

Assessment: Assessment Unit Four Column



Program (CAAD) - Building Construction Science (BS)

Unit Mission Statement: By means of a problem-based learning pedagogy that involves the use of case studies, precedents and integrated of multiple subject areas, the Building Construction Science program will prepare graduates with a clearly defined management skill set for careers in construction or construction-related fields where effective decision-making, problem-solving and multiple forms and levels of management are required.

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Does this program hold any specialized accreditation that may influence its outcomes and measures?: Yes

Location(s): Starkville

Location(s) Revised 2017: Starkville

<i>Expected Outcomes (Column 1)</i>	<i>Assessment Procedures (Column 2)</i>	<i>IE Results</i>	<i>Use of Results (Column 4)</i>
<p>Create written communication - 1. Students will create written communications appropriate to the construction discipline</p> <p>Outcome Status: Currently Assessing</p> <p>Outcome Type(s): Student Learning</p> <p>Start Date: 07/01/2018</p>	<p>Starkville - Students in BCS 4116 Building Construction Studio 5 will complete the Project 8B: Foundation Delays. While completing this project, students prepare daily reports and schedule and budget updates, as identified in the Fall 2018 syllabus for this course.</p> <p>Criterion (Column 2) : 70% of the students will score 70% or better on the written communication part of the rubric.</p> <p>Related Documents: Project 8B Foundation Delay Rubric Fall 2018.pdf BCS 4116 Studio V Fall 2018 Syllabus.pdf</p>	<p>Assessment Result Year: 2018 - 2019</p> <p>Criterion Met?: Yes-Criterion Met</p> <p>In Fall 2018, 29 students completed Project 8B and were evaluated by their "Weather Delay Daily Reports." Of those 29 students, 27 (93.1%) scored 70% or higher. The average score was 93.6% out of 100. A student sample with completed rubric is provided to provide evidence of the type of work completed for this project. (10/03/2019)</p> <p>Related Documents: SLO 1 Report- Fall 2018.xlsx SLO1_BCS4116_F18_Student Sample.pdf</p>	<p>Use of Results (Column 4): Students in this class demonstrated proficiency in written communication skills. 24 out of 29 scored 100% on the written portion of the assignment. This measure will be re-assessed in fall 2020. (10/03/2019)</p>
	<p>Starkville - Alumni, employers, and graduating senior students will complete surveys about their experiences in BCS. Response</p>	<p>Assessment Result Year: 2018 - 2019</p> <p>Criterion Met?: Yes-Criterion Met</p> <p>During 2018-19, 13 alumni, 7 employers, and 25 graduating seniors completed the BCS survey. The following results</p>	<p>Use of Results (Column 4): Written communication is considered one of the strengths</p>

Expected Outcomes (Column 1)	Assessment Procedures (Column 2)	IE Results	Use of Results (Column 4)
	<p>options range from 1 at totally disagree to 5 at totally agree. Criterion (Column 2) : 70% of survey respondents will rate the BCS program at 4 or higher on the question "How well did the program help you create written communications appropriate to the construction discipline."</p>	<p>frequencies were recorded for the written communication question: - 20 out of 25 (80%) senior students responded 4 or 5 - 7 of our 7 (100%) employers responded 4 or 5 - 11 out of 11 (100%) alumni responded 4 or 5 (note: 2 did not respond to this question) (10/03/2019) Related Documents: Senior Evaluations_spr19.xlsx Sept 18-Alumni Surveys.pdf Sept18-Employer Surveys.pdf</p>	<p>for our students. (10/03/2019)</p>
<p>Create oral presentations - 2. Students will create oral presentations appropriate to the construction discipline Outcome Status: Currently Assessing Outcome Type(s): Student Learning Start Date: 06/24/2019</p>	<p>Starkville - Students in BCS 2116 Studio 1 will deliver an oral presentation as part of the Harmon Hotel Case Study. Criterion (Column 2) : 70% will score 70% or higher on the presentation portion of the rubric. Related Documents: SLO-2 Assignment.pdf Fall 2019 BCS 2116 Syllabus.pdf</p>	<p>Assessment Result Year: 2018 - 2019 Criterion Met?: Yes-Criterion Met In Fall 2018, there were 2 sections of BCS 2116. In the first section, 18/20 (90%) of the students scored 70% or higher on the oral presentation portion of the assignment, and second section had 14/18 (78%) score 70% or higher on the oral presentation. The data sheet, a sample of how a student was evaluated on this standard, and a copy of the student's work that was evaluated are included as evidence for this assessment. (10/03/2019) Related Documents: SLO-2 Report Fall 18.xlsx SLO-2 Student Graded Work Part I.pdf SLO-2 Student Work-Part II.pdf</p>	<p>Use of Results (Column 4): No problem areas are noted for this assessment, and data are being collected again in fall 2019. (10/03/2019)</p>
	<p>Starkville - Alumni, employers, and graduating senior students will complete surveys about their experiences in BCS. Response options range from 1 at totally disagree to 5 at totally agree. Criterion (Column 2) : 70% of survey respondents will rate the BCS program at 4 or higher on the question "How well did the program help you create oral presentations appropriate to the construction discipline."</p>	<p>Assessment Result Year: 2018 - 2019 Criterion Met?: Yes-Criterion Met During 2018-19, 13 alumni, 7 employers, and 25 graduating seniors completed the BCS survey. The following results frequencies were recorded for the oral communication question: - 22 out of 25 (88%) senior students responded 4 or 5 - 7 of our 7 (100%) employers responded 4 or 5 - 12 out of 12 (100%) alumni responded 4 or 5 (note: 1 did not respond to this question) (10/03/2019) Related Documents: Senior Evaluations_spr19.xlsx Sept 18-Alumni Surveys.pdf</p>	<p>Use of Results (Column 4): No action necessary. (10/03/2019)</p>

Expected Outcomes (Column 1)	Assessment Procedures (Column 2)	IE Results	Use of Results (Column 4)
<p>Create safety plan - 3. Students will create a construction project safety plan Outcome Status: Currently Assessing Outcome Type(s): Student Learning Start Date: 07/01/2018</p>	<p>Starkville - Students in BCS 3116 Studio 3 will complete a Safety Plan Criterion (Column 2) : 70% will score 70% or higher on the project. Related Documents: BCS 3116 Syllabus F18.pdf</p>	<p>Assessment Result Year: 2018 - 2019 Criterion Met?: Yes-Criterion Met In Fall 2018, 28 out of 28 (100%) students scored 70% or higher on this project. A copy of the grade report indicates the individual student scores. Two samples of student work are included as part of the documentation for this assessment. (06/28/2019) Related Documents: SLO-3 Report.xlsx SLO-3 Final Safety Plan Student work.docx SLO-3 Final Safety Plan Student Work 2.docx</p>	<p>Use of Results (Column 4): The plan presentation has been added to the class grade rubric for better tracking in the future. (06/28/2019)</p>
<p>Create cost estimates - 4. Students will create construction project cost estimates Outcome Status: Currently Assessing Outcome Type(s): Student Learning Start Date: 07/01/2018</p>	<p>Starkville - Alumni, employers, and graduating senior students will complete surveys about their experiences in BCS. Response options range from 1 at totally disagree to 5 at totally agree. Criterion (Column 2) : 70% of survey respondents will rate the BCS program at 4 or higher on the question "How well did the program help you create a construction project safety plan."</p>	<p>Assessment Result Year: 2018 - 2019 Criterion Met?: No-Criterion Not Met or Not Applicable During 2018-19, 13 alumni, 7 employers, and 25 graduating seniors completed the BCS survey. The following results frequencies were recorded for the safety plan question: - 6 out of 25 (24%) senior students responded 4 or 5 - 4 of our 7 (57%) employers responded 4 or 5 - 8 out of 13 (62%) alumni responded 4 or 5 (10/03/2019) Related Documents: Senior Evaluations_spr19.xlsx Sept 18-Alumni Surveys.pdf Sept18-Employer Surveys.pdf</p>	<p>Use of Results (Column 4): Spring 2019 was the first semester where the current construction estimating book was used. We will check the senior surveys in Spring 2022 to confirm an improvement of estimating concepts. (08/19/2019)</p>

