2015

IMPACT REPORT

PATHWAYS to PEAK PERFORMANCE

Georgia Tech | Professional Education

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GTPE CONNECTIONS LEAD TO PEAK PERFORMANCE

As I look back on the last year, the impact of the Georgia Tech Professional Education (GTPE) connection with learners, faculty, industry partners, and our home state is clear.

These diverse groups we serve locally and globally may have different priorities and objectives but they all share a common goal: to be top performers. GTPE's role, now more than ever, is to create the pathways that lead them to peak performance.

Through our world-class faculty and instructors, our learning environments, technology infrastructure, teaching innovations, and strategic partnerships on campus and with industry giants and start-ups, we are creating the learning environments of the future. At the same time, we're amplifying faculty reach to learners around the world in formats that match learners' needs. Our learning communities enable learners to form professional networks that sustain them throughout their careers. Our workforce development initiatives play an essential role in advancing industry goals. And our connection with our home state gives rise to powerful initiatives to solve educational and economic development challenges in Georgia.

GTPE's wide-ranging activities in service to a variety of stakeholders show the crucial role our division plays in supporting learning and business communities, and in contributing to the educational and economic success to those we serve.

I believe you'll find the articles enclosed compelling examples of how we are creating pathways to peak performance. I look forward to your feedback.

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GTPE serves a diverse and growing group of learners in a variety of courses, and certificate and degree programs:

GTPE learners represent **118 COUNTRIES** around the world.

Professional development public and private courses: **11,554 learners**

Degree-seeking programs: **3,880 learners**

Language Institute courses: **1,349** English as a Second Language (ESL) students

Community outreach programs: **472 learners**

Massive open online courses (MOOCs): **249,696 learners**

Innovating for Optimal Learner Experiences

GTPE learners are unique. Their diverse, constantly changing needs distinguish them from traditional graduate or undergraduate students. As working professionals, our learners have different educational objectives at different times in their careers. And their professional obligations focus their learning needs.

At GTPE, we understand that meeting these needs takes more than educational context, excellence, and academic rigor. It takes innovation. By thinking beyond traditional boundaries, we build learning experiences and develop academic offerings that bridge specific knowledge and skill gaps.

We use pioneering technologies to build thriving learning communities regardless of distance or location. We connect learners with faculty, with each other, with resources, and with industry. The outcome? A rich, enduring network of learners and resources that lasts – and that learners can tap into – long after their coursework ends. And we're constantly exploring new ways to add value to our learners – and give them exactly what they need to be top performers at every stage of their careers.

NEWS

GTPE won a research grant from Canvas, a cloud-based learning management system (LMS) developed by Instructure, offering closed and open online courses. In collaboration with the French National Center for Scientific Research and France's Université Numérique, instructional design researchers will investigate student navigation patterns, engagement, and effective online course design, adding to what we are achieving every day with our work in learning environments.

Learner Credits Our OSHA Program for Career Success

The Georgia Tech OSHA Training Institute Education Center's (OTIEC) program is offered in partnership with GTPE to occupational safety and health professionals nationwide. Rodrigues "Rocky" Smith has attended our courses since 2009. As safety manager at Escoe Industrial Contractors, Smith directly applies the knowledge acquired in our OSHA courses to prevent workplace incidents.

He attributes his career success to our OSHA program and plans to earn more sought-after industry credentials through it. "I endorse Georgia Tech. The solid OSHA curriculum, fueled with hands-on training, and a strong professional network builds you for a successful safety career. They treat me unlike any other program – they treat me like I matter," he said.

Georgia Tech faculty experts and renowned industry researchers, representing academic units, interdisciplinary research institutes across campus, and research centers, join forces with GTPE to share their expertise. They guide our learners in a variety of courses, programs, and subject areas:

>> Online, face-to-face, hybrid, and web enhanced courses and programs

>> More than 20 STEM- and business-related subject areas

NEWS

In addition to other new courses and degrees, Georgia Tech approved 18 new massive open online courses (MOOCs) to be developed for Coursera this year including Mobile and Ubiquitous Computing, Healthcare Data Visualization, Materials Data Sciences and Informatics, Introduction to User Interface Design, and many more. GTPE MOOC offerings include 17 session-based and 6 on-demand courses, exposing our faculty to a global network of learners.

Amplifying Faculty Expertise Worldwide

Georgia Tech faculty are among the most accomplished educators, researchers, and subject matter experts in their fields. At GTPE, we work closely with faculty members Institute wide to create, develop, and deliver a range of degree-seeking and professional development programs and courses.

GTPE presents a vital platform for faculty to disseminate their research findings, knowledge, and expertise connecting them to learners and industry regionally, nationally, and globally.

