

# CareerFocus

PIEDMONT TECHNICAL COLLEGE

FALL 2020 • VOLUME 10 • ISSUE 1

## Futuristic O'Dell Center Open for Fall Classes

**BELOVED COLLEGE  
PRESIDENT ANNOUNCES  
RETIREMENT**

**WHEN YOU HAVE  
TO GO FULLY  
ONLINE, STAT!**

**'IF YOU ARE GOING TO  
DO IT, YOU HAVE GOT TO  
LOVE IT'**

NON-PROFIT ORG.  
US POSTAGE  
PAID  
ACADEMIC  
MARKETING SERVICES

Piedmont Technical College  
PO Box 1467  
Greenwood, SC 29648



ECRWSSDDM  
RESIDENTIAL CUSTOMER





# WE STAND BEHIND OUR GRADUATES— GUARANTEED.



## WE GUARANTEE RELEVANT, QUALITY TRAINING THROUGH OUR TECHNICAL PROGRAMS

The Piedmont Technical College Job-Ready Guarantee demonstrates the college's long-standing commitment to providing students in technical programs with the right training for today's jobs. Through the guarantee, PTC students can be confident that they are entering the workforce with the right skill set. The program also shows employers that our graduates have the necessary training to succeed in the job, from day one.

Good for one year immediately after a student's graduation date, the Job-Ready Guarantee covers retraining at no cost to the graduate or employer.

For more information, visit  
[www.ptc.edu/guarantee](http://www.ptc.edu/guarantee).





Questions about the PTC programs and services described in this publication should be directed to the Office of Admissions at (855) 446-3864. Comments or questions about the publication itself can be directed to the PTC Office of Marketing and Public Relations at (864) 941-8669.

Editor: ..... Russell Martin  
Assistant Editors: . . Kristine Hartvigsen, Jackie Mathis

## Visit Piedmont Technical College on the Web at [www.ptc.edu](http://www.ptc.edu)

### Piedmont Technical College Area Commission

Y. J. Ahn—Greenwood  
Cherry Houston Brown—McCormick  
Dr. George P. Cone, Jr.—Greenwood  
Richard Cain, *Vice Chair*—Laurens  
Blake Davis—Laurens  
Jane J. Herlong—Edgefield  
Peter J. Manning—Greenwood  
H. George Piersol, II, *Chair*—Newberry  
Rufus C. Sherard—Abbeville  
Charles Graves—Greenwood  
Vacant—Saluda  
Thelma Woody, *Secretary*—Abbeville

### Institutional Officers

L. Ray Brooks, Ed.D., President  
K. Paige Childs, *Vice President for Business, Finance and Facilities Management*  
Jack Bagwell, Ph.D., *Vice President for Academic Affairs*  
Keli Fewox, Ed.D, *Vice President for Student Affairs and Communications*

### Institutional Mission

Piedmont Technical College transforms lives and strengthens communities by providing opportunities for intellectual and economic growth.

The College, a member of the South Carolina Technical College System, is a public comprehensive two-year postsecondary institution. Piedmont Technical College contributes to the economic growth and development of the largest and most diverse region of the technical college system, Abbeville, Edgefield, Greenwood, Laurens, McCormick, Newberry and Saluda counties and to the state. The College responds to the academic, training and public service needs of the community through excellence in teaching and educational services. Piedmont Technical College's open admissions policy provides accessibility for individuals with diverse backgrounds the opportunity to acquire the knowledge and skills for employment in engineering technology, industrial technology, agriculture, business, health, and public service. Piedmont Technical College graduates develop competencies in communication, mathematics, problem solving and technology.

The College offers university transfer; associate degrees, diplomas and certificates in technical and occupational areas; college preparatory programs; student development programs providing academic, career and individual support; and custom-designed credit and non-credit programs to provide training for business and industry and to meet the needs of the community. To optimize access to higher education in the rural seven-county service area, Piedmont Technical College offers distance learning courses through multiple modes of delivery.

CareerFocus is published twice a year by Piedmont Technical College, PO Box 1467, Greenwood, SC 29648 in partnership with Academic Marketing Services.

All rights reserved. No part of the material printed may be reproduced or used in any form or by any means, electronic or mechanical, including photocopying, recording, or by any information storage retrieval system without the permission of the publisher.

Piedmont Technical College does not discriminate on the basis of race, color, religion, sex, national origin, age, disability, sexual orientation, or veteran status in its admissions policies, programs, activities or employment practices.

© 2020 Piedmont Technical College

# CareerFocus

## 2 Facts and Finds

## 3 Beloved College President Announces Retirement

## 4 Commercial Art Experiencing a Renaissance at Piedmont Tech

## 5 When You Have to Go Fully Online, STAT!

Profile:  
**Claire Manuel**  
Don't Blink, or You Might Miss PTC's Claire Manuel



## 6 Latecomer Sees Certificate as Great Stepping Stone Toward Nursing

## 7 Futuristic O'Dell Center Open for Fall Classes

## 8 Mechatronics: 'Knowledge to Last a Lifetime'

## 9 Student Teachers Experience First Days in the Classroom

## 10 'If You Are Going to Do It, You Have Got to Love It'

Piedmont Tech Students Reflect on Their Agriculture Program Experience

## 11 Where Do You Want to Go?

### On the cover:

PTC student William McLellan in the Machine Tool lab at the newly constructed William H. "Billy" O'Dell Upstate Center for Manufacturing Excellence.





# FACTS and FINDS



## TAKE A DEEP BREATH

Feeling stressed? You're not alone—many people are reporting increased stress rates navigating uncharted situations during the pandemic. The American Lung Association says that one way to combat this is through focusing on your breathing.

Here are three breathing exercises and techniques that can bring you back to your center when you are feeling on edge.

- 1. Box breathing:** Take a breath in and count to four, then hold your breath counting to four, then exhale and count to four, and hold for another count of four. This is a great stress reducer.
- 2. Belly breathing:** Breathe in through your nose, out through your mouth, and place your hand on your belly to feel it rise and fall. This can increase lung function.
- 3. Pursed lip breathing:** Take a deep breath in through your nose, out through pursed lips for about twice as long as your inhale. This can help you slow your breathing.

Resource: American Lung Association

## FEEDING YOUR MIND

We've come a long way in understanding that taking care of our mental health is in many ways just as important as taking care of our physical health. And while we often hear that maintaining a balanced diet is critical to our physical health, we don't always associate it with our mental health.

New evidence is showing the importance of a balanced diet in maintaining mental health. A recent study by PLOS ONE found that certain changes in diet can stimulate better moods and positively impact symptoms of depression.

"Highly processed foods increase inflammation," researcher Heather Francis at Macquarie University in Sydney, Australia, told NPR. "If we don't consume nutrient-dense foods, then this can lead to insufficiencies in nutrients, which also increases inflammation." We're still learning how inflammation is caused by a poor diet, but links between mental health and eating habits are becoming clearer.