Expected Outcomes (Column 1)	Assessment Procedures (Column 2)	IE Results	Use of Results (Column 4)
	<p>Starkville - Alumni, employers, and graduating senior students will complete surveys about their experiences in BCS. Response options range from 1 at totally disagree to 5 at totally agree.</p> <p>Criterion (Column 2) : 70% of survey respondents will rate the BCS program at 4 or higher on the question "How well did the program help you create construction project estimates."</p>	<p>Brandonbergold.pdf SLO-4 Report.xls SLO-4 Canvas grade sheet for student example.pdf SLO-4 annotated-Midterm-1.BrandonBergold.xlsx.pdf SLO-4 Student Work Bumpous,Cullen.xlsx</p> <p>Assessment Result Year: 2018 - 2019 Criterion Met?: No-Criterion Not Met or Not Applicable During 2018-19, 13 alumni, 7 employers, and 25 graduating seniors completed the BCS survey. The following results frequencies were recorded for the construction project estimates question: - 15 out of 25 (62.5%) senior students responded 4 or 5 - 6 of our 7 (86%) employers responded 4 or 5 - 10 out of 13 (77%) alumni responded 4 or 5 (10/03/2019)</p> <p>Related Documents: Senior Evaluations_spr19.xlsx Sept 18-Alumni Surveys.pdf Sept18-Employer Surveys.pdf</p>	<p>Use of Results (Column 4): This standard is partially met according to the graduating senior student responses; however, our alumni and employers are more positive about the students' abilities to complete construction project estimates. (10/03/2019)</p>
<p>Create project schedules - 5. Students will create construction project schedules Outcome Status: Currently Assessing Outcome Type(s): Student Learning Start Date: 07/01/2018</p>	<p>Starkville - Students in BCS 3116 Studio 3 will complete a final project that includes project schedules. This project is evaluated using a faculty-created rubric that includes logic of network, complete list of activities, required milestones, summary tasks, assigning resources, providing S-curve, including documentation, and effective presentation.</p> <p>Criterion (Column 2) : 70% will score 70% or higher on all components of this project.</p> <p>Related Documents: syllabus 3116.pdf SLO-5 final project.pdf</p>	<p>Assessment Result Year: 2018 - 2019 Criterion Met?: No-Criterion Not Met or Not Applicable In Fall 2018, 32 students completed the course. The following rubric items show the percentages of students who scored 70% or higher: Logic of network = 65.63% Complete list of activities = 90.63% Required milestones = 62.5% Summary tasks = 84.4% Assigning resources = 28.13% Providing S-curve = 31.25% Documentation = 21.88% Presentation = 93.75%</p> <p>Documentation includes the individual score reports on all rubric items and a student example. (06/28/2019)</p> <p>Related Documents: SLO-5 Report Fall 2018.xlsx SLO-5 student example.pdf</p>	<p>Use of Results (Column 4): Problem areas include resource allocation, proper milestones, and incorrect/incomplete s-curves. The instructor has modified the course to include more assignments related to resource allocation and s-curves. (08/19/2019)</p>

Expected Outcomes (Column 1)	Assessment Procedures (Column 2)	IE Results	Use of Results (Column 4)
	<p>Starkville - Alumni, employers, and graduating senior students will complete surveys about their experiences in BCS. Response options range from 1 at totally disagree to 5 at totally agree.</p> <p>Criterion (Column 2) : 70% of survey respondents will rate the BCS program at 4 or higher on the question "How well did the program help you create construction project schedules."</p>	<p>Assessment Result Year: 2018 - 2019</p> <p>Criterion Met?: No-Criterion Not Met or Not Applicable</p> <p>During 2018-19, 13 alumni, 7 employers, and 25 graduating seniors completed the BCS survey. The following results frequencies were recorded for the project schedules question:</p> <ul style="list-style-type: none"> - 17 out of 25 (68%) senior students responded 4 or 5 - 6 of our 6 (100%) employers responded 4 or 5 (note: 1 employer did not respond) - 11 out of 13 (85%) alumni responded 4 or 5 (10/03/2019) 	<p>Use of Results (Column 4): The criterion is partly met. Employers and alumni are satisfied overall, but once the new changes have been implemented in this class, the program will have a better sense of graduating student impressions. (10/03/2019)</p>
<p>Analyze decisions based on ethics - 6. Students will analyze professional decisions based on ethical principles</p> <p>Outcome Status: Currently Assessing</p> <p>Outcome Type(s): Student Learning</p> <p>Start Date: 07/01/2018</p>	<p>Starkville - In BCS 4222, students will complete multiple exams. Several questions on the exam will measure the ethical concerns of bid shopping, identification of types of defects and associated warranty vs. business decisions, and identification of obligation to reduce risks of attractive nuisance.</p> <p>Criterion (Column 2) : 70% will score 70% or higher</p> <p>Related Documents: SLO-6 BCS4222_F18 – Pro Comm Final Exam.pdf</p>	<p>Assessment Result Year: 2018 - 2019</p> <p>Criterion Met?: No-Criterion Not Met or Not Applicable</p> <p>In Fall 2018, 29 students completed the course. The following data shows the percentages of students who scored 70% or higher on the exam questions:</p> <p>Discuss ethical concerns of bid shopping: 72.71%</p> <p>Identify types of defects and discuss warranty obligations: 51.72%</p> <p>Identify obligation to reduce risks of attractive nuisance: 100%</p> <p>The score report and individual grades is provided along with a student example with annotations to the final exam. (10/03/2019)</p> <p>Related Documents: SLO-6 Report f18.xlsx SLO-6 BCS 4222_F18 Student Sample.pdf</p>	<p>Use of Results (Column 4): The criteria were partially met for this assessment, and the ability to identify types of defects and discuss warranty obligations vs. business decisions needs more work. The instructor will modify the class to discuss more examples of bid shopping. Furthermore, the exam question will be broken into two components to create discrete questions, which will help determine which part needs more action. (10/03/2019)</p>
	<p>Starkville - Alumni, employers, and graduating senior students will complete surveys about their experiences in BCS. Response options range from 1 at totally disagree to 5 at totally agree.</p> <p>Criterion (Column 2) : 70% of survey respondents will rate the BCS program at 4 or higher on the</p>	<p>Assessment Result Year: 2018 - 2019</p> <p>Criterion Met?: No-Criterion Not Met or Not Applicable</p> <p>During 2018-19, 13 alumni, 7 employers, and 25 graduating seniors completed the BCS survey. The following results frequencies were recorded for the ethical principles question:</p> <ul style="list-style-type: none"> - 17 out of 25 (68%) senior students responded 4 or 5 - 7 of our 7 (100%) employers responded 4 or 5 - 13 out of 13 (100%) alumni responded 4 or 5 (10/03/2019) 	<p>Use of Results (Column 4): This assessment is partially met with our graduating seniors, but our alumni and employers seem satisfied with this outcome. (10/03/2019)</p>

