Georgia Tech | Professional Education

Bringing the World to Savannah

2018 IMPACT REPORT

Message From The Dean

Georgia Tech-Savannah has had another successful year providing education to the Coastal region and across the state. It's an exciting time at Georgia Tech as we look to the future and to serving our community in innovative new ways.

The Institute's new 20-year academic roadmap shared by the Commission on Creating the Next in Education (CNE) in the report *Deliberate Innovation Lifetime Education* points to the fundamental shift for Georgia Tech. We commit to broadening our focus from educating traditional college students, aged 18 to 24, to serving learners of all ages throughout their lives. Lifetime learners will become a rapidly growing component of Georgia Tech's student population, and the university of the future will offer pathways, credentials, and learning experiences to build careers and enhance the lives of people long after they get their undergraduate degrees.

Veterans transitioning to civilian life; business leaders and executives looking to hone their leadership skills; K-12 students seeking preparation in science, technology, engineering, arts, and mathematics (STEAM); professionals striving to build in-demand skills; and employers aiming to provide professional education for their employees – these are the community members we serve. I'm glad that we can assist them as they look to achieve their learning goals for the future.

As we celebrate and reflect on the accomplishments that have led Georgia Tech-Savannah to where it is today – a thriving hub for learners, an essential resource to industry, and a valued contributor to the Coastal region – we continue to serve our stakeholders and deliver on our promises. The future for Georgia Tech-Savannah is filled with opportunities for success and meaningful community engagement.

Nelson C. Baker, Ph.D.
Dean, Professional Education
Georgia Institute of Technology
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Message From The Director

Providing professional education to adult learners for over a century in Georgia and for a decade in Savannah, we continue to serve as the Institute's lifelong learning arm.

One highlight this year is our new partnership with Georgia Ports Authority and Georgia Center for Innovation. The memorandum of understanding, signed this summer, aims to advance the logistics industry in Georgia through economic development, research, and education. By teaming with our world-class logistics professionals, our faculty, and PhD students, this new relationship addresses the challenges and the opportunities for growth at the Georgia Ports Authority.

Another Georgia Tech project in the works is the Smart Sea Level Sensors project, a partnership between Chatham Emergency Management Agency and the City of Savannah. Georgia Tech engineers and scientists are working to install a network of internet-enabled sea level sensors across our coastal community. The data will be used for emergency planning and responses.

Georgia Tech Professional Education Military Programs, based in Savannah, continues to lead students and veterans on a successful path to civilian careers. The program was awarded for excellence twice this year: the American Association for Adult and Continuing Education (AAACE) 2018 Malcolm Knowles Award and the ACT College and Career Readiness Workforce Champion.

We also launched an online coding boot camp to provide access to everyone in our region.

With K-12 outreach, our Center for Education Integrating Science, Mathematics, and Computing (CEISMC) continues to excel. During 2018, we continued to offer summer camps for K-12 students, personalized training for teachers and parents, and robotics competitions. Through the GIFT (Georgia Intern Fellowships for Teachers) program, K-12 teachers were placed in paid summer STEM internships to give them "real world" applications that they can take back to the classroom.

Thank you, coastal Georgia, for supporting us, as we help our region evolve and excel.

Diane Lee
Executive Director,
Georgia Tech-Savannah
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Georgia Tech- Savannah

Working with the City of Savannah and Chatham County Emergency Management, Georgia Tech-Savannah is deploying an IoT sensor network that will help to improve flood warnings, emergency- response action plans, and predictions for future flood events. This smart cities project engages the community in sensor assembly and deployment to create a large network of data collection points that improves the quality of life for citizens in the region."

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Supply Chain & Logistics

The Supply Chain & Logistics Institute at the Savannah campus offers short courses and professional certificate programs in subjects such as Procurement and Supply Management and Supply Chain Project Management. We offer courses that are open for public enrollment and available privately for companies in the coastal community and elsewhere in the state. Our online courses allow learners to study at their own pace – from Customer Service to Warehouse Operations and Inventory Management.

This year at the port of Savannah, Georgia Tech's Supply Chain & Logistics Institute, Georgia Center of Innovation for Logistics, and the Georgia Ports Authority signed a MOU to support the state's logistics industry in research, innovation, and education. The MOU focuses on applied academic research, technological innovation, and knowledge dissemination, as well as on fostering investigation and implementation of next generation port logistics infrastructure, operations planning, and logistics services. Georgia Tech Savannah will be an important liaison point for these activities.

The Savannah campus saw many transitioning military members complete the Supply Chain Project Management track through the VET² program. Building project management skills within the orientation of supply chain gives veterans the opportunity to gain knowledge and problem solve with other program participants while, in turn, making them more marketable in the field of supply chain logistics.

We believe strongly in investing in the ongoing education of our employees and GTPE has been a great partner, providing custom courses, online modules and industry-relevant events at the Savannah campus."