The results of the randomized controlled trial found that, after participants followed a "Mediterranean diet" for three weeks, their symptoms of depression fell from the "moderate" range to "normal." These healthy eaters felt lower levels of anxiety and stress. Check it out and see if it's right for you!

Resource: PLOS (<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0222768>)



## WHO MAKES WHAT AND WHY?

If you're considering going back to school to improve your earnings, you've got the right idea. A college degree or certificate can boost your income significantly. The most recent data show how much yearly earnings by household vary based on levels of education attained.



\$30,355	Less than 9 <sup>th</sup> grade
\$31,326	9 <sup>th</sup> to 12 <sup>th</sup> grade, no diploma
\$48,708	High school graduate
\$61,911	Some college, no degree
\$69,573	Associate degree
\$100,164	Bachelor's degree
\$117,439	Master's degree
\$162,127	Professional degree
\$142,347	Doctorate

Resource: Statista (<https://www.statista.com/statistics/233301/median-household-income-in-the-united-states-by-education/>)



# BELOVED COLLEGE PRESIDENT ANNOUNCES RETIREMENT

**President Dr. L. Ray Brooks this summer announced plans to retire, effective January 4, 2021. He has led Piedmont Tech proactively and pragmatically since March 2008.**

Always the good-humored optimist, Dr. Brooks remained a beacon of light during one of the college's most challenging episodes marked by uncertainty, migration to online instruction, and quarantine related to the COVID-19 pandemic.

"This morning, the sun came up in the East, just as it always does. This afternoon, it will go down in the West, just as it always does," he reassured the college community. "Between the sunrise and the sunset, each of us has a unique opportunity to make the most of this gift — another blessed day."

The best interests of students remained Dr. Brooks' highest priority throughout his tenure at PTC. He has been an affirming presence at college events of all size and stature, always prepared to lead, assist, tell a story or provide helpful advice.

"Dr. Brooks' focus on creating the right environment for student success has had a huge impact on Piedmont Technical College," said George Piersol, PTC Area Commission chairman. "The Commission is appreciative of his experienced leadership over the past 13 years, and we are fully supportive of the important initiatives begun during his tenure."

A search for the college's next president will be conducted according to South Carolina Technical College System policy. The search committee will include the PTC Area Commission Chair, a member of the State Board, and a currently serving president of another South Carolina technical college.

The college's second president in 50 years, Brooks has led the institution through historic surges in enrollment as well as the financial and managerial challenges posed by a record-setting recession and unprecedented global pandemic. Under his leadership, the college has built stronger relationships with the communities it serves and emerged on firm financial and operational footing.



**"IT HAS BEEN AN HONOR AND A PRIVILEGE TO HAVE HAD THE OPPORTUNITY TO SHARE IN THE IMPORTANT WORK THIS INSTITUTION DOES EVERY DAY. THIS WORK GOES ON, AND THERE'S MUCH MORE TO BE DONE. I LOOK FORWARD TO WORKING IN THE COMING MONTHS TO ENSURE THE STATE OF THE COLLEGE IS STRONG AND THAT WE'RE WELL-POSITIONED FOR THE FUTURE."**

Dr. Brooks' many leadership successes at PTC include: stewarding the college through an abrupt and lengthy quarantine, safe return-to-campus and other challenges posed by the COVID-19 pandemic; fostering innovative public/private partnerships; spearheading the construction of the William H. "Billy" O'Dell Center for Manufacturing Excellence in Greenwood; implementing the first-in-the-state Job-Ready Guarantee to PTC graduates; facilitating development of the Center for Advanced Manufacturing in Laurens; initiating the urban-renewal project that led to a cutting-edge new campus in Newberry; and leading a host of program and operational improvements designed to better position the college to respond to student and workforce needs.

During his tenure at PTC, Brooks has led the college in adopting institution-wide continuous improvement systems, including a groundbreaking implementation

of the Lean methodology in a higher education setting that was singled out for recognition with the Bellwether Award — a national prize that honors outstanding and innovative programs in community college education. PTC is the first and only college from South Carolina to receive this award.

Prior to joining PTC, Brooks served as president of Northwestern Technical College (NTC) in Georgia for 22 years and previously served as an instructor and then coordinator of postsecondary instruction at NTC.

"It has been an honor and a privilege to have had the opportunity to share in the important work this institution does every day. This work goes on, and there's much more to be done," Brooks said. "I look forward to working in the coming months to ensure the state of the college is strong and that we're well-positioned for the future." ■



# COMMERCIAL ART EXPERIENCING A RENAISSANCE AT PIEDMONT TECH

Earlier this year, a syndicated newspaper cartoonist and a renowned painter delivered wisdom-filled lectures on the Greenwood campus of Piedmont Technical College (PTC). Both — B.C./Wizard of Id comic strip artist Mason Mastroianni and award-winning fine artist John Pendarvis — were participating in the new PTC Visiting Artist lecture series.



The fact that widely acclaimed artists will take their valuable time to inspire a small-town college audience is reflective of the growing stature of PTC's exemplary Commercial Art Program and its many strong connections.

"As word gets out about the high-quality instruction, connections and outside learning opportunities available here, I believe our program is becoming a regional magnet for young people who want to pursue careers in the creative sector," PTC Commercial Art Program Director Kendall Adams said. "Contrary to the beliefs of some, commercial art is alive and well. It has just taken on new forms. The industry has made stunning changes in a digital environment. We are equipped to prepare students for the latest in commercial art technologies."

Adams says the program continually revamps its assignments to ensure that they are current and relevant for students in today's work market.

"We have some of the best computers and equipment around with new resources coming in regularly," he said. "Our students have the tools. When they leave here, they are forces to contend with. Every single one of them has risen to the top of their class quickly."

Last year, the program installed a chapter of the international Kappa Pi Arts Honor Society. PTC was the first exclusively two-year college ever to be accepted as a member

chapter in the 108-year history of the society. To gain admission to Kappa Pi, potential chapters must submit a portfolio and clearly demonstrate excellence.

"Without question, it is our students' graphic design, photography, and creative work that won over the Kappa Pi portfolio review committee," Adams said. "The installation was a direct reflection of their talent."

While at PTC, Mastroianni visited commercial art classes and expressed that he was remarkably impressed. "Your commercial art program here just blew me away," he gushed. "I love your school."

With dozens of cartoon, comic book and graphic novel fans in his audience, Mastroianni offered up some great advice.

"Less is more. If you can bring the audience to a chuckle or just a moment of relatability, you have succeeded," he said. "After I have worked out a gag, I will go back and remove as many words as possible. You don't want to insult your audience by giving them too much information. Writing humor — or anything really — is about balance. Write just enough so you are not insulting their intelligence and little enough that they can fill in the gaps themselves."



Mason Mastroianni



The winner of multiple Emmy Awards for animation work he did before taking over his grandfather's comic strips, Mastroianni was candid in discussing the fits and starts of his early career.

"My first piece of advice is to fail as much as you can. I'm serious," Mastroianni said. "Fail. If something doesn't work, let it go."