Expected Outcomes (Column 1)	Assessment Procedures (Column 2)	IE Results	Use of Results (Column 4)
	question "How well did the program help you analyze professional decisions based on ethical principles."	Related Documents: Senior Evaluations_spr19.xlsx Sept 18-Alumni Surveys.pdf Sept18-Employer Surveys.pdf	
<p>Analyze documents for planning - 7. Students will analyze construction documents for planning and management of construction processes</p> <p>Outcome Status: Currently Assessing</p> <p>Outcome Type(s): Student Learning</p> <p>Start Date: 07/01/2018</p>	<p>Starkville - Students in BCS 4116 Studio 5 will complete Project 3B, which contains a Preparation of Bids part. This project will be evaluated with a rubric focused on the following components: bid complies with instructions to bidders, bid contains an acceptable number of line items, quantities are within an acceptable range, and bid price is within an acceptable range.</p> <p>Criterion (Column 2) : 70% will score 70% or higher on this portion of the project.</p> <p>Related Documents: SLO-7_BCS4116 Project 3 Grading Sheet.pdf SLO-7_BCS4116F17_Project 3 Bidding.pdf</p>	<p>Assessment Result Year: 2018 - 2019</p> <p>Criterion Met?: No-Criterion Not Met or Not Applicable</p> <p>In Fall 2018, 29 students completed BCS Studio 5, and only 66% of students scored 70% or higher on this project. The percentage of students scoring 70% or higher on the rubric components were as follows: Conforming bid: 75.9% Level of detail: 55.2% Accurate QTO: 62.1% Bid price: 72.41%</p> <p>The grade book, as well as examples of the students' work along with a completed rubric for that work have been provided as evidence for this assessment. (06/28/2019)</p> <p>Related Documents: SLO-7-Report Fall 2018r1.xlsx SLO-7 Graded rubric.pdf SLO-7 Sample Project 3 - MC Law Mock Courtroom (17).ost SLO-7 Sample project 3 bid form -.pdf SLO-7 Sample project 3 onscreen list -.pdf SLO-7 Sample Project 3 OnScreen Pages -.pdf SLO-7 Sample Project 3 Pricing Detail.pdf</p>	<p>Use of Results (Column 4): The faculty member feels that the rubric may be difficult to follow. Revise rubric to add more description for each component. (06/28/2019)</p>
	<p>Starkville - Alumni, employers, and graduating senior students will complete surveys about their experiences in BCS. Response options range from 1 at totally disagree to 5 at totally agree.</p> <p>Criterion (Column 2) : 70% of survey respondents will rate the BCS program at 4 or higher on the question "How well did the program help you analyze construction</p>	<p>Assessment Result Year: 2018 - 2019</p> <p>Criterion Met?: No-Criterion Not Met or Not Applicable</p> <p>During 2018-19, 13 alumni, 7 employers, and 25 graduating seniors completed the BCS survey. The following results frequencies were recorded for the planning & management question:</p> <ul style="list-style-type: none"> - 16 out of 25 (64%) senior students responded 4 or 5 - 7 of our 7 (100%) employers responded 4 or 5 - 12 out of 13 (92%) alumni responded 4 or 5 (10/03/2019) <p>Related Documents: Senior Evaluations_spr19.xlsx</p>	

Expected Outcomes (Column 1)	Assessment Procedures (Column 2)	IE Results	Use of Results (Column 4)
	documents for planning and management of construction processes."	Sept 18-Alumni Surveys.pdf Sept18-Employer Surveys.pdf	
<p>Analyze methods, materials, and equipment - 8. Students will analyze methods, materials, and equipment used to construct projects Outcome Status: Currently Assessing Outcome Type(s): Student Learning Start Date: 07/01/2018</p>	<p>Starkville - In BCS 1126 Studio B, students will complete Project #6, which requires them to research the wall system, design a wall system, build small mockups, and fabricate the wall system onto a tiny house. The project will be graded with a faculty-developed rubric. Criterion (Column 2) : 70% will score 70% or higher on this project. Related Documents: SLO-8 BCS1126 -Project #6-Wall Systems rubric.pdf</p>	<p>Assessment Result Year: 2018 - 2019 Criterion Met?: Yes-Criterion Met In Fall 2018, 28 students completed the course, and 24 (85.7%) scored 70% or higher on this project. The average was 81.18%. A screenshot of the project final score distribution as well as a sample of completed work has been provided as evidence for this assessment. (08/19/2019) Related Documents: SLO-8 Report- Fall 2018.xlsx SLO-8 Project #6 Wall Mockup Final-student work.pdf</p>	<p>Use of Results (Column 4): The instructor noticed that some reports were not well organized, contributing to a lower score. (08/19/2019)</p>
	<p>Starkville - Alumni, employers, and graduating senior students will complete surveys about their experiences in BCS. Response options range from 1 at totally disagree to 5 at totally agree. Criterion (Column 2) : 70% of survey respondents will rate the BCS program at 4 or higher on the question "How well did the program help you analyze methods, materials, and equipment used to construct projects."</p>	<p>Assessment Result Year: 2018 - 2019 Criterion Met?: No-Criterion Not Met or Not Applicable During 2018-19, 13 alumni, 7 employers, and 25 graduating seniors completed the BCS survey. The following results frequencies were recorded for the methods, materials, and equipment question: - 17 out of 25 (68%) senior students responded 4 or 5 - 6 of our 7 (86%) employers responded 4 or 5 - 12 out of 13 (92%) alumni responded 4 or 5 (10/03/2019) Related Documents: Senior Evaluations_spr19.xlsx Sept 18-Alumni Surveys.pdf Sept18-Employer Surveys.pdf</p>	<p>Use of Results (Column 4): The criterion is partially met with our alumni and employers being satisfied with graduates' analysis of method, materials, and equipment. (10/03/2019)</p>
<p>Apply construction management skills - 9. Students will apply construction management skills as a member of a multi-disciplinary team Outcome Status: Currently Assessing Outcome Type(s): Student Learning Start Date: 07/01/2018</p>	<p>In BCS 3126 Studio 4, students will complete a proposal/portfolio as a team. This course is combined with ARC 3546, so the teams are considered multidisciplinary within the college. As part of this process, students will evaluate their team members in a peer review.</p>	<p>Assessment Result Year: 2018 - 2019 Criterion Met?: Yes-Criterion Met In spring 2019, 72 students completed ARC 3546/BCS 3126. Of those students, 20 were BCS majors. Two peer evaluations were completed, and 19 (95%) of the BCS students received 70% or higher averages from their peers. The peer evaluation report, as well as a completed peer review for one of the students is provided as evidence for</p>	<p>Use of Results (Column 4): No action necessary. (08/19/2019)</p>