Brian Greene
Executive Vice President, Global Supply Chain at Halstead International

The purpose of taking these courses was to advance my career and gain a greater understanding of the role that I am in with my employer. Our group was diverse in all of their roles and came from various industries, so I was able to get information they shared, and I can apply that to what I am doing in my own role."

Roz Nero
Procurement Negotiator and Proposal Specialist

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Georgia Tech Coding Boot Camp

In January 2017, the 24-week Coding Boot Camp launched. Designed to support the busy professional, classes take place on nights and weekends. Students graduate with a certificate in full-stack development and are positioned to become a frontend or backend web developer. The coding boot camps in Savannah continue to grow as demand increases.

Learners have participated through in-person and online formats with a total of 118 graduates of the coding boot camp in Savannah. Real-world web development experience in partnership with career service opportunities makes this boot camp a viable option for a career change or path to career advancement.

After a career as a chemist and then IT professional, I was eager to get my feet wet in web development. The coding boot camp changed my life. I now work at a company where I feel supported and am thriving. I apply the skills I learned in boot camp to the work I do for our clients."

Jessie Gilligan
Developer,
Focus Lab, LLC

I was very impressed with the knowledge of our instructor and teaching assistants. They all proved to be great resources during boot camp. Also, I really enjoyed working with my classmates on our hands-on collaborative projects."

Tim Dusterdieck
Developer,
Trilogy Education Services

Military Programs

Among the first of its kind in the nation, the Veterans Education Training and Transition (VET[2]) is a fully-funded program that provides education and job opportunities for veterans to help them translate military values into a successful civilian career. The courses partner service members with employers to receive classroom and online instruction. After completing online and classroom learning, veterans are able to demonstrate their skills in an internship opportunity with an employer, earn a professional certificate from a world-renowned academic institution, and are well positioned to land a civilian job.

The ongoing expansion of the program resulted in more partnerships with military bases across the state. Also, two program coordinators were hired to reach more veterans and active duty service personnel planning to transition out of the military.

The program received two notable recognitions this year including the 2018 American Association for Adult and Continuing Education Malcom Knowles Award and the 2018 ACT College and Career Readiness Workforce Champion.

The VET[2] Project Management Professional skills track was developed this year with a scheduled launch of August 2019.

James Wilburn, Director of Military Programs and Ken Harrison, Academic Program Manager received the Malcom Knowles Award from the American Association for Adult and Continuing Education.
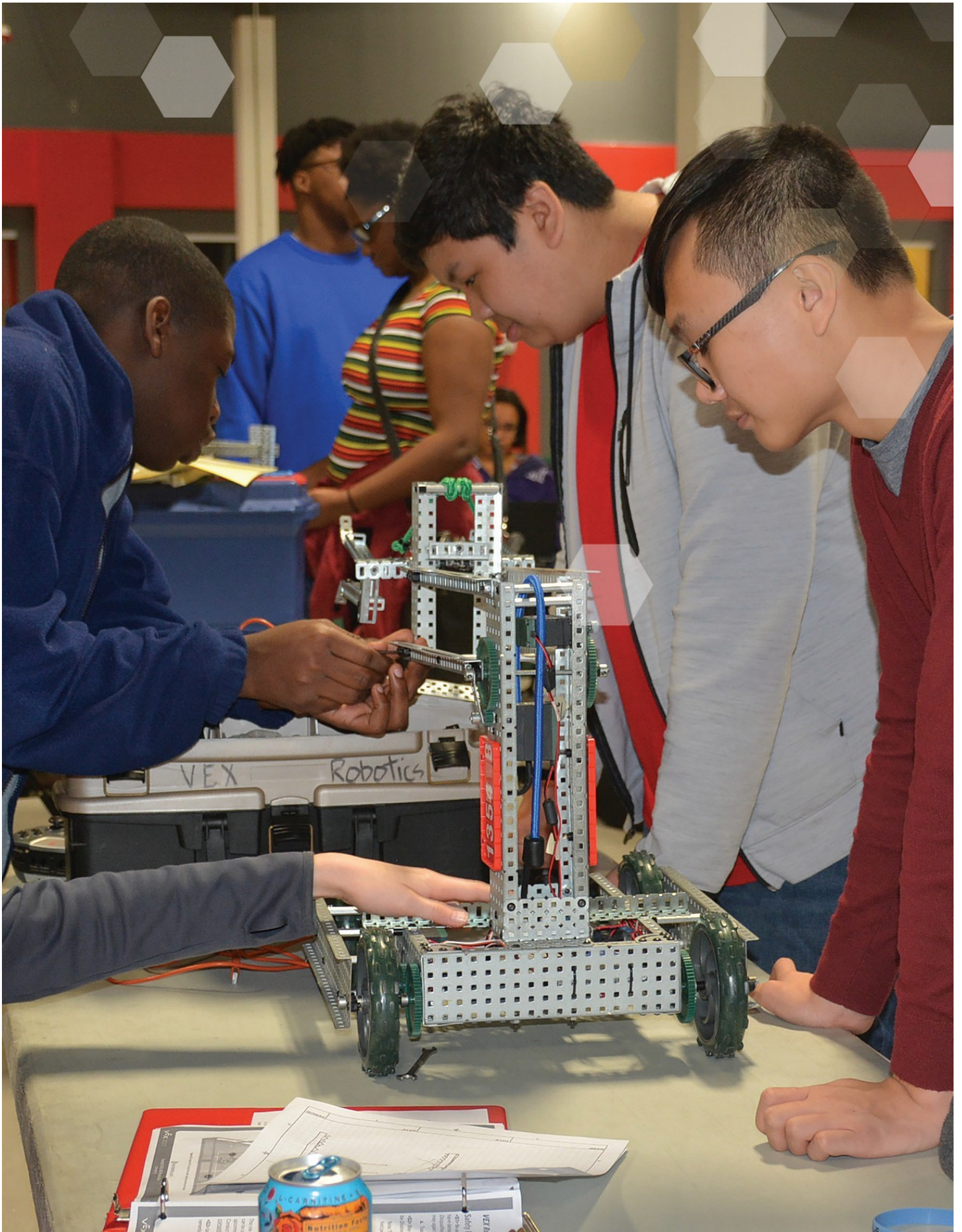
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The Lean Six Sigma Black Belt (LSSBB) certification from Georgia Tech through the VET[2] Program put me ahead of other job seekers and has helped with my studies at Harvard Business School. It helped me to look at things strategically and technically from a process standpoint."