Of his time working in animation after a big break, Mastroianni also advised his audience to embrace every opportunity, even if it seems

frivolous or a waste of time. "If somebody offers you an opportunity, something that you even have a modicum of interest in, say yes," he said. "The answer is always yes, no matter what, even when it is hard."

Visiting artist Pendarvis of Greenville encouraged his audience to become involved in local arts councils and get to know other artists. He urged them to be proactive and introduce themselves, because the relationships an artist builds can have unlimited potential.

"Get involved in the art community yourself," Pendarvis said. "You will meet a lot of artists. They will give you feedback about your art. Get your name and your art out there so it can be seen."

Adams confirms that the creative arts industry is very competitive, but opportunities are out there for those who can set themselves apart from the field.

"All our students have unique styles," he said. "Some of the work they do is nothing short of amazing." ■



John Pendarvis







## PROFILE

### Claire Manuel

#### Don't Blink, or You Might Miss PTC's Claire Manuel

Book designer, typographer and author John D. Berry famously noted: "Only when a design fails does it draw attention to itself. When it succeeds, it's invisible."

Piedmont Technical College (PTC) commercial art student Claire Manuel rather exemplifies that premise. The reserved yet massively talented 20-year-old is a rising rock star who is most comfortable working anonymously from behind the scenes. She's so good, she's practically invisible.

"Claire came to Piedmont Tech with unrecognized potential. Shy, a little withdrawn, and unassuming, she was the proverbial diamond in the rough," said Kendall Adams, PTC commercial art program director. "With a little attention, some new skills, and a newfound level of confidence, Claire has become much more polished and professional in her general demeanor, her attitude and most certainly in her skills. She is that artist who will continue to grow and challenge her peers in art, photography and design."

Even before she graduates, Claire has added a notable client to her portfolio — The Greenwood Promise, a last-dollar scholarship program for graduates who live primarily in Greenwood School Districts 50, 51 and 52. The organization is a happy customer and is now actively using her logo design.

"They just wanted a revamped logo, really," Claire said. "I came up with about three or four designs that I really liked. They picked one and asked for a couple of small changes. That was it."

Claire begins her creative process making sketches until they start to transform into a design that pleases her. "I just go with the flow, whatever my brain tells me to do," she said. "I take into account balance, unity and movement, but I feel that the most important element is the use of emphasis. I always make sure that there is one component that draws in the viewer's eye and makes them want to look at the rest of the design."

In addition to her course load at PTC, Claire held a Federal Work Study job in the college's Marketing and Public Relations Department. Department Director Russell Martin said that Claire is the type of worker for whom no job is too small.

"Claire has a fantastic work ethic," he said. "She is always willing to try something new and unfamiliar. Nothing seems to intimidate her. She's a very can-do person."



Program

## WHEN YOU HAVE TO GO FULLY ONLINE, STAT!

Few health care majors can say they completed their studies in the midst of a historic global PANDEMIC quite like the graduates of 2020. They learned firsthand how authorities approach public health policy on a widespread scale by instituting social distancing guidelines and other measures to mitigate the rapid spread of COVID-19.

Piedmont Technical College (PTC) graduated 97 nursing majors in the spring and summer terms — a colossal achievement considering that in March, all nursing courses transitioned to online-only instruction abruptly at mid-semester.

"For those who may have had some clinical component remaining, the Board of Nursing allowed virtual simulations to fill gaps," PTC Nursing Department Head and Instructor Miranda Gaillard explained. "Affected students have to demonstrate that they are competent in certain skills, so allowing virtual simulation for remaining clinicals has been helpful."

PTC Health Care Dean Tara Gonce noted that the successful transition took a monumental effort of coordination and cooperation.

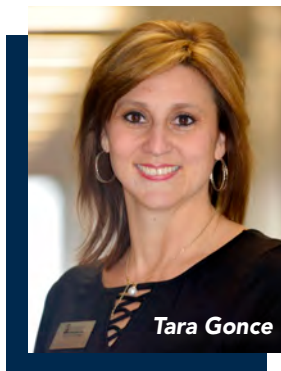
"In the Health Care Division, we were dealing with about 10 different accrediting bodies, all of which have different sets of guidelines, rules and regulations," she explained. "I am amazed and so appreciative of all the faculty and program directors who contacted those entities and secured their cooperation with our change in format in a very short period of time."

### A Helping Hand

In addition to providing near-constant support for students adjusting to the sudden changes, PTC health care faculty assessed how they could help area hospitals before anticipated equipment shortages were reported in other parts of the country.

"Four of our classroom ventilators went to Self Regional Healthcare," Gonce said. "Prisma

Health received our isolation equipment and PPE, including gowns, masks and gloves. We also took a count of our lab beds in case any local hospitals needed to use them."



Tara Gonce

During what arguably has been the most teachable of moments for PTC health care majors, those in the college's Respiratory Care Program experienced their specialty in a sobering new light, as the respiratory care curriculum teaches about caring for patients with lung disorders.

Because COVID-19 patients typically present to the hospital with serious breathing issues,

the respiratory therapist (RT) is often among the first people a COVID patient sees. The RT may administer supplementary oxygen and breathing treatments or, in the worst cases, intubate the patient and connect them to a ventilator to mechanically assist their breathing.

"You can't separate the heart from the lungs, so patients in multiple clinical areas need an RT present," said Ann Piggott, program director for Respiratory Care at PTC. "For this reason, an RT can work in just about any part of the hospital, from the Intensive Care Unit to an inpatient floor to the Emergency Department."

### New Health Care Certifications at PTC

PTC next spring will add a **Vascular Sonography Certificate** to its Cardiovascular Technology

Continued on page 6



## WHEN YOU HAVE TO GO **FULLY ONLINE**, STAT!

Continued from page 5

sonography utilizes ultrasound to perform diagnostic testing on patients' arteries and veins. It is primarily used in the diagnosis of blood clots, blockages and aneurysms.

"Our students will have the opportunity to get this add-on certificate in January," PTC Cardiovascular Technology Instructor Laura Boone said. "The goal is to get more people cross-trained in multiple ultrasound modalities so they can be more productive

for hospitals and more marketable as graduates."

Boone noted that there are generally three subspecialties beneath the umbrella of sonography: general sonography, which involves

mostly abdominal and gynecological-related ultrasound imagery; echocardiography, which focuses on ultrasound imaging of the heart; and vascular sonography, which involves ultrasound imagery to examine blood vessels. Being cross-trained — or dual-certified — allows individuals to perform duties for multiple areas within the sonography field.

"It's all interconnected," Boone explained. "For each ultrasound subspecialty, you are learning different anatomy, physiology, and pathology so you can recognize 'normal' vs 'abnormal.' Each patient's case is documented with the videos, images and measurements necessary to prove what type of pathology the patient has so they can be treated accordingly."