Expected Outcomes (Column 1)	Assessment Procedures (Column 2)	IE Results	Use of Results (Column 4)
	<p>Criterion (Column 2) : 70% will score 70% or higher on the peer review score.</p> <p>Related Documents: ARC 3546-BCS 3126 Syllabus_Spring.docx ARC 3546-BCS 3126 Assignment 5.0 Portfolio Proposal Format.docx Peer-Evaluation form (2).docx</p>	<p>this assessment. (08/19/2019)</p> <p>Related Documents: Peer Evaluation Grades 4-1-19 (1).xlsx Hunter Bullock Grading Rubric.pdf</p>	
	<p>Starkville - Alumni, employers, and graduating senior students will complete surveys about their experiences in BCS. Response options range from 1 at totally disagree to 5 at totally agree.</p> <p>Criterion (Column 2) : 70% of survey respondents will rate the BCS program at 4 or higher on the question "How well did the program help you apply construction management skills as a member of a multidisciplinary team."</p>	<p>Assessment Result Year: 2018 - 2019</p> <p>Criterion Met?: No-Criterion Not Met or Not Applicable During 2018-19, 13 alumni, 7 employers, and 25 graduating seniors completed the BCS survey. The following results frequencies were recorded for the multidisciplinary teams question: - 9 out of 24 (37.5%) senior students responded 4 or 5 (note: 1 did not respond to the question) - 7 of our 7 (100%) employers responded 4 or 5 - 10 out of 13 (77%) alumni responded 4 or 5 (10/03/2019)</p> <p>Related Documents: Senior Evaluations_spr19.xlsx Sept 18-Alumni Surveys.pdf Sept18-Employer Surveys.pdf</p>	<p>Use of Results (Column 4): Of the graduating students, 12 of the 24 scored 3 (neutral) for this question, but alumni and employers were happy with these skills. (10/03/2019)</p>
<p>Apply electronic-based technology - 10. Students will apply electronic-based technology to manage the construction process.</p> <p>Outcome Status: Currently Assessing</p> <p>Outcome Type(s): Student Learning</p> <p>Start Date: 07/01/2018</p>	<p>Starkville - In BCS 3126 Studio 4, students will complete assignment 1.2 context to collect site and contextual information related to the programming and design for a project.</p> <p>Criterion (Column 2) : 70% will score 70% or higher on this project.</p> <p>Related Documents: Context Assignment Final.docx</p>	<p>Assessment Result Year: 2018 - 2019</p> <p>Criterion Met?: Yes-Criterion Met In spring 2019, 29/32 (90.6%) of the students scored 70% or higher on the assignment. A summary of the individual grades is provided as evidence for this assessment. (08/19/2019)</p> <p>Related Documents: SLO-10 Report Spring 19.xlsx</p>	<p>Use of Results (Column 4): Use of second party software will be tracked in senior surveys. Recommend rubric be revised to include the scores. (08/19/2019)</p>
	<p>Starkville - Alumni, employers, and graduating senior students will complete surveys about their experiences in BCS. Response</p>	<p>Assessment Result Year: 2018 - 2019</p> <p>Criterion Met?: No-Criterion Not Met or Not Applicable During 2018-19, 13 alumni, 7 employers, and 25 graduating seniors completed the BCS survey. The following results</p>	

Expected Outcomes (Column 1)	Assessment Procedures (Column 2)	IE Results	Use of Results (Column 4)
	<p>options range from 1 at totally disagree to 5 at totally agree. Criterion (Column 2) : 70% of survey respondents will rate the BCS program at 4 or higher on the question "How well did the program help you apply electronic-based technology to manage the construction process."</p>	<p>frequencies were recorded for the multidisciplinary teams question: - 10 out of 25 (40%) senior students responded 4 or 5 - 6 of our 7 (86%) employers responded 4 or 5 - 11 out of 13 (85%) alumni responded 4 or 5 (10/03/2019)</p>	
<p>Apply basic surveying techniques - 11. Students will apply basic surveying techniques for construction layout and control. Outcome Status: Currently Assessing Outcome Type(s): Student Learning Start Date: 07/01/2018</p>	<p>Starkville - Students in BCS 3213 will complete a Survey Layout Assignment, which will be graded by a faculty-developed rubric. Criterion (Column 2) : 70% will score 70% or higher. Related Documents: Assignment 2- Layout Project Description.pdf bcs3213 syllabus-new.docx</p>	<p>Assessment Result Year: 2018 - 2019 Criterion Met?: Yes-Criterion Met In Fall 2018, 25/27 (92.6%) students scored 70% or higher on the assignment. A summary report of the student scores is provided along with a screenshot of a completed rubric from Canvas (our learning management system). Furthermore, a student sample of field notes and the final layout project has been provided as evidence of this assessment. (10/04/2019) Related Documents: SLO-11 Report F2018.xlsx Layout project- submittal rubric graded.pdf Student Example Field Notes & Profile.pdf Layout project- Student Work.pdf</p>	<p>Use of Results (Column 4): Students completed a field note (sample of student work provided) and elevation profile assignment to help prepare them for the surveying layout assignment. This practice was evident in their high scores on the layout assignment. (10/04/2019)</p>
<p>Understand different methods - 12.</p>	<p>Starkville - Alumni, employers, and graduating senior students will complete surveys about their experiences in BCS. Response options range from 1 at totally disagree to 5 at totally agree. Criterion (Column 2) : 70% of survey respondents will rate the BCS program at 4 or higher on the item "Apply basic surveying techniques for construction layout and control."</p>	<p>Assessment Result Year: 2018 - 2019 Criterion Met?: No-Criterion Not Met or Not Applicable During 2018-19, 13 alumni, 7 employers, and 25 graduating seniors completed the BCS survey. The following results frequencies were recorded for the question: - 5 out of 25 (20%) senior students responded 4 or 5 - 3 of our 6 (50%) employers responded 4 or 5 (note: 1 did not respond to this question) - 4 out of 13 (31%) alumni responded 4 or 5 (10/04/2019) Related Documents: Senior Evaluations_spr19.xlsx Sept 18-Alumni Surveys.pdf Sept18-Employer Surveys.pdf</p>	