Charles Hudson
National Security Advisor working with Booz Allen Hamilton assigned to the National Security Agency

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K-12

The Savannah Center for Education Integrating Science, Mathematics and Computing (CEISMC) focuses on yearlong K-12 programs for Savannah and surrounding counties to ensure students in Georgia receive the best possible preparation in science, technology, engineering, and mathematics (STEM). Throughout the year, programs are offered for children from kindergarten through high school, such as STEM enrichment and outreach programs, the Elementary Science Olympiad, K-12 InVenture Prize competition, and STEAM summer camps.

NEW THIS YEAR! Four professional development sessions trained 80 teachers. Two
GIFT teachers were placed in local businesses to gain hands-on STEM project experience. This is a paid internship in industry workplaces and university laboratories for K-12 science, mathematics and technology teachers. This gives teachers the "real world" application of the subjects they teach, and the experience they gain leads to significant impact in the classroom.

"We are working to have a positive impact on the quality of STEM education opportunities throughout Southeast Georgia, both in and out of the classroom."

Tim Cone
*Program Director,
CEISMC Savannah Campus*

"The Effingham County School District is fortunate to benefit from a rewarding partnership with Georgia Tech- Savannah. Our students are exposed to a number of educational opportunities through Georgia Tech's CEISMC program that they would, otherwise, be unable to experience. The program supports our district's ongoing efforts to offer students a variety of learning events in the areas of science, technology, engineering, and math."

Randy Shearhouse
*Superintendent,
Effingham County Schools*

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OSHA

Our OSHA offerings expand year after year as demand continues to grow. As one of the original four **OSHA Training Institute Education Centers**, our nationally recognized OSHA programs provide students with the skills necessary to make a positive impact, including reducing accidents, saving their companies money, lowering workers' compensation premiums, earning job promotions and increasing their salaries.

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Savannah presents a unique opportunity for the OSHA Training Institute Ed Center here at Georgia Tech. The growth of Savannah and surrounding areas, the port expansion, and the ongoing military presence, have greatly increased the need for occupational safety and health training. The Savannah campus allows us to be in a great position to have a positive impact on companies and their workers not only locally, but from South Carolina and northern Florida."

Jim Howry
Associate Director,
Georgia Tech OSHA Education Center

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Leadership Training

Georgia Tech-Savannah provides training for today's workplace leaders to develop outstanding leadership skills, foster visionaries, and tool area executives with actionable goals that will directly improve their performance as employees and their greater vision for their employers.

The "Leading Well" workshops are one or two-day seminars that address topics as varied as focused performance management, building and leading high-performance teams, maximizing innovation and improvement.

Our "Learners and Leaders" interactive breakfast sessions are designed to provide quick and timely high-level education for area leaders on topics such as technology, innovation, sustainability challenges, solutions for port regions, safety management and more. Our Learners & Leaders Series provided five courses throughout the year, with 225 learners attending.

The Learners & Leaders series provides opportunities for members of the local business community to learn from experienced professionals. I was excited to serve on the business panel for the Succession Planning breakfast. It allowed business leaders to understand the different models used to plan for the future of their company from local experts."

