**Construction and Building Science Unit Goal Revisions**

**2016 - 2017**

**Revised Unit Goals for 2016-2017**

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| **Unit Goals** | **Objectives** | **Method of Assessment** | **Additional Funding Required** |
| |  | | --- | | **1.) Include and offer a mix of foundational and progressive construction and architecture/Civil courses to prepare students for real world of industry experiences.** |   ***Program Outcomes***  *1. 90% of employers surveyed will indicate that graduates were adequately prepared for entry level positions.*  ***Program Level Student Learning Outcomes:***  *2. Function effectively as a team member or as the leader of a team.*  *3. Possess an understanding of professional and ethical responsibilities present in construction management.* | **a.)** Review of program courses by students, instructors and industry Advisory Board (IAB) is needed to ensure the department is meeting the needs of industry.  **b.)** Curriculum changes are to be identified by the department, the IAC, and approved by the Dean and the Curriculum Committee. | **a.)** Student Learning Outcomes (SLOs) are completed each semester in every CBST course. This is also a new American Council for Construction Education (ACCE) Accreditation requirement.  **b.)** The Program Coordinator is responsible for distributing, organizing and reviewing SLOs each semester.    **c.)** SLOs are reviewed annually by the IAC at the Spring meeting.    **d.)** Adjustments to CBST courses and curriculum are reviewed, requested and then implemented. | **a.)** Two Industry Advisory Committee meetings annually, one in Fall and one in Spring Semester.  ($700.00 annually) |
| **2.) Update all lab and faculty office equipment and spaces to meet faculty and student needs.**  ***Program Level Student Learning Outcomes:***  *1. Be able to solve construction management problems using mathematics, science and problem solving skills.*  *2. Function effectively as a team member or as the leader of a team.*  *5. Be able to plan, direct and coordinate construction projects.* | **a.)** Identify equipment needed for concrete testing lab, wood shop, and surveying lab on annual basis.  **b.)** Identify material and supply needed for concrete testing lab, wood shop, and surveying lab on annual basis.  **c.)** Update faculty office furniture and office equipment as needed. | **a.)** Equipment, material and supply will be requested by faculty as needed and ordered by the Program Coordinator.  **b.)** faculty office furniture and equipment will be identify by faculty and approved by Program Coordinator as needed and ordered by the Program Coordinator. | **a.)** Required material and supplies:  - Concrete testing supplies: $1,000 annually.  - Printer lab: $3,000 annually.  - Wood shop tools, safety equipment, and supplies: $6,000 annually.  **b.)** Faculty office furniture and equipment needed:  - Program Coordinator office furniture and equipment: $5,000.  - Faculty office furniture and equipment: $3,000.  - Additional student desks and working stations: $3,000. |
| **3.) Offer the latest computer hardware and software technology available to the construction and architecture industries.**  ***Program Outcomes***  *1. 90% of employers surveyed will indicate that graduates were adequately prepared for entry level positions.*  ***Program Level Student Learning Outcomes:***  *1. Be able to solve construction management problems using mathematics, science and problem solving skills.*  *5. Be able to plan, direct and coordinate construction projects.* | |  | | --- | | **a.)** The hardware requirements within the department are depend upon the software requirements. | | **a.)** CBST Industry Advisory Board (IAC) along with the CBST faculty determines the adequacy of the department’s computer hardware and software twice a year during IAB meetings. | **a.)** Software Requirements for the department are:  - Autodesk (CAD)  ($6,465.5 annually)  - QuickBooks Pro  ($3,000 annually)    **b.)** Estimated annual cost for Associated Schools of Construction CBST Program membership is $260.00. |
| **4.) Secure Articulation Agreements with local and near proximity out of state universities that offer Construction Bachelor Degrees.**  ***Program Outcomes***  *2. 80% of graduates will be employed in field, enrolled in college or in the military within one year of graduation.* | **a.)** Universities that offer Construction Bachelor Degree in neighboring states will be identified.  **b.)** Line of communication will be established with such universities and, their potentials will be explored.    **c.)** Continue to communicate with Auburn University Building Science School regarding an Articulation Agreement between the two schools. | a.) JSCC articulation agreement with Tuskegee University’s Construction Science and Management (CSM) will be utilized as a sample instrument to introduce CBST intentions for such Articulation Agreements. | a.) Faculty travel to universities in neighboring states ($2,000) |