<i>Expected Outcomes (Column 1)</i>	<i>Assessment Procedures (Column 2)</i>	<i>IE Results</i>	<i>Use of Results (Column 4)</i>
<p>Students will understand different methods of project delivery and the roles and responsibilities of all constituencies involved in the design and construction process.</p> <p>Outcome Status: Currently Assessing</p> <p>Outcome Type(s): Student Learning</p> <p>Start Date: 07/01/2018</p>	<p>complete exam questions evaluating students' understanding of project delivery roles and responsibilities:</p> <p>Question 4 asks about the advantages of identified PDM</p> <p>Question 6 asks them to diagram PDM to demonstrate understanding of hierarchy of time, cost, quality for PDM</p> <p>Question 7 also asks them to diagram PDM to demonstrate understanding of hierarchy of time, cost, quality for PDM</p> <p>Question 8 asks them to select appropriate PDM for the scenario described</p> <p>Criterion (Column 2) : 70% will score 70% or higher on these questions.</p> <p>Related Documents:</p> <p>BCS 4222 Pro Comm & Practice Fall 2018 Syllabus.pdf</p> <p>BCS 4222 – Pro Comm Exam 1 Fall 2018.pdf</p>	<p>Criterion Met?: Yes-Criterion Met</p> <p>In Fall 2018, 29 students completed BCS 4222 and 90.5% scored 70% or higher on all 4 questions. The following results indicate the percentage of students scoring 70% or higher on each question:</p> <p>Question 4: 86.2%</p> <p>Question 6: 86.2%</p> <p>Question 7: 93.1%</p> <p>Question 8: 96.5%</p> <p>The individual scores for each question are provided in the summary report, along with a completed exam with annotations as evidence for this assessment. (10/04/2019)</p> <p>Related Documents:</p> <p>SLO 12 Report f18.xlsx</p> <p>SLO 12_BCS 4222_F18 Student Sample.pdf</p>	
<p>Understand risk management - 13.</p>	<p>Starkville - Alumni, employers, and graduating senior students will complete surveys about their experiences in BCS. Response options range from 1 at totally disagree to 5 at totally agree.</p> <p>Criterion (Column 2) : 70% of survey respondents will rate the BCS program at 4 or higher on the item "Understand different methods of project delivery and the roles and responsibilities of all constituencies involved in the design and construction process."</p>	<p>Assessment Result Year: 2018 - 2019</p> <p>Criterion Met?: Yes-Criterion Met</p> <p>During 2018-19, 13 alumni, 7 employers, and 25 graduating seniors completed the BCS survey. The following results frequencies were recorded for the question:</p> <ul style="list-style-type: none"> - 18 out of 25 (72%) senior students responded 4 or 5 - 6 of our 7 (86%) employers responded 4 or 5 - 11 out of 13 (85%) alumni responded 4 or 5 (10/04/2019) <p>Related Documents:</p> <p>Senior Evaluations_spr19.xlsx</p> <p>Sept 18-Alumni Surveys.pdf</p> <p>Sept18-Employer Surveys.pdf</p>	

Understand risk management - 13. **Starkville -** In BCS 4126 Studio 6, **Assessment Result Year:** 2018 - 2019 **Use of Results (Column 4):** No

<i>Expected Outcomes (Column 1)</i>	<i>Assessment Procedures (Column 2)</i>	<i>IE Results</i>	<i>Use of Results (Column 4)</i>
<p>Students will understand construction risk management Outcome Status: Currently Assessing Outcome Type(s): Student Learning Start Date: 07/01/2018</p>	<p>students will complete a risk management quiz Criterion (Column 2) : 70% will score 70% or higher. Related Documents: Risk Management Quiz.pdf</p>	<p>Criterion Met?: Yes-Criterion Met In spring 2019, 25/29 (86.2%) scored 70% or higher on the quiz. A summary report of the quiz scores for each student as well as a sample student's completed quiz are provided as evidence for this assessment. (08/19/2019) Related Documents: SLO 13 Report S19r1.xlsx Graded quiz.pdf</p>	<p>issues noted. Collect data in spring 2020 and 2021, and re-evaluate assessment in 2021. (08/19/2019)</p>
	<p>Starkville - Alumni, employers, and graduating senior students will complete surveys about their experiences in BCS. Response options range from 1 at totally disagree to 5 at totally agree. Criterion (Column 2) : 70% of survey respondents will rate the BCS program at 4 or higher on the item "Understand construction risk management."</p>	<p>Assessment Result Year: 2018 - 2019 Criterion Met?: No-Criterion Not Met or Not Applicable During 2018-19, 13 alumni, 7 employers, and 25 graduating seniors completed the BCS survey. The following results frequencies were recorded for the question: - 17 out of 25 (68%) senior students responded 4 or 5 - 5 of our 7 (71%) employers responded 4 or 5 - 10 out of 13 (77%) alumni responded 4 or 5 (10/04/2019) Related Documents: Senior Evaluations_spr19.xlsx Sept 18-Alumni Surveys.pdf Sept18-Employer Surveys.pdf</p>	
<p>Understand accounting - 14. Students will understand accounting and cost control. Outcome Status: Currently Assessing Outcome Type(s): Student Learning Start Date: 07/01/2018</p>	<p>In BCS 2226 Studio 2, students will complete an exam. Criterion (Column 2) : 70% will score 70% or higher. Related Documents: BCS 2226 syllabus.pdf cafem exam.pdf</p>	<p>Assessment Result Year: 2018 - 2019 Criterion Met?: Yes-Criterion Met In spring 2019, 27/35 (77.1%) scored 70% or better on the exam. The summary report and a graded student exam have been provided as evidence for this assessment. (08/19/2019) Related Documents: SLO 14 Report s19.xlsx sample work.pdf</p>	<p>Use of Results (Column 4): Depreciation and EVM were challenging areas for some students. More practice on NPV and Uniform Series could help students to improve their understanding of cost management. (08/19/2019)</p>
	<p>Starkville - Alumni, employers, and graduating senior students will complete surveys about their experiences in BCS. Response options range from 1 at totally disagree to 5 at totally agree. Criterion (Column 2) : 70% of survey respondents will rate the BCS program at 4 or higher on the item</p>	<p>Assessment Result Year: 2018 - 2019 Criterion Met?: No-Criterion Not Met or Not Applicable During 2018-19, 13 alumni, 7 employers, and 25 graduating seniors completed the BCS survey. The following results frequencies were recorded for the question: - 11 out of 25 (44%) senior students responded 4 or 5 - 5 of our 7 (71%) employers responded 4 or 5 - 10 out of 13 (77%) alumni responded 4 or 5 (10/04/2019) Related Documents:</p>	