GTPE instructional design, studio, and technical resources provide faculty with additional support in their exploration of new online pedagogies and technologies. By working with our staff to meet the needs of our unique learner community, faculty gain valuable new skills and develop professionally as instructors.

GTPE and Faculty Collaboration Reaps Rewards

Robert Thomas, professor of the practice and director of leadership education, Scheller College of Business, joined GTPE to teach a professional master's course in leadership development to adult learners – and found new professional growth opportunities.

Adapting course content to teach online as opposed to face to face was one of his first learning curves. He credits GTPE's instructional design team members for their guidance during the transition. "It constantly made me think about what to teach, how to hold learners' attention, and how to keep them engaged on the days when they're working on their own," he said.

He also refocused his course content to suit working adult learners, who need practical and immediately applicable rather than theoretical information. And his efforts were quickly rewarded. GTPE learners bring a wealth of experience to the classroom applying their learning immediately in their work, sharing their perspectives, and enriching the learning experience for all. As a result, these learners evolve visibly throughout the course. "I see them growing and developing as leaders in a short period of time," Thomas explained.

The professor's undergraduate students also derived benefits from his experience with GTPE. According to Thomas, the instructional design and studio team's guidance has led him to fine-tune his skills in the classroom. "I feel like they make me a better teacher," he said.

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corporate meetings and events were held in the Global Learning Center (GLC) in Atlanta and at Georgia Tech-Savannah.

2,988 companies, organizations, and industry partners were served by GTPE. Examples include:

>> **Bank of America**

>> **Argos Corporation**

>> **Concurrent**

>> **Robins Air Force Base**

>> **The Coca-Cola Company**

>> **Georgia Department of Corrections**

NEWS

In partnership with the Georgia Tech Supply Chain and Logistics Institute, GTPE has launched eight new online courses in Supply Chain Fundamentals to address the workforce need in the industry, which is predicted to grow by 26 percent between 2010 and 2020, according to the U.S. Bureau of Labor and Statistics. The courses are targeted to entry level and supervisory associates, executives new to a supply chain domain, returning veterans seeking to commercialize their skills, and others interested in building supply chain careers.

Advancing Industry Locally and Globally

GTPE's powerful connection with industry blazes a path for ever-growing collaboration – with leading organizations regionally, nationally, and globally. We bridge the gap between higher education and the workplace to advance STEM-related industries and others. How? We equip workforces from diverse fields ranging from logistics to computing – with real-world, ready-to-apply knowledge, skills, and expertise.

Industries rely on us to deliver professional education designed to address their specific workforce challenges and boost performance. Our professional master's degrees, for example, combine technical skills with business leadership to produce well-rounded future leaders for organizations of the 21st century.

Not only do we provide the learning opportunities, but also the location! From Atlanta to Savannah, our meeting and event facilities are in demand by companies large and small. The Global Learning Center (GLC) is located in the heart of Technology Square, the innovation hub of Atlanta, and offers 32,000 square feet of learning and event space. In addition, Georgia Tech-Savannah includes fully equipped meeting space managed by a dedicated staff.

New Professional Master's Degrees Advance Industry Goals

Two recently approved professional master's degrees exemplify the close collaboration between industry and the Institute to bring long-term solutions to industry specific challenges.

The Professional Master's in Sustainable Electrical Energy (PMSEE) is targeted to working engineers in the electrical energy and power industry. The degree is designed to address the gap between the knowledge of professional engineers entering the workforce and the knowledge required to master current and future renewable technologies. The Professional Master's in Manufacturing Leadership (PMML) answers an industry need for the next generation of manufacturing leaders. This degree is geared to working professionals in manufacturing, and aims to deliver manufacturing-specific, technical, leadership, and management training.
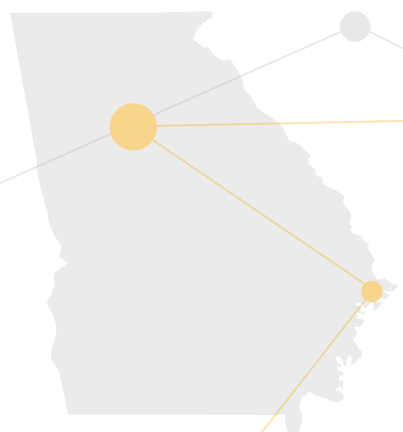
PMSEE will be offered in partnership with GTPE and the School of Electrical and Computer Engineering (ECE). PMML will be offered in partnership with GTPE, the Renewable Bioproducts Institute (RBI), and the College of Engineering (CoE).

