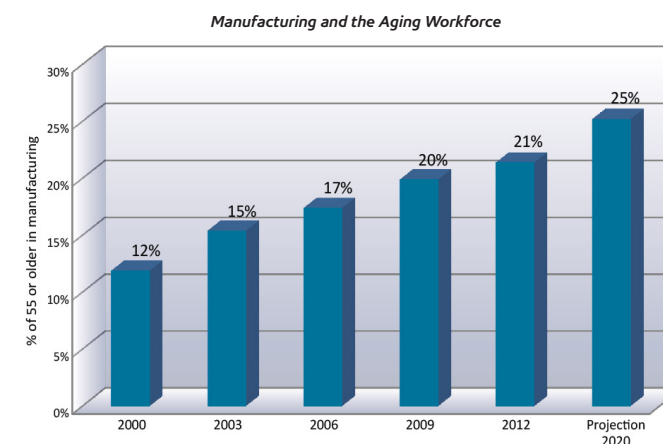


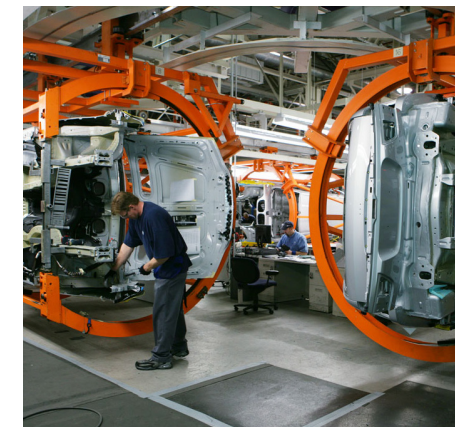
FY 2014-2015 System Funding Request — \$12.5 Million

Expanding workforce training and education capacity and enhancing economic development by creating a pipeline of highly skilled workers.

The System requests \$5.0M in recurring base funding and \$7.5M in non-recurring for equipment. This necessary funding will allow us to sustain affordable tuition and to prepare students, many of whom are low-income and first-generation college students, for competitive, high-demand jobs in the state.



Since 2009, South Carolina has seen tremendous growth in manufacturing jobs while at the same time experiencing a significant decline in state appropriations. This manufacturing growth requires a well-educated and well-trained workforce. Building this highly skilled workforce is essential to sustaining South Carolina's economy for today and the future. As business and industry plan for new and expanding positions, they have issued the call for more graduates and skilled workers. In addition, retirement projections and the advanced technological nature of today's industry increase the complexity of workforce challenges.



Our Challenges

Competitive Partner: To be able to remain a globally-focused and competitive partner in the economic development efforts of the State.

Capacity (Instruction): To be able to deliver exceptional instruction and educational program for credit and non-credit when infrastructure is operating at or near its capacity.

Capacity (Faculty): To be able to hire and retain highly experienced and credentialed faculty who can effectively train students on cutting-edge equipment that simulates the workplace.

Accreditation: To be able to ensure labs, equipment and curriculum for a broad range of unique programs meet all accreditation and industry certification standards.

Job Projections and Replacements: To be able to meet projected job growth in manufacturing, healthcare and STEM-related fields over the next five years — 40,000 new jobs and over 7,300 replacements due to retirements.

Our Commitment

The SC Technical College System, true to its historic mission, remains committed to creating a dynamic workforce through high-quality education and training programs.

Accessibility and Affordability



Increase the opportunity for South Carolinians to obtain a post-secondary education and specialized training by providing market-driven programs at a reasonable, affordable tuition.

Student Success



Enhance the employability of South Carolinians by providing quality training and education with job-ready credentials for successful employment or entrepreneurship in a global economy.

Program Excellence



Ensure a quality higher education for South Carolinians by continually examining and enhancing the quality, rigor and relevance in all academic and training opportunities.



Aiken Technical College must make a considerable investment in equipment for mechatronics, machine tool, welding, and engineering technology programs to meet expected workforce needs. Graduates from these programs are in high demand from local manufacturers, and their expectation is that ATC graduates will be trained on current technology. In addition, increased demand for graduates in STEM programs require upgrades in science laboratories.

Current Partners: Bridgestone Americas and Tognum America



Central Carolina Technical College's growing industrial technology division requires immediate attention towards faculty. Meeting the increasing demand from area manufacturers for a skilled pipeline of students hinges on the college's ability to attract and retain quality faculty. In addition, equipment upgrades within the welding and mechatronics departments will ensure students have the most up-to-date, relevant training experience demanded by industry.

Current Partners: Continental Tire and Eaton Corporation



Denmark Technical College will invest in state-of-the-art equipment to enhance the advanced welding, mechatronics and CNC programs. These upgrades are needed to support the high-tech manufacturers as they request job skills training for workforce readiness.