Expected Outcomes (Column 1)	Assessment Procedures (Column 2)	IE Results	Use of Results (Column 4)
	"Understand construction accounting and cost control."	Senior Evaluations_spr19.xlsx Sept 18-Alumni Surveys.pdf Sept18-Employer Surveys.pdf	
<p>Understand quality assurance - 15. Students will understand construction quality assurance.</p> <p>Outcome Status: Currently Assessing</p> <p>Outcome Type(s): Student Learning</p> <p>Start Date: 07/01/2018</p>	<p>Starkville - In BCS 1126 Studio B, students will complete a final paper that documents the entire design and construction process.</p> <p>Criterion (Column 2) : 70% will score 70% or higher.</p> <p>Related Documents: BCS1126 -Final Documents-spring 2019.pdf</p>	<p>Assessment Result Year: 2018 - 2019</p> <p>Criterion Met?: Yes-Criterion Met</p> <p>In spring 2019, 28 students completed the course and 25 (89.2%) scored 70% or higher on this project. The average grade was 83.64%. A grade distribution screen shot from the learning management system has been provided as evidence of this assessment. (08/19/2019)</p> <p>Related Documents: BCS 1126 Final Document Grades1.JPG</p>	<p>Use of Results (Column 4): The faculty member in this class is revising the rubric for this assignment, making it easier to determine the strengths and weaknesses of the papers. (08/19/2019)</p>
	<p>Starkville - Alumni, employers, and graduating senior students will complete surveys about their experiences in BCS. Response options range from 1 at totally disagree to 5 at totally agree.</p> <p>Criterion (Column 2) : 70% of survey respondents will rate the BCS program at 4 or higher on the item "Understand construction quality assurance and control."</p>	<p>Assessment Result Year: 2018 - 2019</p> <p>Criterion Met?: No-Criterion Not Met or Not Applicable</p> <p>During 2018-19, 13 alumni, 7 employers, and 25 graduating seniors completed the BCS survey. The following results frequencies were recorded for the written communication question:</p> <ul style="list-style-type: none"> - 11 out of 24 (46%) senior students responded 4 or 5 (note: 1 did not respond to this question) - 5 of our 6 (83%) employers responded 4 or 5 (note: 1 did not respond to this question) - 10 out of 13 (77%) alumni responded 4 or 5 (10/04/2019) <p>Related Documents: Senior Evaluations_spr19.xlsx Sept 18-Alumni Surveys.pdf Sept18-Employer Surveys.pdf</p>	
<p>Understand project control - 16. Students will understand construction project control processes.</p> <p>Outcome Status: Currently Assessing</p> <p>Outcome Type(s): Student Learning</p> <p>Start Date: 07/01/2018</p>	<p>Starkville - In BCS 4116 Studio 5, students will complete two projects to demonstrate their understanding of construction project control processes. The associated rubric for these projects evaluates the following components: Daily reports with relevant information for the delay, updated schedule to reflect the delay, itemized additional costs,</p>	<p>Assessment Result Year: 2018 - 2019</p> <p>Criterion Met?: No-Criterion Not Met or Not Applicable</p> <p>In Fall 2018, 29 students completed the course. With all rubric components and assignments combined, 69% of the students scored 70% or higher on this assessment. A summary grade report is provided with the individual scores for each rubric item on both assignments. (10/04/2019)</p> <p>Related Documents: SLO 16 f18r1.xlsx</p>	<p>Use of Results (Column 4): The delay schedule update and the additional costs reports were trouble areas for this class. The faculty are introducing more lecture materials to assist in these areas. (10/04/2019)</p>

Expected Outcomes (Column 1)	Assessment Procedures (Column 2)	IE Results	Use of Results (Column 4)
	<p>updated project profit. Criterion (Column 2) : 70% will score 70% or higher. Related Documents: Project 8B Footing Delay Grading Sheet.pdf SLO16_BCS4116_Project 8B Foundation Delays.pdf SLO16_BCS4116F17_Project 9 Footing Delay.pdf</p>		
	<p>Starkville - Alumni, employers, and graduating senior students will complete surveys about their experiences in BCS. Response options range from 1 at totally disagree to 5 at totally agree. Criterion (Column 2) : 70% of survey respondents will rate the BCS program at 4 or higher on the item "Understand construction project control processes."</p>	<p>Assessment Result Year: 2018 - 2019 Criterion Met?: No-Criterion Not Met or Not Applicable During 2018-19, 13 alumni, 7 employers, and 25 graduating seniors completed the BCS survey. The following results frequencies were recorded for the question: - 9 out of 25 (36%) senior students responded 4 or 5 - 5 of our 7 (71%) employers responded 4 or 5 - 10 out of 13 (77%) alumni responded 4 or 5 (10/04/2019) Related Documents: Senior Evaluations_spr19.xlsx Sept 18-Alumni Surveys.pdf Sept18-Employer Surveys.pdf</p>	
<p>Understand legal implications - 17. Students will understand the legal implications of contract, common, and regulatory law to manage a construction project. Outcome Status: Currently Assessing Outcome Type(s): Student Learning Start Date: 07/01/2018</p>	<p>Starkville - In BCS 4116 Studio 5, students will complete Project #10 and two rubric components related to an analysis of schedule obligation and rights and analysis of financial obligation and rights will evaluate students' understanding of legal implications. Criterion (Column 2) : 70% will score 70% or higher. Related Documents: BCS 4116 Studio V Fall 2018 Syllabus.pdf Project 10 Sub Delay Fall 2018.pdf Project 10 Sub Delay Grading Fall</p>	<p>Assessment Result Year: 2018 - 2019 Criterion Met?: Yes-Criterion Met In Fall 2018, 25/29 (86.2%) scored 70% or better on the Schedule and Contract Analysis, and 27 (93.1%) scored 70% or better on the Budget and Contract Analysis. A summary report for the rubric is provided with individual scores for each component, as well as a sample student product as evidence for this assessment. (06/28/2019) Related Documents: SLO 17 Report f18.xlsx SLO17_BCS4116_F18_Student Sample.pdf</p>	<p>Use of Results (Column 4): No issues were found with the legal implications components of this assignment. (08/19/2019)</p>

Expected Outcomes (Column 1)	Assessment Procedures (Column 2)	IE Results	Use of Results (Column 4)
	<p>2018.pdf</p> <p>Starkville - Alumni, employers, and graduating senior students will complete surveys about their experiences in BCS. Response options range from 1 at totally disagree to 5 at totally agree.</p> <p>Criterion (Column 2) : 70% of survey respondents will rate the BCS program at 4 or higher on the item "Understand the legal implications of contract, common, and regulatory law to manage a construction project."</p>	<p>Assessment Result Year: 2018 - 2019</p> <p>Criterion Met?: No-Criterion Not Met or Not Applicable</p> <p>During 2018-19, 13 alumni, 7 employers, and 25 graduating seniors completed the BCS survey. The following results frequencies were recorded for the question:</p> <ul style="list-style-type: none"> - 17 out of 24 (71%) senior students responded 4 or 5 (note: 1 did not respond to this question) - 6 of our 7 (86%) employers responded 4 or 5 - 12 out of 13 (92%) alumni responded 4 or 5 (10/04/2019) <p>Related Documents:</p> <p>Senior Evaluations_spr19.xlsx</p> <p>Sept 18-Alumni Surveys.pdf</p> <p>Sept18-Employer Surveys.pdf</p>	
<p>Understand sustainable construction - 18. Students will understand the basic principles of sustainable construction.</p> <p>Outcome Status: Currently Assessing</p> <p>Outcome Type(s): Student Learning</p> <p>Start Date: 07/01/2018</p>	<p>In BCS 3323, students will complete a final exam.</p> <p>Criterion (Column 2) : 70% will score 70% or higher.</p>	<p>Assessment Result Year: 2018 - 2019</p> <p>Criterion Met?: Yes-Criterion Met</p> <p>In spring 2019, 29/30 (96.7%) scored 70% or higher on the final exam. An exam summary of the performance for each question is provided as evidence of this assessment. (08/19/2019)</p> <p>Related Documents:</p> <p>BCS3323-2019-Final Exam Stats.pdf</p>	<p>Use of Results (Column 4): No issues found. (08/19/2019)</p>
	<p>Starkville - Alumni, employers, and graduating senior students will complete surveys about their experiences in BCS. Response options range from 1 at totally disagree to 5 at totally agree.</p> <p>Criterion (Column 2) : 70% of survey respondents will rate the BCS program at 4 or higher on the item "Understand the basic principles of sustainable construction."</p>	<p>Assessment Result Year: 2018 - 2019</p> <p>Criterion Met?: Yes-Criterion Met</p> <p>During 2018-19, 13 alumni, 7 employers, and 25 graduating seniors completed the BCS survey. The following results frequencies were recorded for the question:</p> <ul style="list-style-type: none"> - 19 out of 25 (76%) senior students responded 4 or 5 - 6 of our 7 (86%) employers responded 4 or 5 - 11 out of 13 (85%) alumni responded 4 or 5 (10/04/2019) <p>Related Documents:</p> <p>Senior Evaluations_spr19.xlsx</p> <p>Sept 18-Alumni Surveys.pdf</p> <p>Sept18-Employer Surveys.pdf</p>	
<p>Understand structural behavior - 19. Students will understand the basic principles of structural behavior.</p>	<p>Starkville - In BCS 3914 Structures II, students will complete a final exam.</p> <p>Criterion (Column 2) : 70% will score</p>	<p>Assessment Result Year: 2018 - 2019</p> <p>Criterion Met?: Yes-Criterion Met</p> <p>In Spring 2019, 42/46 (91.3%) scored 70% or higher. The</p>	<p>Use of Results (Column 4): Continue to assess. (10/04/2019)</p>

