a half-marathon held at Dover Downs.

When Bayquen isn’t running, she focuses on excelling at her studies – including making President’s List. An internship in her field has led to a job with Techno Goober, a web and tech services company in Lewes, Delaware. There, Bayquen does the web coding that makes websites come to life.

After graduation from Delaware Tech, Bayquen says she plans to continue running and her education by pursuing her bachelor’s degree in web information at Wilmington University.

### Coach Jim Fischer Looks to Grow Co-Ed Cross Country Team

With a year of coaching under his belt, Jim Fischer is looking forward to his sophomore season with the College’s newly-formed Stanton Campus co-ed cross country team. Although he calls these the team’s “building years,” Coach Fischer is a seasoned veteran in the sport of cross country.

From 1982 to 2012, Fischer served as the director of running programs and track and field and cross country coach at the University of Delaware. During his tenure, he led the Blue Hens to five conference titles and 12 runner-up finishes, earning America East Coach of the Year honors five times. In 2013 he was honored with an Alumni Excellence in Coaching award by his alma mater, Augsburg College in Minneapolis, Minnesota.

Prior to coming to Delaware, Fischer also coached at the University of Minnesota and Concordia College, where he earned membership in its Athletic Hall of Fame as an assistant coach for the Cobbers’ NAIA national championship football program in 1981. He’s also a member of the Delaware Sports Museum and Hall of Fame and has been active in the community with such organizations as the Special Olympics and Leukemia Society’s Team in Training.

Fischer is proud of his past honors but is now looking toward his future with Delaware Tech’s cross country program. “Running is my passion, and I’m looking forward to mentoring student athletes. I consider myself a developmental coach and want to help individuals reach their full potential – in the classroom and in competition.”

Fisher says he will focus on getting the word out that Delaware Tech has a competitive team. Although he accepts runners of any ability, he wants to elevate the team to the next level. “We want to create a program where people can make improvements and be competitive locally, regionally and nationally,” he says.

The fall 2014 season will begin in mid-August with pre-season training. Follow the team’s schedule at go.dtcc.edu/athletics.
When Scott McLaren reported for his first day as Delaware Tech's new Collegewide director of public safety in February 2013, he was well-prepared for the task of improving safety programs at all of the College's campuses statewide. In his previous position as chief of police and director of public safety for New Castle County, he was responsible for strategic planning and management and operational leadership of 370 police officers, 100 paramedics, 130 crossing guards, 115 communication specialists and 50 support personnel, as well as the Office of Emergency Management for the county.

“We created this position to ensure that we have a public safety force that is trained to handle any kind of incident that could occur,” says President George. “There’s nothing more important than the safety of our students, faculty and staff.”

The creation of the new position was one of several recommendations contained in a study conducted by Margolis Healy and Associates, a professional services firm hired by the College to assess the existing public safety structure currently in place at the campuses and to suggest improvements.

Once hired, McLaren immediately began overseeing the implementation of other key recommendations including (1) a new force of constables, (2) increased staffing, (3) new training and equipment, (4) student involvement, and (5) improved monitoring of the College’s facilities.

A New Force of Constables

After significant discussion and consideration of recommendations from internal and external public safety experts, late last year, the College approved a plan to arm the chiefs of public safety and a group of officers from each campus. These designated individuals became constables through the Delaware State Police’s Detective Licensing Section. “The security and well-being of the College community is of the utmost importance at Delaware Tech, and these officers have undergone intensive, high-level law enforcement and firearms training and certification,” says President George.

To meet the minimum qualifications, an officer must be a graduate of a recognized police or constable training academy, pass a criminal background check, successfully complete the Minnesota Multiphasic Inventory Exam administered by a licensed psychologist, and produce written testimony from five reputable citizens attesting to the good character,
integrity, and competency of the officer. In order to be licensed to carry a firearm as a constable, officers must first pass an approved firearms course administered by a firearms instructor certified by the Delaware State Police. They must also complete three qualifying shoots per year – with a minimum of 90 days between shoots – using the same make, model and caliber of the weapon they carry on duty.

Increased Staffing

In addition to the new constables at each campus, the College also hired additional public safety officers. According to McLaren, “The new people we hired, as well as most of our existing officers, are retired police or correctional officers that bring with them a wealth of experience in law enforcement. And we’re proud that we have a diverse group of highly trained people who can relate to our diverse student population.”

New Training and Equipment

Ongoing training programs for public safety officers and constables at Delaware Tech exceed state standards for training. All officers receive regular training in areas such as the use of force, policies and procedures, CPR and first aid, as well as the correct usage of batons, pepper spray, and handcuffs. Additional new training includes courses in active shooter response, de-escalation strategies, incident command, and a variety of other areas of safety and law enforcement.

“Drills are another component of our public safety training here at Delaware Tech,” says McLaren. “The tabletop drills are internal, but we also perform functional drills that involve outside entities such as police officers, fire fighters and ambulance personnel.”

Updated equipment was also purchased. All public safety officers are now equipped with a variety of enforcement tools as well as ballistic vests.

Improved Monitoring of Facilities

With rapid improvements in technology, Delaware Tech is able to monitor campuses statewide like never before. Digital cameras at each location can now be monitored at the campus and on remote locations, such as McLaren’s office at the Office of the President in Dover.

Other improvements include the Stanton/Wilmington Campus’s authorization to use the 800 megahertz emergency radio communication system, which provides seamless communication with responding agencies during an emergency. The City of Wilmington also recently provided Delaware Tech with monitors for their citywide public address system for emergencies such as severe weather emergencies.