Current Partners: Masonite Corporation, Horsehead Corporation, Kronotex, and Georgia Pacific



Florence-Darlington Technical College is in a region with many manufacturing firms. These manufacturers currently need skilled workers with credentials in the areas of mechatronics, machine tool (CNC), industrial maintenance and welding. FDTC intends to focus on utilizing QuickJobs

to provide credentials to students in these high-demand areas. FDTC will update and upgrade machinery and equipment to ensure that students have the cutting-edge skills needed for employment in the manufacturing arena.

Current Partners: Sonoco and Rock-Tenn



Greenville Technical College has a significant need for equipment upgrades in order to stay current with advanced manufacturing training and to meet the volume of students interested in pursuing particular fields. Manufacturers in the area are demanding more skilled workers, and funding is needed to recruit and retain faculty and upgrade essential equipment. Training requires more automated processes through simulations in the labs. Faculty must be able to teach the latest processes so that students will be prepared to enter the workforce with all the necessary skills.

Current Partners: BMW, GE, Michelin, ADEX Machining Technologies and Bosch Rexroth



Horry-Georgetown Technical College is experiencing unprecedented demands from area employers for students with advanced manufacturing skills, particularly in engineering, robotics, mechatronics, welding and CNC/machine tool careers. To provide a pipeline of skilled and trained employees, the college requires an investment in facility, essential equipment and faculty to meet the ever-increasing demands of its regional manufacturing constituency.

Current Partners: International Paper, STK Telecommunications, Conbraco Industries, Metaglass, Georgetown Steel



Midlands Technical College faces significant demand from key economic

cluster employers, including healthcare, information technology, energy and manufacturing fields to increase the student pipelines for STEM-based industries in the Midlands. Attracting and retaining students in the college's credit and continuing education programs designed to address these needs requires funding for comprehensive marketing, advertising and recruitment strategies; the acquisition of sophisticated, state-of-the-art equipment; and the hiring of specialized faculty to provide the skills students need to be competitive.

Current Partners: Michelin, Pure Power, Nephron, BlueCross/Blue Shield, SCE&G



Northeastern Technical College's three-county service area has recently seen significant investments from the manufacturing industry that have, in turn, created new jobs and the need for additional training programs. The college has initiated two new training centers in Pageland and Bennettsville to meet the needs of local industry. These growing demands require updates, upgrades and investments in equipment for these manufacturing-related training programs.

Current Partners: Domtar and Schaeffler Group USA



Orangeburg-Calhoun Technical College has invested in their industrial programs over the last two years in equipment and infrastructure as the demand for these programs continues to increase. Presently, in order to meet the demands of industry, equipment upgrade needs fall in the fields of CNC operations, alternative-fuel vehicles training, robotics and welding.

Current Partners: GKN Aerospace, Koyo, and Husqvarna.



Piedmont Technical College recently opened and equipped a Center for Advanced Manufacturing (CAM) in Laurens County and an expanded campus in Newberry County. Enrollment in PTC's industrial programs has grown more than 60% over the past five years. PTC will continue to grow these areas by adding full programs in mechatronics, welding, machine tool & CNC technology and precision metrology in Laurens; mechatronics in Newberry; and by expanding industrial and engineering technology enrollment overall. These programs will require training equipment, as well as qualified instructors. Along with augmented cus-

tomized training offered through continuing ed, these programs will be supported by build-out of CAM Phases II & III, build-out of two fully-equipped industrial labs in Newberry and by significantly expanding industrial and engineering training facilities on the Greenwood campus.

Current Partners: Eaton, Georgia Pacific, ZF Transmissions, Caterpillar, Milliken, Capsugel