Expected Outcomes (Column 1)	Assessment Procedures (Column 2)	IE Results	Use of Results (Column 4)
<p>Outcome Status: Currently Assessing Outcome Type(s): Student Learning Start Date: 07/01/2018</p>	<p>70% or higher. Related Documents: Test 04 Structures II 2018 no answer.pdf</p>	<p>average grade for BCS students was 78.8%. Grades for the final exams are provided as evidence for this assessment. (10/04/2019) Related Documents: final exam grades-spr19.xls</p>	
	<p>Starkville - Alumni, employers, and graduating senior students will complete surveys about their experiences in BCS. Response options range from 1 at totally disagree to 5 at totally agree. Criterion (Column 2) : 70% of survey respondents will rate the BCS program at 4 or higher on the item "Understand the basic principles of structural behavior."</p>	<p>Assessment Result Year: 2018 - 2019 Criterion Met?: No-Criterion Not Met or Not Applicable During 2018-19, 13 alumni, 7 employers, and 25 graduating seniors completed the BCS survey. The following results frequencies were recorded for the question: - 13 out of 25 (52%) senior students responded 4 or 5 - 4 of our 7 (57%) employers responded 4 or 5 - 12 out of 13 (92%) alumni responded 4 or 5 (10/04/2019) Related Documents: Senior Evaluations_spr19.xlsx Sept 18-Alumni Surveys.pdf Sept18-Employer Surveys.pdf</p>	
<p>Understand mechanical, electrical, and piping systems - 20. Students will understand the basic principles of mechanical, electrical, and piping systems. Outcome Status: Currently Assessing Outcome Type(s): Student Learning Start Date: 07/01/2018</p>	<p>Starkville - In BCS 3213, students will complete 3 modules related to piping, electrical, and water supply. Each module includes an assignment. Criterion (Column 2) : 70% will score 70% or higher on the assignments. Related Documents: BCS 3213 Fall 2018 v2.docx BCS 3213 Electric layout Homework assignment.pdf Chapter 3A Homework Assignment.pdf Chapter 5 Homework Assignment.pdf</p>	<p>Assessment Result Year: 2018 - 2019 Criterion Met?: Yes-Criterion Met In Fall 2018, 27 students completed the course. The following percentage of students scored 70% or better on each module assignment: Piping: 25 (92.6%) Electrical: 26 (96.3%) Water supply: 26 (96.3%) A summary grade report is provided along with samples of graded work. (06/28/2019) Related Documents: BCS 3213 Electric Layout Assignment- graded work-rubric1.pdf BCS 3213 Electric Layout Assignment- graded work-rubric2.pdf SLO 20 Report f18.xlsx Chapter 5 Homework- Completed Work.pdf Chapter 3A- Sample of Graded Work.pdf Chapter 3A Homework- Completed.pdf</p>	<p>Use of Results (Column 4): Although the assignments far exceeded the target, the associated tests for each module were much lower. Students seemed to struggle in particular with sewer drainage and electrical principles. Continue to assess. (08/19/2019)</p>

Expected Outcomes (Column 1)	Assessment Procedures (Column 2)	IE Results	Use of Results (Column 4)
	<p>Starkville - Alumni, employers, and graduating senior students will complete surveys about their experiences in BCS. Response options range from 1 at totally disagree to 5 at totally agree.</p> <p>Criterion (Column 2) : 70% of survey respondents will rate the BCS program at 4 or higher on the item "Understand the basic principles of mechanical, electrical, and piping systems."</p>	<p>Assessment Result Year: 2018 - 2019</p> <p>Criterion Met?: No-Criterion Not Met or Not Applicable</p> <p>During 2018-19, 13 alumni, 7 employers, and 25 graduating seniors completed the BCS survey. The following results frequencies were recorded for the question:</p> <ul style="list-style-type: none"> - 19 out of 25 (76%) senior students responded 4 or 5 - 2 of our 7 (29%) employers responded 4 or 5 - 10 out of 13 (77%) alumni responded 4 or 5 (10/04/2019) <p>Related Documents:</p> <p>Senior Evaluations_spr19.xlsx</p> <p>Sept 18-Alumni Surveys.pdf</p> <p>Sept18-Employer Surveys.pdf</p>	
<p>Student body - BCS will recruit and retain high-quality students.</p> <p>Outcome Status: Currently Assessing</p> <p>Outcome Type(s): Program</p> <p>Start Date: 07/01/2016</p>	<p>Starkville - BCS program will maintain enrollment in its student body.</p> <p>Criterion (Column 2) : The Office of Institutional Research & Effectiveness publishes the Profile of Scholarly Outcomes each year with details related to enrollment.</p>	<p>Assessment Result Year: 2018 - 2019</p> <p>Criterion Met?: No-Criterion Not Met or Not Applicable</p> <p>In Fall 2018, 146 students were enrolled in the BCS program, and generated 1,054 credit hours. (07/29/2019)</p> <hr/> <p>Assessment Result Year: 2017 - 2018</p> <p>Criterion Met?: No-Criterion Not Met or Not Applicable</p> <p>Fall 2017 enrollment for the BCS program was 154 students, who generated 522 credit hours for the program. (07/29/2018)</p> <hr/> <p>Assessment Result Year: 2016 - 2017</p> <p>Criterion Met?: No-Criterion Not Met or Not Applicable</p> <p>In Fall 2016, the BCS program enrolled 119 students. These students generated 1,149 credit hours. (07/29/2017)</p>	
	<p>Starkville - The BCS program will increase its first-year to second-year fall retention rates.</p> <p>Criterion (Column 2) : The Office of Institutional Research & Effectiveness calculates retention rates for the institution and provides these data for academic programs upon request.</p>	<p>Assessment Result Year: 2018 - 2019</p> <p>Criterion Met?: No-Criterion Not Met or Not Applicable</p> <p>Of the 27 first-time first-year students who started in the BCS program in fall 2017, 87.0% of them returned for fall 2018. (07/29/2019)</p>	<p>Use of Results (Column 4):</p> <p>Increasing retention rates is part of the institution's overall strategic plan, and the BCS program has no specific target at this time. As the program grows enrollment and brings in more first-time first-year students, emphasis on retaining those students is important. With such small samples sizes, any variation in a couple of students can impact the overall retention rates. This</p>