In addition, PTC recently consolidated a three-semester **Patient Care Technician Certificate** course into a single semester rewarded with four certifications: CNA, PCT, Phlebotomy and EKG. Graduates of the new program hold Certified Nursing Assistant certification and qualify to take the National Certified Patient Care Technician exam, the National Phlebotomy Technician exam and the EKG National exam. ■



Laura Boone

## LATECOMER SEES CERTIFICATE AS **GREAT STEPPING STONE TOWARD NURSING**

**After staying home for seven years to take care of her two young children full time, PTC student Holly Guida decided that — as her youngest begins school — she, too, would re-enter the classroom.**

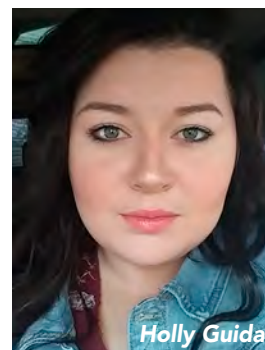
"I decided that it was time to further my education and do something for myself," the Laurens resident said. Because she already had some health-related classes under her belt, she chose to enter PTC's Patient Care Technician (PCT) Certificate Program, which itself is in a state of constructive transition.

"We recently updated the curriculum, consolidating a three-semester course into one semester covering four certifications," said PTC Health Care Dean Tara Gonce. "We're able to offer it every fall and every spring, so instead of training one cohort a year, we are training two."

Graduates of the program hold Certified Nursing Assistant (CNA) certification and qualify to take the National Certified Patient Care Technician exam, the National Phlebotomy Technician exam and the EKG National exam.

Guida especially has enjoyed the phlebotomy coursework. "It came very naturally for me," she said. "We are required by the end of the semester to 'stick' 36 people successfully. I got all of mine in the first three clinicals." Alternately, Guida found the comprehensive EKG section the most challenging. "It goes very much in depth about the heart" and all the things you need to monitor for.

She studied art at Winthrop before having her children. Her daughter was born 24 months premature, which turned out to be pivotal in her later career aspirations.



Holly Guida

"My daughter was in the Neonatal Intensive Care Unit (NICU) at Self Regional Healthcare for five months," she explained. "I was lucky. Self offered an 'in-stay' option" for new mothers with babies in a long-term care situation. "I got to stay with my baby at Self for four months."

That experience motivated her to switch her academic focus to health care. PCT certification, with its specialized training in multiple

essential skills, is considered a solid first move for those who might like to go into nursing.

"PCTs are able to do more than CNAs," Guida said. "PCT is basically an expansion of CNA. My goal is to apply for the nursing program in the spring of 2021." ■

**For more information about PTC's Patient Care Technician Program, which is offered on our Newberry Campus, visit [www.ptc.edu/patientcare](http://www.ptc.edu/patientcare).**





# FUTURISTIC O'DELL CENTER OPEN FOR FALL CLASSES

**Picture it. Greenwood, 2020: An orange tabby rides atop a Roomba® cruising every 45,000 square foot of polished cement floor at the newly constructed William H. "Billy" O'Dell Upstate Center for Manufacturing Excellence. How could this imagined viral notion possibly relate to the specialized industrial technology programs housed in the facility?**

All of the Piedmont Technical College (PTC) School of Industrial Technology programs, at least conceptually, play a role in the manufacture of all manner of automated vacuums now so popular with consumers and felines alike.

But that's just the tip of this comprehensive engineering wonder.

The recently completed Center houses PTC's expanded Welding, Mechatronics, and Machine Tool programs. Each discipline is critical in today's advanced manufacturing environment, whether the product is a roving vacuum, industrial or surgical robot, "smart" household appliance or an automobile's antilock-breaking system.

Several fall semester students got a whiff of that new-building smell when fall classes began in mid-August. The Center houses fully outfitted, high-tech labs and classrooms, as well as customizable flex space that can be easily reconfigured to serve emerging workforce development needs in partnership with area businesses.

"This facility is a marvel of industrial design with the latest, state-of-the-art equipment and minimalist layout," said Rusty Denning, PTC associate vice president for Economic Development and Continuing Education and interim dean for Engineering and Industrial Technology. "It very accurately simulates the environment in today's most progressive, advanced manufacturing plants."

## Machine Tool Technology

"A lot of people don't realize that the machine trade is alive and thriving," said PTC Machine Tool Technology Program Director Phillip Calhoun. "A lot of companies we work with say their older workforce is starting to reach retirement age. It's now actually a growing trade," with an estimated 1 in 4 U.S. machinists preparing to retire.

Even so, there are challenges to recruiting and retaining skilled machinists.

"The advancements in technology with the tooling, it's like light speed. It's revolutionized the machine trade," Calhoun said. "We teach advanced methods in theory and focus our curriculum around the tooling that we have."

It is the tools that give machining its versatility because tools can be replaced or modified to perform an updated range of operations as needed.

## Mechatronics

Mechatronics offers an exceeding versatile major at the skills intersection of electronics, pneumatics, hydraulics, mechanics, IT, computers and robotics. Graduates of this program emerge prepared for the modern, automated manufacturing workforce.

Occupying about one-third of the high-tech O'Dell Center, PTC's Mechatronics Program features classrooms and workshops, including a robotics lab with brand-new ABB robots and automated systems.

All modern-day manufacturing plants and industries must be well-maintained to run at full capacity, so demand for mechatronics technicians will remain strong.

"According to the National Association of Manufacturers, more than 80% of manufacturers reported a 'moderate to serious' skills shortage in their workforce," said PTC Mechatronics Technology Instructor Robert Moore, "so career opportunities are excellent for well-trained PTC graduates."

## Welding

Welding is on the rise at PTC. This fall, the college introduced a new Advanced Welding Certificate, which moves students into the workplace sooner so they can practice their craft while contemplating whether to continue to an associate degree.

"There is a shortage of qualified welders," PTC Welding Program Director Jim Ladd said. "Employers just want welders who can do the job. The Advanced Welding Certificate demonstrates that they have received formal training, which gets their foot in the door."

The new certificate is designed as part of a series of incremental welding credentials, with students earning a specific certificate each semester of the program. "We structure it so that, in the first semester, the students can obtain the basic welding certificate," Ladd said. "Welding is a building process, so each credential is a step in the process."

The brand-new O'Dell Center welding lab features 45 state-of-the-art welding booths, an industrial-grade, computer-controlled plasma cutting table and a top-of-the-line metering band saw with a built-in protractor to facilitate perfectly angled cuts.

"Our welding machines are the latest and best that are available now," Ladd said. "Our students will be able to operate most any equipment they will see on the job site."

Currently, more than 600 students are enrolled in Industrial and Engineering credit programs each fall term. An additional 2,000 were served last year in training delivered directly to companies in Greenwood County. ■

**For more information about PTC's engineering and industrial technology programs, visit [www.ptc.edu](http://www.ptc.edu).**





# MECHATRONICS

## 'KNOWLEDGE TO LAST A LIFETIME'

Using a hand-held controller, known as a “teach pendant” that somewhat resembles an artist’s palette, Andrew Tokarev deftly manipulates the robotic arm to execute his vision. The 20-year-old Piedmont Technical College (PTC) mechatronics technology student is developing skills that will transport him into a career spanning multiple mediums — though not painting or sculpture — that comprise electronic, mechanical, pneumatic, hydraulic, and other engineering systems to maximize manufacturing quality and productivity.