GTPE is a partner to the state of Georgia, devising solutions to support state educational goals by developing programs to address the needs of a range of communities:

›› **Georgia Tech Undergraduate Students:**
Summer Online Undergraduate Program (SOUP)

›› **High School Students:**
Distance Calculus

›› **K-12 Students:** Summer Camps, STEM Enrichment at Georgia Tech-Savannah

›› **Veterans:** Veterans Education Training and Transition Program (VET[2]) at Georgia Tech-Savannah

›› **Coastal Region Business Community:**
Public and Private Courses

Solving Challenges for Georgia

At GTPE, we understand that community strength, growth, and prosperity translate to optimal performance for all. That's why we develop specific programs to support state educational needs. For example, we offer the Summer Online Undergraduate Program (SOUP) to help our state reach its goal to reduce time to graduation. SOUP enables Georgia Tech undergraduates to accelerate their degrees by completing required courses during the summer term.

GTPE provides calculus courses online for college credit, giving Georgia high school students an opportunity to challenge themselves and get a head start on college. At Georgia Tech-Savannah, enrichment programs and summer camps expose K-12 students to STEM-related subjects. And our Veterans Education Training and Transition Program (VET[2]) is designed to help former military personnel adapt to and prosper in the civilian workforce.

Georgia Tech-Savannah serves as a hub for professional and economic development opportunities forming strategic alliances with companies such as Gulfstream Aerospace Corporation to boost business activity in the Coastal Region.

GTPE's Champion of Veterans Appointed to State Workforce Development Board

James Wilburn, director of military academic programs for GTPE, was appointed to the State Workforce Development Board by Governor Nathan Deal. Wilburn's track record includes his leadership of the Veterans Education Training and Transition Program (VET[2]). The first of its kind in the nation, VET[2] placed Georgia and GTPE in the spotlight for finding meaningful solutions for a community facing a challenge: veterans seeking civilian employment.

NEWS

Georgia Tech-Savannah has launched a new program to meet the educational needs of the business community in the Coastal Region. The Georgia Tech Learning Series is designed to support business professionals and provide thought leaders with a forum for addressing and discussing hot topics in the corporate structure.

GTPE by the Numbers ❯

	FY15		FY14		% CHANGE	
	UNIQUE ENROLLMENTS	TOTAL ENROLLMENTS	UNIQUE ENROLLMENTS	TOTAL ENROLLMENTS	UNIQUE ENROLLMENTS	TOTAL ENROLLMENTS
Graduate Degree-Seeking Enrollments						
Master of Science	3126	7008	906	1936	245	262
Professional Master's	119	407	121	397	-2	3
Undergraduate Degree-Seeking Enrollments						
[1]SOUP	171	243	89	112	92	117
High School	464	898	335	654	39	37
Total Degree-Seeking Enrollments	**3880**	**8556**	**1451**	**3099**	**167**	**176**
Professional Development Enrollments						
Public	8542	11,599	7371	9823	16	18
Private	3012	3663	2346	2910	28	26
Language Institute	1349	7856	1391	9351	-3	-16
Community Outreach Programs	472		328		44	
[2]MOOC Enrollments	249,696		408,833		-39	
MOOC Completions	4873		12,137		-60	
[2]**Total Professional Development Enrollments**	**18,248**	**28,463**	**23,573**	**34,549**	**-23**	**-18**
TOTAL ENROLLMENTS	**22,128**	**37,019**	**25,024**	**37,648**	**-12**	**-2**
Course Data						
Program Certificates Offered	44		44		0	
Course Offerings: Public	705		682		3	
Course Offerings: Private	237		192		23	
Course Offerings: Language Institute	578		656		-12	
Course Offerings: MOOCs	16		17		-6	
Learning Credentials Awarded						
Masters Degrees	148		139		6	
Prof. Development Program Certificates	781		779		0	
ESL Program Certificates	929		1254		-26	
CEUs	44,684		49,583		-10	
Companies/Organizations Served						
Public Professional Development	2743		2662		3	
Private Professional Development	245		285		-14	
Events						
Global Learning Center	208		211		-1	
Georgia Tech-Savannah	75		49		53	
Revenues-GTPE						
Operating Revenue (tuition, sales, other)	$33,820,249		$28,693,254		18	
[3]State Funding	$6,117,947		$7,905,454		-23	
TOTAL	**$39,938,196**		**$36,598,708**		**9**	
Dollars Returned to Units						
Revenue Share	$7,376,873		$5,573,623		32	
Instructional Fees	$5,358,031		$3,579,307		50	
Development Funds	$226,180		$436,791		-48	
TOTAL	**$12,961,084**		**$9,589,721**		**35**	

[1] SOUP numbers reflect summer of the fiscal year, which is not the most recent summer. For example, FY15 numbers include numbers from summer 2014.
[2] Total professional development enrollments includes MOOC completions but not MOOC enrollments.
[3] State appropriations for Atlanta and Savannah. Reduced due to central Georgia Tech Administration taking over the lease payments for Savannah in FY15.

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