Even with the many recent improvements, the College continues to seek ways to provide a safe environment for everyone on campuses statewide. Although there are challenges, McLaren feels confident they can be overcome. “The best part of this new position has been working with seasoned professionals like Chief Bill Wood at the Georgetown Campus, Chief John Schaible in Dover, Chief Larry Mitchell in Wilmington, and Chief Rich Dennis at Stanton. They have made it much easier to implement new programs and changes, and we continue to work together to make all emergency operations consistent statewide,” says McLaren. “We do that with the full knowledge that each campus is unique and presents different issues for us to deal with. But we will continue to strive for excellence in each and every area related to the safety of our students and staff.”

Student Involvement

A new pilot program at the Stanton/Wilmington Campus is employing students for a multi-faceted approach to safety on campus. Students in the College’s criminal justice program work at the front door, check IDs, and watch cameras for suspicious activities. Although they don’t have arrest powers, they do wear student uniforms and act as additional eyes and ears on campus. According to McLaren, “It’s a win-win situation to have students working with us. The students get experience in public safety and get paid a part-time, hourly wage, and at the same time it allows us to supplement our security efforts.”

Pictured are Public Safety Aides Allegra Hope and Tom Dyson, second year students in the Law Enforcement Option program.
Wilmington Campus
10th Annual An Evening of Mardi Gras

On Saturday, February 8, Delaware Tech held its 10th Annual An Evening of Mardi Gras. The gala celebration is the largest annual fundraiser for the Stanton/Wilmington Campus, with proceeds directed to Delaware Tech’s Educational Foundation. Over $1.1M has been raised by this event in its 10-year history.

Stanton Campus
19th Annual Science Expo

New Castle County middle and high school students gathered at the Stanton Campus February 25-27 to present projects in math, physics, social science, biology, zoology and computer science for the 19th Annual Delaware Tech Science Expo.

Terry Campus
Gourmet Gala

Over 400 people attended the 10th annual Gourmet Gala scholarship fundraiser held October 19 at the Terry Campus. The annual black tie optional event offers specialties from Delaware's finest restaurateurs, breweries and vintners, who donate their culinary cuisine and time to the event which benefits student scholarships.
Participants enjoyed walking and running in the brisk weather on February 15. The event raises funds to support study abroad scholarships and the Global Understanding Series.

The annual Roady 5K, sponsored by the alumni association and the student government association, was held in May to support the graduating class gift to the campus.

On November 23, 2013, attendees were treated to a fashion show and pre-holiday shopping. The event raises money for study abroad scholarships and international education.

The theme for this year’s black tie optional spring gala, held on April 26, was Key West. The annual gala benefits the Educational Foundation.

**Upcoming Events**

**September 23**  
Economic Summit  
Terry Campus, Dover  
(302) 857-1400

**September 24**  
Distinguished Alumni and Walk of Success Celebration  
Owens Campus, Georgetown  
(302) 856-5400, Ext. 6086

**October 1**  
Alumni and Friends 5K Run/Walk  
Riverfront, Wilmington  
(302) 453-3763

**October 11**  
Flavors of the World  
Stanton Campus, Newark  
(302) 292-3872

**October 18**  
Gourmet Gala  
Terry Campus, Dover  
(302) 857-1125

**October 29**  
Sussex County Today & Tomorrow Conference  
Owens Campus  
(302) 259-6090

**November 22**  
Saturday Before the Season Fashion Show & Shopping Bazaar  
Owens Campus, Georgetown  
(302) 259-6086
Dr. Valencia “Lynn” Beaty – appointed acting human resources director for the Stanton/Wilmington Campus. Before joining the College, Beaty served as chief human resources officer for New Castle County. Prior to her county service, Beaty worked for Delaware’s Department of Health and Social Services as the director of management services, and for the state’s Department of Finance as the acting director of accounting. A member of the Delaware Bar Association, Beaty has a B.A. from Wofford College, an MBA from the University of South Carolina and a J.D. from Widener University School of Law.

Justina Sapna – appointed principal investigator and project director for the College’s third Trade Adjustment Assistance Community College and Career Training (TAACCCT III) grant. This U.S. Department of Labor grant will help connect Delawareans with jobs through College initiatives that build programs that meet industry needs. Sapna is currently the principal investigator and project director for TAACCCT I. Sapna previously served as department chair of developmental studies department at the Owens Campus.

Kelly Davis – appointed TAACCCT II grant principal investigator and project director. The objectives of this grant include expansion of the Mathematics Emporium and development of an accelerated nursing program. The Math Emporium includes initiatives designed to help students learn math online and at their own pace with individual coaching from instructors. Davis previously served as instructional coordinator in the nursing department at the Owens Campus.

Gail Charrier – appointed learning communities coordinator. A learning community is a combination of courses linked together around a common topic or theme with assignments that cut across courses. Students enrolled in the learning community all take the linked courses together – creating a community of learners. Charrier is responsible for statewide supervision, assessment and implementation of a comprehensive action plan to expand learning communities and further strengthen their impact on student success. Charrier is a full-time faculty member in the developmental studies department at the Owens Campus.
Congratulations Graduates!

View photos of the graduation ceremonies at go.dtcc.edu/Graduation

Stay connected!
Become active in the Alumni Association

- Connect with fellow alumni
- Make an impact by sharing your ideas and knowledge
- Provide internship opportunities for students
- Use the campus library, career services and fitness center (with a valid alumni ID)

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Terry Campus (302) 857-1125
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