Spartanburg Community College's most immediate concern is

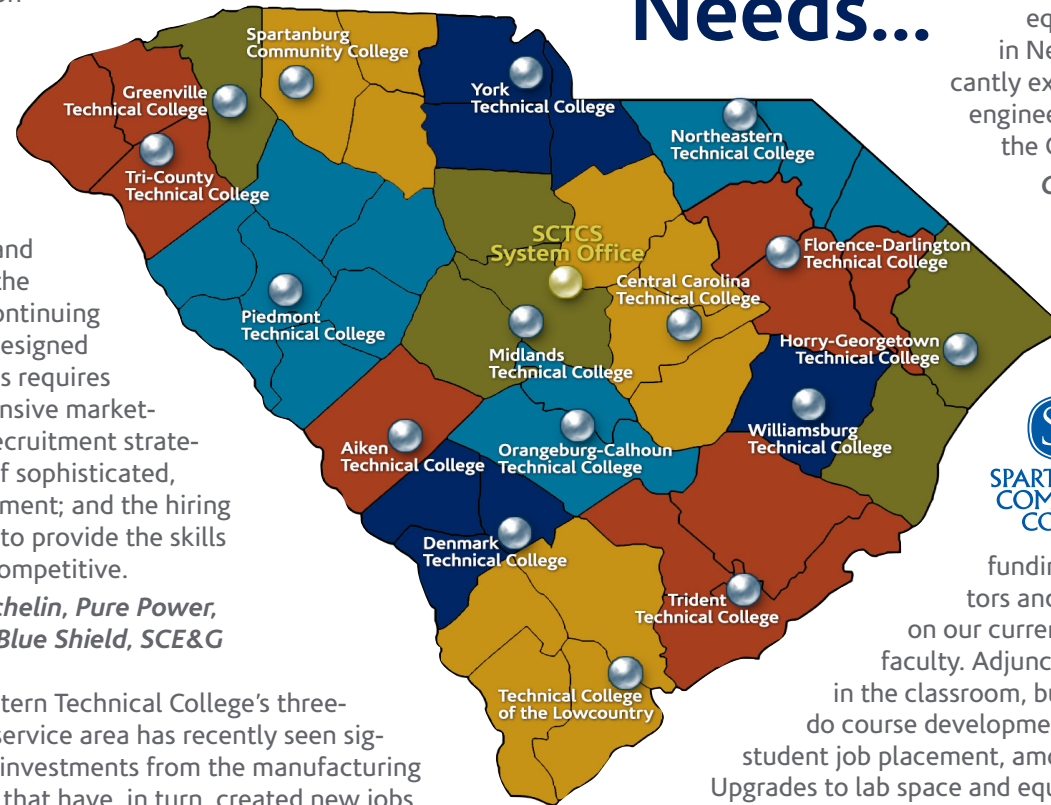
funding for full-time instructors and reducing dependency on our current high use of adjunct faculty. Adjunct faculty are very good in the classroom, but are not available to do course development, student advising and student job placement, among other college duties. Upgrades to lab space and equipment such as mechatronics, CNC and machine tool, as well as course guides will ensure the college has the number of skilled graduates needed by business and industry.

Current Partners: Lear Seating, Cooper Standard, Gonvauto, and Ace Bakery



Technical College of the Lowcountry has made strides in providing current, relevant instruction in introductory levels of CNC and industrial maintenance, industrial electronics and welding. However, TCL needs additional equipment to enhance the instrumentation necessary to provide more advanced instruction in precision machining and to provide instruction in advanced automation as requested by local industries. TCL needs significant upgrades to its information technology infrastructure to support remote de-

"My College Needs..."



livery of courses in our rural areas. Additionally, TCL struggles to maintain the level of simulators and medical instruments and devices needed to provide instruction for health sciences students in an environment reflective of the workplace.

Current Partners: Daniel Defense, Hilton Head Hospital



Tri-County Technical College needs to continuously refresh instructional equipment because manufacturers in

the college's service area expect graduates to "hit the ground running" with the skills needed to operate workplace technology. In particular, upgrades to CNC and robotics equipment are badly needed to meet current industry demands, both in skill sets and numbers of employees. Supporting local industry growth and success will require that the college replenish electronic training tools and equipment on a 3-5 year cycle.

Current Partners: Michelin, Bosch, Borg Warner, US Engine Valve, First Quality Paper, and BMW



Trident Technical College is recognized by the community as the regional leader in workforce

development; as a result, the college's enrollment has grown 46.1% since 2003. The College's three-county service area has experienced significant growth in investment and job creation within the manufacturing sector, especially within the aerospace industry. To keep up with the demands of industry, the college requires new and upgraded equipment for the industrial maintenance, machine tooling, aircraft manufacturing and maintenance technology, avionics, science and technology, and health science programs as well as an investment in infrastructure for an aeronautical facility.

Current Partners: Boeing, Kapstone and Bosch



Williamsburg Technical College is reinstating a program in the mechanical and electrical field due to demand from local industry. Due to the fact the program has been dormant, equipment upgrades and qualified faculty are essential for

ensuring students receive the proper training and experience. Also in response to local demand, which exceeds our current capacity, WTC is expanding Allied Health and nursing programs. Additional equipment and qualified faculty are required.

Current Partners: Tupperware, Santee Electric Cooperative, Farmers' Telephone Cooperative



York Technical College's manufacturing education and training capabilities hinge on the college's ability to employ

faculty that is well-trained on the latest technology and equipment, and the college's ability to provide students with a real-world training experience. Upgrading and replacing existing equipment, such as welding machines, CNC mills, lathes, etc., are top priorities for ensuring the pipeline of students entering the manufacturing field have the skills necessary to meet the industry's job requirements.

Current Partners: Schaeffler and Meritor