While attending classes at PTC, Tokarev is working part time in a maintenance technician apprenticeship with ZF Transmissions, a high-tech manufacturing facility in Gray Court. He entered the apprenticeship straight out of high school and has never looked back.

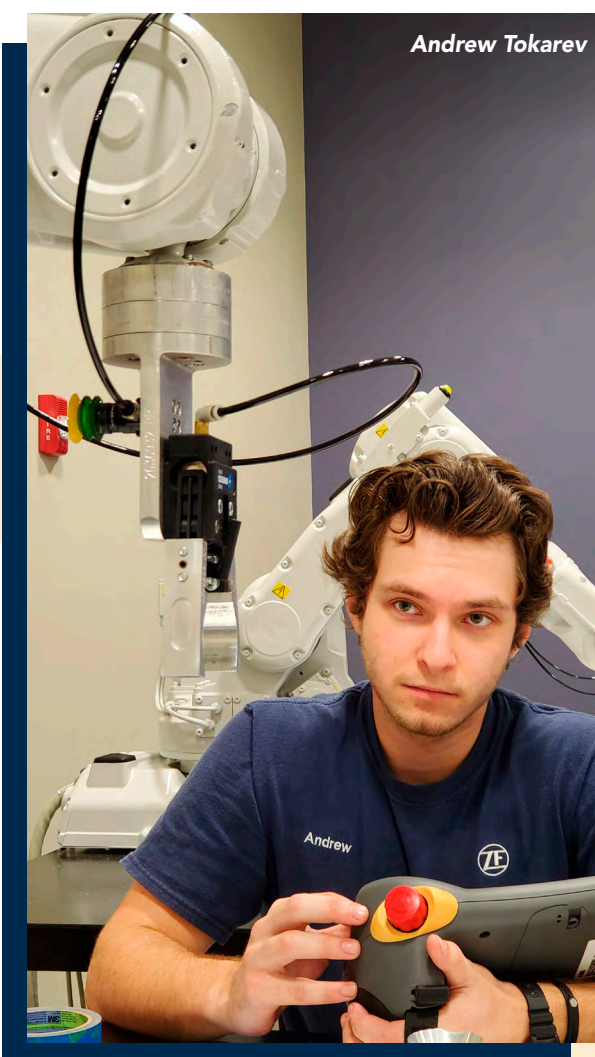
“I didn’t really know what I wanted to do for the longest time,” said Tokarev. “I helped my dad work on cars every now and then, and that was a huge influence. I like to work with my hands and find out how things work, especially when it comes to the electrical and mechanical aspects of things.”

Tokarev appreciates the wide range of disciplines that converge in the mechatronics field and the troubleshooting involved in diagnosing and solving problems. The versatility supported by the skill set virtually ensures a program graduate will be immediately employable in advanced manufacturing.

“Mechatronics can be found pretty much everywhere, even in the home,” he said. “The knowledge that I gain can be used throughout my life. It’s pretty cool.”

Tokarev is pleased with the education he is receiving from PTC, noting that his instructors not only teach you what you should know but show you how to apply it. He definitely feels he is on a career track that will continue to stimulate and capture his imagination, and ZF is an ideal training ground and perhaps a place to nurture a more lasting career relationship.

“Working at ZF has been good,” he said. “The way the program is set up, it’s a three-year commitment. We do a different thing each year. This year I am going through different maintenance subgroups. So far, from what I have seen, I enjoy the company and the people.” ■





# STUDENT TEACHERS EXPERIENCE FIRST DAYS IN THE CLASSROOM

**It was the first day of first grade for Caroline Falls. She quickly reviewed her checklist: Hand sanitizer, check. Crayons, check.**

The eager 20-year-old Early Care and Education (ECE) major was truly stoked to begin her formal field experience at Hodges Elementary School on August 24. Any first-day nerves she may have harbored evaporated the moment she met her supervising teacher.

"My teacher, Kimber Burrell, is absolutely amazing," the Abbeville resident said. "I walked into her classroom, and she could not be more welcoming. I just felt like I fit in right away!"

A cohort of PTC education majors received their field placement assignments the first week of the fall semester. The assignments often are their first real-world classroom experience. ECE Program Director Claudia Edwards helped students go over the necessary paperwork to facilitate a safe experience for all.

By necessity, the novel coronavirus has prompted significant changes to how courses are delivered.

"About half of our classes normally met face-to-face. We have converted many to an online format, including four classes this semester that have never been offered online before," Edwards explained. "Everything is now online except for our field placement courses. We meet just once a month and are in the schools the rest of the time."

When the pandemic caused mass institutional closures in the middle of the spring semester, it was particularly hard on those participating in field placement courses.

"When things shut down in the spring, we had to take our students out of their classrooms," Edwards said. "They weren't able to finish their field placement as intended. That was hard because they

couldn't even say goodbye to their students. It was so abrupt. That was difficult."

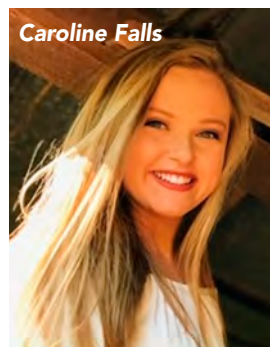
Those students ultimately completed their teaching experience by creating videos showing them teaching family members or neighborhood children when possible.

Offering ECE courses that have never before been presented online required some creative thinking to simulate and support hands-on classroom work as well as group learning and collaborative projects.

"Our science and math concept course has always been totally hands-on," Edwards said. "In converting to online instruction, we decided to prepare special toolkits for our students. The items in each kit support experiments that we do and materials that they would be manipulating in the classroom. They can plan lessons for us using the materials."

During the field placement orientation, Edwards laid out in detail expectations, dress code, work ethic, lesson planning, implementation and evaluation. Each student undergoes two formal observations by a supervising teacher and PTC faculty member, according to standards set forth by the National Association for the Education of Young Children (NAEYC), the program's accrediting body. Edwards reminded students that they would be under robust scrutiny.

"The host teachers will evaluate you," Edwards told the ECE class. "This is where work ethic, soft skills and professional growth will count a lot. ... The teachers come to depend on you. So be



dependable. ... We want you to do well."

Falls took excellent notes as Edwards spoke to the class and appears to have no issues in the work ethic department. Wasting no time on her first day in Ms. Burrell's classroom, she already broached the topic of her case study project, because there's no time like the present to get a head start.

How soon classrooms return to pre-pandemic "normal" remains to be seen. Some experts suggest that virtual education likely will continue in some form indefinitely.

"I think our students are pretty resilient and passionate about what they do," Edwards said. "We would like for things to get back to normal. We really do miss the children" and there is no duplicating the pure energy children bring to a live, in-person classroom.

On her first day at Hodges Elementary, Falls immediately experienced how even the in-person classroom relationship has changed after the shut-down.