Expected Outcomes (Column 1)	Assessment Procedures (Column 2)	IE Results	Use of Results (Column 4)
		<p>Assessment Result Year: 2017 - 2018 Criterion Met?: No-Criterion Not Met or Not Applicable Of the 25 first-time first-year students who started in the BCS program in fall 2016, 70.4% of them returned for fall 2017. (07/29/2018)</p> <hr/> <p>Assessment Result Year: 2016 - 2017 Criterion Met?: No-Criterion Not Met or Not Applicable Of the 15 first-time first-year students who started in the BCS program in fall 2015, 76.0% of them returned for fall 2016. (07/29/2017)</p>	<p>metric will continue to be monitored. (07/29/2019)</p>
<p>Degree completion & employment - The BCS program will successfully graduate students who secure employment in the field. Outcome Status: Currently Assessing Outcome Type(s): Program Start Date: 07/01/2016</p>	<p>Starkville - The BCS program will increase the number of degrees awarded. Criterion (Column 2) : The Office of Institutional Research & Effectiveness produces the Profile of Scholarly Outcomes each year with details about degrees awarded.</p>	<p>Assessment Result Year: 2018 - 2019 Criterion Met?: No-Criterion Not Met or Not Applicable During 2018-19, the BCS program awarded 18 bachelor's degrees. Because the program is relatively new, the traditional 6-year graduation rate is not as informative as degrees awarded. For informational purposes, 11 BCS students enrolled for the first time in the fall 2012 cohort, and the 2018 graduation rate for that cohort was 63.6%. (07/29/2019)</p>	<p>Use of Results (Column 4): Increasing degrees awarded, as well as graduation rates is one of the institution's strategic goals. The BCS program will continue to monitor these metrics. (07/29/2019)</p>
		<p>Assessment Result Year: 2017 - 2018 Criterion Met?: No-Criterion Not Met or Not Applicable During 2017-18, the BCS program awarded 7 bachelor's degrees. Because the program is relatively new, the traditional 6-year graduation rate is not as informative as degrees awarded. For informational purposes, 7 BCS students enrolled for the first time in the fall 2011 cohort, and the 2017 graduation rate for that cohort was 85.7%. (07/29/2018)</p>	
		<p>Assessment Result Year: 2016 - 2017 Criterion Met?: No-Criterion Not Met or Not Applicable During 2016-17, the BCS program awarded 15 bachelor's degrees. Because the program is relatively new, the traditional 6-year graduation rate is not as informative as degrees awarded. For informational purposes, 6 BCS students enrolled for the first time in the fall 2010 cohort, and the 2016 graduation rate for that cohort was 50.0%.</p>	

Expected Outcomes (Column 1)	Assessment Procedures (Column 2)	IE Results	Use of Results (Column 4)
	<p>Starkville - Graduates of the BCS program will secure employment in the field.</p> <p>Criterion (Column 2) : The Career Center conducts alumni surveys to determine whether the institution's graduates are employed within 6 months after they graduate. They prepare individual reports for programs upon request.</p>	<p>(07/29/2017)</p> <p>Assessment Result Year: 2018 - 2019</p> <p>Criterion Met?: No-Criterion Not Met or Not Applicable Of the 18 graduates, 16 (89%) responded to the Career Center first-destination survey. 15 (93.8%) of those respondents reported that they were employed full-time, and 1 graduated reported "not seeking employment or continuing education at this time." 11 students provided salary data, and the average salary amount was \$57,136. (07/29/2019)</p> <p>Related Documents: BCS Employment Reports.pdf</p>	
<p>Recruit high-quality faculty - The BCS program will recruit and retain high-quality faculty.</p> <p>Outcome Status: Currently Assessing</p> <p>Outcome Type(s): Program</p> <p>Start Date: 07/01/2016</p>	<p>Starkville - The BCS program will recruit and retain faculty sufficient for the student enrollment.</p> <p>Criterion (Column 2) : The Office of Institutional Research & Effectiveness produces the Profile and Scholarly Outcomes each years with details on the number of faculty.</p>	<p>Assessment Result Year: 2018 - 2019</p> <p>Criterion Met?: No-Criterion Not Met or Not Applicable In Fall 2018, BCS had 4 full-time and 2 part-time faculty members for a full-time equivalent (FTE) faculty count of 4.5. 3 of these faculty members were tenure-track, and 1 was tenured. The average student credit hour per FTE faculty was 234.2. (07/29/2019)</p> <p>Related Documents: Five_Year_Scholarly_Outcomes2018_BCS.pdf</p>	
		<p>Assessment Result Year: 2017 - 2018</p> <p>Criterion Met?: No-Criterion Not Met or Not Applicable In Fall 2017, BCS had 2 full-time and 3 part-time faculty member for a full-time equivalent (FTE) faculty count of 2.8. 2 of these faculty members were tenure-track. The average student credit hour per FTE faculty was 189.8. (07/29/2018)</p> <p>Related Documents: Five_Year_Scholarly_Outcomes2017_BCS.pdf</p>	
		<p>Assessment Result Year: 2016 - 2017</p> <p>Criterion Met?: No-Criterion Not Met or Not Applicable In Fall 2016, BCS had 4 full-time and 1 part-time faculty member for a full-time equivalent (FTE) faculty count of 4.7. 2 of these faculty members were tenure-track. The average student credit hour per FTE faculty was 245.1. (07/29/2017)</p> <p>Related Documents:</p>	

Expected Outcomes (Column 1)	Assessment Procedures (Column 2)	IE Results	Use of Results (Column 4)
	<p>Starkville - The BCS faculty will produce research that contributes to the field.</p> <p>Criterion (Column 2) : The Office of Institutional Research & Effectiveness collects data from departments about faculty publications and exhibits, which is published in the annual Profile of Scholarly Outcomes.</p>	<p>Five_Year_Scholarly_Outcomes2016_BCS.pdf</p> <hr/> <p>Assessment Result Year: 2018 - 2019 Criterion Met?: No-Criterion Not Met or Not Applicable During calendar year 2018, faculty produced a total of 14 peer reviewed publications, presentations, and exhibitions. With 4 tenure-track faculty, the publication rate is 3.5 per faculty. (07/29/2019) Related Documents: Five_Year_Scholarly_Outcomes2018_BCS.pdf</p>	
		<hr/> <p>Assessment Result Year: 2017 - 2018 Criterion Met?: No-Criterion Not Met or Not Applicable During calendar year 2017, faculty produced 0 peer reviewed publications, presentations, and exhibitions. (07/29/2018) Related Documents: Five_Year_Scholarly_Outcomes2018_BCS.pdf</p>	
		<hr/> <p>Assessment Result Year: 2016 - 2017 Criterion Met?: No-Criterion Not Met or Not Applicable During calendar year 2016, faculty produced a total of 9 peer reviewed publications, presentations, and exhibitions. With 2 tenure-track faculty, the publication rate is 4.5 per faculty. (07/29/2016) Related Documents: Five_Year_Scholarly_Outcomes2018_BCS.pdf</p>	