



Goal Progress Report

Program: Construction and Building Science Technology

Report period: 2016 – 2017

Goals	Request & Justification/Resources	Goal Progress	Strategies Implemented & Follow-up
1.) Increase enrollments in Construction and Building Science Technology due to the growth in demands of the construction industry. This must be done by advertising and recruiting efforts at the local High Schools and the community.	<p>CBST departmental faculty travel to local career fairs organized by local High Schools and other local professional building industry organizations. (\$1200.00 annually)</p> <p>Advertisement material needed for CBST Department: -Annual cost of \$3,000 for departmental brochures, posters, and mass potential students' mail. Annual cost of \$1,000 Local High Schools Career Counselors and faculty luncheon. Annual cost of \$3,000 for advertisement via internet, print material, etc.</p>	<p>This goal has been satisfied for the reporting period however this is an ongoing goal and will continue.</p> <p>With strong efforts, the department has witnessed over 41% growth in enrollments for 2015 and 2016 compared to two-year average enrollments for 2013 and 2014.</p> <p>Local High School Counselors were invited to join CBST Industry Advisory Board Meeting to be cognizant of Jeff State Construction and Building Science.</p>	<p>The Program Coordinator and the faculty will continue to participate in recruitment events and other opportunities to promote the program. This effort will include inviting local High School Counselors to CBST meetings.</p> <p>The Program will continue communication with local professional building organizations and local high school counselors to promote CBST.</p>

<p>2.) Offer the latest computer/software technology available to the construction and architecture industries.</p>	<p>Software Requirements for the department are:</p> <ul style="list-style-type: none"> - Microsoft Project Software (Academic edition with no charge to JSCC) - On Screen Takeoff Software (Academic edition with no charge to JSCC) <p>CBST requires the following items:</p> <ul style="list-style-type: none"> • three 8 ½" x 11" laser printer for the computer labs and office. • Projector and screen for conference room 	<p>This item is complete for the reporting year. However, items are needed for upcoming academic years and will continue into upcoming years as needs arise.</p> <p>All computers in CBST labs have been updated with On Screen Takeoff (OST) Construction Estimating Software and Microsoft Project.</p> <p>CBST computer labs are updated with the latest version of Auto CAD each year.</p>	<p>The IAC along with the CBST faculty review and determine the adequacy of department hardware and software twice a year during IAC meetings. Estimate for the following items are:</p> <ul style="list-style-type: none"> • three 8 ½" x 11" laser printer for the computer labs and office: \$1500 • Projector and screen for conference room: \$850 • Print Head for one of the Large Format Printer (Plotter): \$150 • Other are needed
<p>3.) Update all lab equipment and spaces to better meet faculty and student needs.</p>	<p>Equipment Needs:</p> <ul style="list-style-type: none"> - Concrete Testing Tank (\$300.00) <p>Supply Needs</p> <ul style="list-style-type: none"> - Concrete Testing (\$1,000 annually) - Printer Lab (\$3,000 annually) - Wood Shop Tools and Supplies (\$6,000 annually) 	<p>This goal has been satisfied for the reporting period and will continue each academic year.</p> <p>The wood shop remodel work in HMB is complete and equipped with some new power tools and other required equipment. This gives the CBST students the opportunity to have close access to the wood shop for their class projects without spending their time in travelling.</p>	<p>Equipment and supply recommendations will be requested by faculty and ordered by the Program Coordinator.</p>

		The department continues to identify supply needs for the concrete testing lab, surveying lab and the wood shop in an effort to meet student and instructor needs.	
4.) Explore and/or develop new offerings in Construction and Building Science to accommodate for a wider variety of student population.	Part-time Instructor was Mr. John Garrison. He performed all teachings for Ironworker Short Certification and did not charge for his services.	<p>This goal has been satisfied for the reporting period and will continue as needed.</p> <p>CBST at Jefferson State with partnership of Garrison Steel, a local steel manufacturing company, started its first session in Spring 2017 and was completed in two Mini-Semester. Twenty-Two Dual Enrollment High School students from Pell City and Talladega School Systems participated in this program. Fifteen of these students successfully completed the required Ironworker Level I courses. Classes were conducted at Jeff State Pell City Campus and Garrison Steel Training Center at Pell City. This credited certification was approved by SACS and ACCS.</p>	The department will continue to communicate with local building industry to identify the local and national needs for specific workforce.
Submission date: 10-26-2017		Submitted by: Mike Safavi, Program Coordinator	