"I hate that I couldn't actually hug the kids as they came into the classroom," she said. "But we did air high-fives and (non-touching) fist bumps. They were telling me stories about what they did over the summer. It was a great opportunity for me to actively listen and provide positive feedback and reinforcement." ■

**For more information about the PTC Early Care and Education Program, visit [www.ptc.edu/ecd](http://www.ptc.edu/ecd).**





# 'IF YOU ARE GOING TO DO IT, YOU HAVE GOT TO LOVE IT'

## Piedmont Tech Students Reflect on Their Agriculture Program Experience

A solid, hands-on education in agriculture was so important to Hampton Beard that he decided to drive nearly 300 miles — round trip — from Kingstree every day to attend classes at the PTC Saluda Campus and study diversified agriculture with Instructor Roger Estridge. That's about five hours of driving a day, even though there was a program much closer to home.

"I heard about this program and how much hands-on experience you get, so I decided to come out and visit the campus in Saluda County," Beard recalled. Estridge took him on a tour. "We hit it off right away. I knew after I talked to Roger that this is where I needed to be."

Beard, who graduated this spring, already is an experienced farmer. He's worked in the field for about five years, growing crops on 30 acres at first and expanding over time to 83 acres. But that's small potatoes compared to where he plans to be next year and beyond — growing cotton, soybeans, and corn on up to 700 acres.

"My granddad has a farm. When he said he wanted to retire," the 20-year-old said, "I tried to change his mind. But he retired in 2013 and leased his land to a fellow who is my neighbor now."

Undeterred, Beard gradually was able to persuade his grandfather to come out of retirement next year as his business partner.

"I am going to help my granddad take back over his 700-acre row crop farm. Me and my granddad are going to work it together," he said. "There will be another fellow helping us, so there will be three of us to start."

For now, Beard is working for M3 Farms in Kingstree, where he has been employed while in school. It's a huge operation.

"Roger actually brought our class on a field trip here (at M3)," he said. "We toured a cotton gin. We went from there to the field and were picking cotton later that day. Everyone got to ride the cotton-picker. It's a John Deere CP690. It cuts out a bunch of the harvesting labor."

Beard says he has learned a lot in the program and has been successful precisely because of its hands-on focus. "That's what I love about it," he noted. "You can apply your new skills right away."

In addition to common pests like the stink bug, which can devastate cotton plants, and the costs for equipment, Beard worries about commodity prices. The markets can be sporadic due to the weather and other economic impacts.

"When I planted cotton last year, I kept looking at the market about three to four times a day," he said. "You have to have a committed price that you want to sell it at. Cotton has been going down. It was about a dollar a pound. Then it dipped to 61 cents per pound. I figured I could break even at 69.5 cents a pound. I usually can harvest as much as 800 pounds an acre."

The PTC Diversified Agriculture Program this past spring included three dual enrollment students. Their hands-on activities have included building "cold houses" to grow vegetables in the winter and constructing stalls and

holding pens. Beard's classmates echoed his positive sentiments about the program.

In mid-March, Beard's lengthy commute was eliminated because of pandemic social distancing policies. The change did not faze him.

"It wasn't as bad as I thought," he said. "I still would rather drive all the way to go to class than study online, but I just made it work. I could schedule the study time around my job, so I was making money and still going to school every day."

So what's the best thing about the farming lifestyle?

"It's dark outside when I get up, and it's dark outside when I go to bed," Beard said, "but I love it. I always have. I grew up around it. If you are going to do it, you have got to love it." ■

**For more information about PTC's Diversified Agriculture Program, visit [www.ptc.edu/ag](http://www.ptc.edu/ag).**





# WHERE DO YOU WANT TO GO?



For many people, deciding on a career can feel like taking a journey without either a map or a destination. Eventually, with some advice and direction, a little exploration and maybe a dead end or two, you begin to get a sense of where you'd like to go and how to get there. Whether you're just starting out or picking up a new career mid-life, Piedmont Tech offers courses and services to help you find your path and get to your goal.

Good advice and good resources are the best road maps. PTC's Counseling, Career Planning and Employment Services can help you explore your options and get started on a plan of action. Academic advisors, too, can help you choose the right classes for your goal.

PTC's 80+ certificate, diploma and degree programs are some of the best vehicles around for taking you to your career destinations. In a year or less a certificate can get

you into a job, in two years an associate degree can move you a little farther along your career path, and transferring to a four-year college will take you even farther.

Map out your options by taking a look at the PTC A-Z listing below. And when you're ready to start planning your career, visit [www.ptc.edu](http://www.ptc.edu) to find out how to enroll in classes. Call the Admissions Office at (855) 446-3864 for answers to your questions. ■



## UNIVERSITY TRANSFER PROGRAMS

If you're headed toward a bachelor's degree, we can help you get there. Piedmont Tech offers more than 80 courses that transfer to any public university or college in South Carolina, and hundreds of PTC students transfer credits earned at Piedmont Tech to universities throughout the state each year.

### Associate in Arts

The Associate in Arts program prepares students for four-year baccalaureate majors in fields such as business, accounting, management, English, journalism, social work, education, music, psychology, history, pre-law, humanities, fine arts and social sciences.

### Associate in Science

The Associate in Science degree stresses mathematics, as well as natural and physical sciences, and prepares students for four-year baccalaureate majors in those fields, plus engineering, pre-med, veterinary medicine, chiropractic and education.

### University Studies Certificate

This certificate is designed to allow students to transfer to a senior institution after two semesters and a minimum of thirty (30) transferable credit hours.

### Transfer Partnerships & Career Path Transfers

PTC has established specific transfer agreements with more than 19 colleges and universities, as well as specific career path transfers in areas such as business, criminal justice, engineering technology, education and many more. Talk to your advisor to decide which path is right for you.

For more information, visit [www.ptc.edu/transfer](http://www.ptc.edu/transfer).



## AGRICULTURE

We all know that agriculture is an important part of South Carolina's heritage. But did you know that agriculture-based businesses play a critical and expanding role in the growth of the state's economy? In fact, agribusiness is one of the largest economic clusters in the state and a critically important part of the knowledge based economy.

### Diversified Agriculture

Provides students with advanced technical knowledge in sustainable agriculture, field crop production, pest management, soil and water management, hydraulics and pneumatics, agriculture economics and marketing related to the agricultural industry.

**A.A.S., Major in Diversified Agriculture**  
Basic Diversified Agriculture Certificate

### Horticulture Technology

Students are prepared for supervisory, middle management and technical positions in horticulture, including landscape design, implementation and maintenance.

**A.A.S., Major in Horticulture Technology**  
Turfgrass Management Certificate  
Landscape Management Certificate  
Landscape Design and Installation Certificate  
Greenhouse Management Certificate

**South Carolina Mean Salaries**  
Agricultural Inspector - \$45,490  
Agricultural Technician - \$31,950  
Nursery Operator - \$25,440



## BUSINESS & INFORMATION TECHNOLOGIES

If you're a good communicator who enjoys solving problems, a career in business might be right for you. Computers have also become an indispensable part of everyday life. Majoring in Computer Technology at Piedmont Tech will give you the knowledge and skills you'll need to get started in Information Technology and computer science.