Al Kennickell
President,
The Kennickell Group

Georgia Tech Partnerships

The Savannah Campus supports the region's Enterprise Innovation Institute's offices for the Advanced Technology Development Center (ATDC), Georgia Manufacturing Extension Partnership (GaMEP) and the Georgia Tech Procurement Assistance Center (gtpac).

ATDC helps entrepreneurs launch and build great technology companies.

GaMEP serves Georgia Manufacturing across the state, providing a solution based approach through coaching and education designed to increase top line growth and reduce bottom line cost.
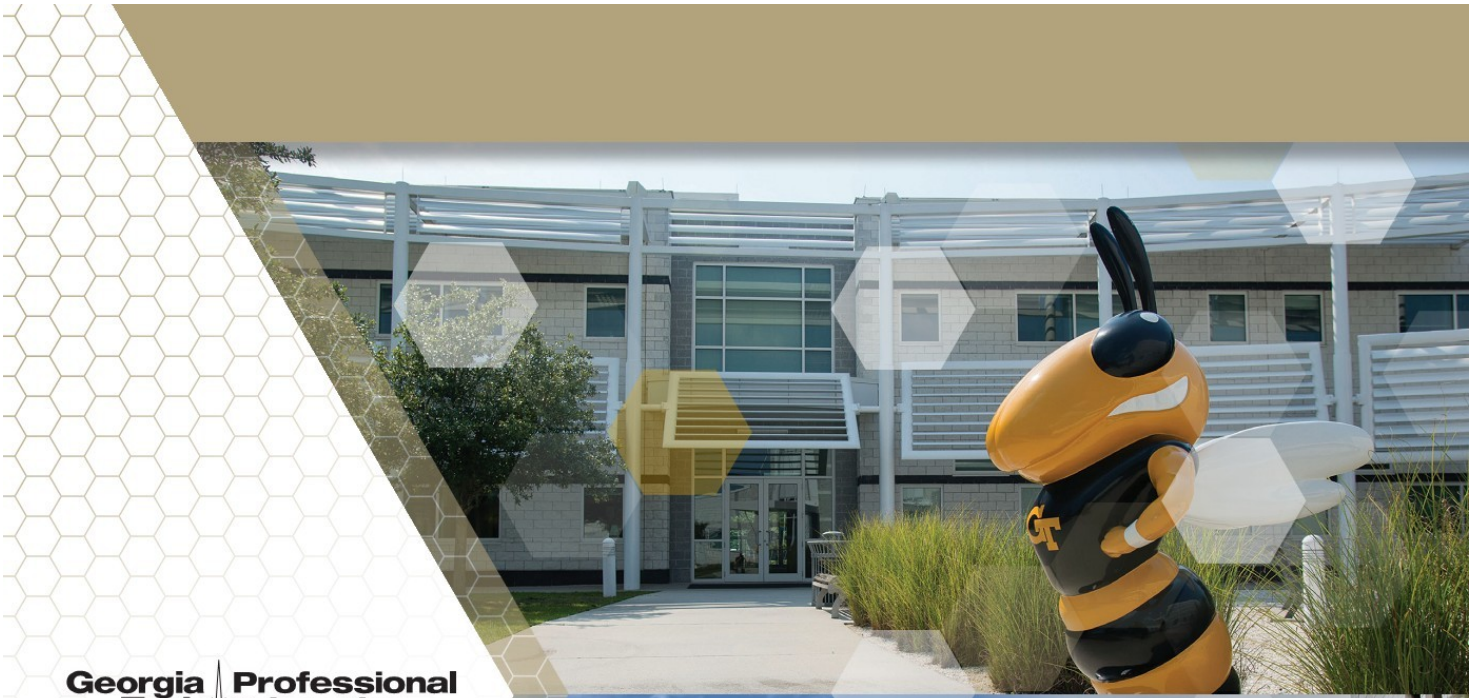
Gtpac helps Georgia businesses identify, compete for, and win government contracts. The services are of no cost to any Georgia business and provide teaching, mentoring and coaching.

The Center of Innovation for Logistics, a program of the Georgia Department of Economic Development, helps companies connect to the state's world-class logistics industry, so that they can improve supply chain efficiencies, support growth, and increase global competitiveness. One of five Centers of Innovation, this Center has offices in Savannah and Atlanta.

John Avery

ATDC is the Advanced Technology Development Center. It is a state incubator program based out of Georgia Tech that provides entrepreneurs with the connections and the curriculum they need to grow and scale their technology start-ups.

Karen Fite

The goal of the Manufacturing Extension Partnership in the Coastal region is to introduce technology solutions to the region's manufacturers to help them become more competitive.

Larry Blige

The Georgia Tech Procurement Assistance Center helps both small and large businesses, to understand the processes of doing business with government agencies.

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