### Administrative Office Technology

Actual work experience and instruction in keyboarding, word processing, spreadsheet applications, transcription, office procedures, communication, accounting and more give graduates the ability to work independently and handle the details of office administration.

**A.A.S., Major in Administrative Office Technology**  
Office Technician Certificate

### Business Administration

Probably no other occupational area encompasses a more diverse range of activities than the business field.

**A.A.S., Major in Business Administration**  
Accounting Certificate  
Entrepreneurship Certificate

**South Carolina Mean Salaries**  
Tax Preparer - \$43,080  
Medical Transcriptionist - \$35,180







## BUSINESS & INFORMATION TECHNOLOGIES

### Commercial Art

If you have an artistic streak and you enjoy solving problems by thinking creatively and interacting with computers, you should consider a major in Commercial Art.

#### A.A.S., Major in General Technology – Commercial Art

- Concentrations in advertising design, digital rendering and photography

#### Advertising Design Certificate

#### Digital Rendering and Gaming Development Certificate

#### Photography Certificate

### Computer Technology

Students study computer maintenance, local-and wide-area networks and popular programming languages. Graduates are truly prepared to take their place in the Information Age.

#### A.A.S., Major in Computer Technology

#### PC Technician Certificate

#### Cybersecurity Certificate

#### Certified IT Professional Certificate



## QUICKSKILLS ADVANCED TRAINING OPTION

In today's Advanced Manufacturing operations, qualified employees are essential to a successful production operation. The Quickskills training programs listed below allow people to learn in a relatively short time frame the necessary entry level skills to help them start work with more than a basic understanding.

### Machine Tool CNC Precision Operator

Students will learn and perfect introductory skills in the programming and daily maintenance of CNC machines. Various types of automated equipment, such as Coordinate Measuring Machines are utilized so that students gain practical experience that will help them obtain gainful employment in industry.

### Manufacturing Production Technician

The curriculum includes mathematical and statistical techniques and applications, industrial safety and operational principles, production process cycle including resource availability, product specifications and state-of-the-art manufacturing practices, including Lean Manufacturing tools and techniques.

### Precision Metrology Certificate

The Precision Metrology certificate is designed to upgrade or refresh skills for people familiar with measuring systems required in Advanced Manufacturing industries. Working with tolerances on the order of millionths of an inch, Quality Control Inspectors require the knowledge to operate highly sophisticated inspection equipment such as optical comparators, profilometers and CMM (Coordinate Measuring Machine) systems.



## ENGINEERING TECHNOLOGY

If you're fascinated by technology and enjoy a hands-on approach to problem solving, Engineering Technology may be the right career path for you.

### Electronic Engineering Technology

The graduate is skilled in the operation, troubleshooting, calibration and repair of electronic instruments and systems found in process control, communications, computers, manufacturing, programmable logic controllers and microprocessors.

#### A.A.S., Major in Electronic Engineering Technology

### Engineering Design Technology

All phases of manufacturing or construction require the conversion of new ideas and design concepts into the basic line language of graphics.

#### A.A.S., Major in Engineering Design Technology

### Mechanical Engineering Technology

The Mechanical Engineering Technology curriculum equips the graduate for: performing a key role in the mechanical design process; installing, troubleshooting and repairing mechanical and electro-mechanical equipment; programming CNC machine tools, computers, programmable controllers and robots; and performing general maintenance functions.

#### A.A.S., Major in Mechanical Engineering Technology

#### South Carolina Mean Salaries

Electrical and Electronics  
Drafter - \$62,130

Electronic Engineering  
Technician - \$65,520

Mechanical Engineering  
Technician - \$58,000



## ENGINEERING TECHNOLOGY

### Engineering Bachelor's Degree Options

Agreements have been developed to provide options for transfer into three bachelor's degree programs: The USC Electrical Engineering or Mechanical Engineering programs; SCSU's bachelor of science in Electrical Engineering Technology (BSEET) degree or the bachelor of science in Mechanical Engineering Technology (BSMET) degree programs; and USC Upstate's Engineering Technology Management B.S. program.



## INDUSTRIAL TECHNOLOGY

Students enrolled in any of the Industrial Technology curricula will gain practical experience and technical knowledge. Well-equipped labs, broad-based programs and hands-on opportunities make the difference in their futures.

### Automotive Technology

Students are trained to perform quality maintenance, diagnosis and repair of complex modern vehicles.

#### A.A.S., Major in Automotive Technology

#### Automotive Fundamentals Certificate

### Building Construction Technology

Students gain practical training in estimating building costs, carpentry, cabinet making, residential wiring, blueprint reading, brick masonry, construction, building codes and safety.

#### A.A.S., Major in Building Construction Technology

#### Carpentry Certificate

### Gunsmithing

#### A.A.S., Major in General Technology - Gunsmithing

#### Gunsmithing

#### Advanced Gunsmithing Certificate

#### Introduction to Gunsmithing Certificate

### Heating, Ventilation and Air Conditioning Technology

Students in this program are educated in the installation, maintenance and repair of air conditioning, refrigeration and heating systems.

#### A.A.S., Major in Heating, Ventilation & Air Conditioning Technology

#### Heating Fundamentals Certificate

#### Refrigeration Applications Certificate

#### HVACR Installers Certificate

### Machine Tool Technology

Students in this program get training and practical experience in machining operations used in the manufacturing industry. The graduate is skilled in the use of precision equipment and can make intricate parts.

#### A.A.S., Major in Machine Tool Technology

#### D.A.S., Major in Machine Tool

#### Computerized Numerical Control Certificate

#### Machine Tool Operator Certificate

### Mechatronics Technology

Combining electronic, mechanical, robotics and information system technologies, this program provides the graduate with the skill set needed for today's automated manufacturing facilities.

#### A.A.S., Major in Mechatronics Technology

#### Mechatronics Technology I Certificate

#### Electrical Maintenance Technician Certificate

### Welding

Students learn to join metal by use of gas-fueled torches and electric arc processes.

#### A.A.S., Major in General Technology - Welding

#### D.A.S., Major in Welding

#### Basic Welding Certificate

#### South Carolina Mean Salaries

Automotive Technician - \$41,480

Carpenter - \$46,780

HVAC Technician - \$45,160

Electronics Technician - \$61,900

CNC Machine Tool

Operator - \$44,010

Welder - \$43,260







## HEALTH CARE

With the complexity and diversity of today's health care system, varieties of health care professionals are needed. To function effectively by providing safe, knowledgeable patient care, the health care professional needs a thorough understanding of basic sciences and individual curriculum theory.

### Cardiovascular Technology

The Cardiovascular Technologist performs diagnostic tests which are used in the diagnosis, treatment, and serial follow-up of patients with cardiovascular disease.

**A.A.S., Major in Cardiovascular Technology**

### Emergency Medical Technician

The Emergency Medical Technician (EMT) is a vital link in the health care chain. Emergency Medical Technicians (EMT) are employed in areas such as emergency ambulances, private non-emergent transport services, clinics, and other allied health care settings.

**Emergency Medical Technician Certificate**

**Paramedic Certificate**

### Medical Assisting

The Medical Assisting program prepares a multi-skilled graduate to function in clinical and administrative areas of the physician's office and ambulatory care centers.

**A.A.S., Major in General Technology – Medical Assisting**

**D.A.S., Major in Medical Assisting**

### Nursing

The Nursing program will assist students in developing the intellectual, technical and professional competencies necessary to practice. Upon successful completion of the NCLEX licensure exam by the State Board of Nursing for South Carolina, graduates can seek employment as licensed registered nurses or licensed practical nurses, depending on their program of study.

**A.A.S., Major in Nursing**

**D.A.S., Major in Practical Nursing**

**LPN to ADN Nursing Transition Option**

### Occupational Therapy Assistant

As only one of three two-year programs of its kind in South Carolina, Piedmont Technical College's Occupational Therapy Assistant program is a great option for students seeking this in-demand training in the Upstate and Midlands.

**A.A.S., Major in Occupational Therapy Assistant**

### Patient Care Technician

Because health care is changing at an unprecedented pace, new or varied approaches to patient care are emerging. One such approach is the use of multi-skilled individuals known as Patient Care Technicians who are a part of the health care team.

**A.A.S., Major in General Technology – Patient Care Technician**

**Patient Care Technician Certificate**

### Pharmacy Technology

Graduates of the pharmacy technology diploma are health care professionals who assist the pharmacist in a hospital or clinical setting to provide quality health care related to medication administration in an institutional setting.

**A.A.S., Major in General Technology – Pharmacy Technology**

**D.A.S., Major in Pharmacy Technology**

### Radiologic Technology

The Radiologic Technology curriculum is designed to assist students in acquiring the general and technical competencies necessary to enter the radiography field.

**A.A.S., Major in Radiologic Technology**

### Respiratory Care

The respiratory care practitioner is trained to assist the medical staff with the treatment, management and care of patients with cardiopulmonary abnormalities or deficiencies.

**A.A.S., Major in Respiratory Care**

### Surgical Technology

Surgical technologists are members of the operating team who work closely with surgeons, anesthesiologists, RNs and other personnel to deliver patient care before, during and after surgery.

**A.A.S., Major in General Technology – Surgical Technology**

**D.A.S., Major in Surgical Technology**

### Veterinary Technology

The veterinary technician works under the supervision of a licensed veterinarian. The specialized training received will allow the graduate to seek employment in such areas as clinical medicine, laboratory animal medicine, emergency medicine, pharmaceutical sales, food inspection and government agencies.

**A.A.S., Major in Veterinary Technology**

#### South Carolina Mean Salaries

Cardiovascular Technologist

- \$58,880

Licensed Practical Nurse (LPN)

- \$42,190

Pharmacy Technician - \$32,660

Radiologic Technologist - \$54,840

Respiratory Therapist - \$56,740

Registered Nurse (RN) - \$64,840

Veterinary Technologist - \$33,410



## PUBLIC SERVICE

Students interested in a career in Public Service may choose majors in Criminal Justice or Early Care and Education.

### Criminal Justice

This program is designed to prepare professionally-educated and competent criminal justice practitioners for careers within the criminal justice system.

**A.A.S., Major in Criminal Justice**

### Early Care and Education

The Early Care and Education program offers a combination of classroom instruction and supervised, hands-on experience that prepares students for direct entry into the field of Early Care and Education.

**A.A.S., Major in Early Care and Education**

**A.A.S., Major in Early Care and Education, Infant/Toddler Care Concentration**

### Early Childhood Development Certificate

**Infant/Toddler Certificate**

### Funeral Service

This program provides the educational foundation needed to seek South Carolina licensure both as an embalmer and as a funeral director.

**A.A.S., Major in Funeral Service**

**Funeral Director's Certificate**

**Embalmer's Certificate**

### Human Services

The program prepares students to work in diverse settings such as group homes; correctional, special needs and mental health settings; family, child and youth service agencies; and programs concerned with alcoholism, drug abuse, family violence and aging.

**A.A.S., Major in Human Services**

#### South Carolina Mean Salaries

Police Officer - \$43,520

Preschool or Daycare

Administrator - \$44,780

Preschool Teacher - \$28,380

Funeral Home Managers - \$70,610

Human Services Assistant - \$31,700



## GENERAL TECHNOLOGY

The major in General Technology is designed to provide students with an opportunity to upgrade diploma or certificate programs into broader occupational degrees. The program is designed to be substantially individualized to meet the needs of employees who have or seek to have broad technical responsibilities. Total credit hours for this degree must equal 60 or more. Students in the following program areas, with general education courses, may earn an associate in applied science with a general major in general technology: Welding, Gunsmithing, Commercial Art, and Health Care.

A.A.S. = Associate in Applied Science

D.A.S. = Diploma in Applied Science

Source: May 2019, Occupational Outlook Handbook,  
[https://www.bls.gov/oes/current/oes\\_sc.htm#21-0000](https://www.bls.gov/oes/current/oes_sc.htm#21-0000)







# EXPECT MORE

Quality.  
Flexibility.  
Affordability.

**Choosing the right college is an important decision. And we know you have certain expectations. You don't need to lower those expectations to work toward the career you want at an affordable cost.**

Maybe you're paying for college out of your own pocket, and you want to save on the first two years of your bachelor's degree. Maybe you're interested in entering the workforce quickly, but you're unsure of the direction you should take. Whatever questions you have, Piedmont Technical College can help you find the path to a successful future.

**DON'T LET ANYTHING HOLD YOU BACK FROM FOLLOWING YOUR DREAMS. EXPECT MORE.**

**LEX WALTERS CAMPUS-GREENWOOD**

620 N. Emerald Road  
Greenwood, South Carolina  
(800) 868-5528

**ABBEVILLE COUNTY CAMPUS**

143 Highway 72 W  
Abbeville, South Carolina  
(864) 446-8324

**MCCORMICK COUNTY CAMPUS**

1008 Kelly Street  
McCormick, South Carolina  
(864) 852-3191

**EDGEFIELD COUNTY CAMPUS**

506 Main Street  
Edgefield, South Carolina  
(803) 637-5388

**SALUDA COUNTY CAMPUS**

701 Batesburg Highway  
Saluda, South Carolina  
(864) 445-3144

**NEWBERRY COUNTY CAMPUS**

1922 Wilson Road  
Newberry, South Carolina  
(803) 276-9000

**LAURENS COUNTY CAMPUS**

663 Medical Ridge Road  
Clinton, South Carolina  
(864) 938-1508

**CENTER FOR ADVANCED MANUFACTURING**

109 Innovation Drive  
Laurens, South Carolina  
(864) 682-3702

**REGISTER NOW!**

For more info, visit [www.ptc.edu](http://www.ptc.edu)  
or call **(855) 446-3864**.

