



The American Council for Construction Education (ACCE) found three weaknesses and two concerns as it relates to our MSCM and BSCM programs:

- [MSCM Weakness] Use of Non-Budgeted Funds - While the Visiting Team found that financial support from the University and construction industry is adequate to enable the program to achieve its stated purposes, it also found that non-budgeted funds are being used to operate the Department (and thus presumably the CM Master's Degree Program). While those interviewed in upper administration are aware of this, the Team was told that this is also true for other departments within the University due mainly to the shrinking support from the State of Louisiana which is currently about 30%.
  - . . . . . On July 01, 2017, Louisiana State University added \$200,000 to the state budget for Bert S. Department of Construction Management. Timing of this action could not have been any better as the funds were used to offset long-time department deficits and salary compression. These funds were promised to the Department in 2014 due to the Turner family's donation of \$5 million. The \$5 million went towards the Patrick F. Taylor Hall building fund instead of a CM foundation account. This move was reported to ACCE in 2017. The attached documents relating to this matter are to be incorporated into CM's 2018 SPAR.
- [MSCM Weakness] Industry Advisory Committee - While the Construction Industry Advisory Council provides very meaningful financial and other similar forms of support to the Department, and thus Master's Degree Program, in discussions with Council members the Visiting Team found that they were not actively involved in an advisory role for the CM Master's Degree Program itself as it relates mainly to such issues as curriculum and research activities. [See ACCE Document 103 MD Section 7.1].
  - . . . . . and was reported to ACCE. The Construction Industry Advisory Board has created two committees specifically for the MSCM program. They have also created an informal operational plan to engage graduate students with industry while assisting them in seeking employment within the industry. The attached documents relating to this matter are to be incorporated into CM's 2018 SPAR.
- [MSCM Concern] University Support Services - The Visiting Team found that other appropriate services are available on campus to support the Master's Degree Program but there exists challenges at all levels of the institution with the antiquated administrative computer software systems which appears to be negatively impacting the morale of students, faculty and staff which, if not corrected in the near future, may negatively impact the quality of the students' education.
  - . . . . . LSU has implemented a new software management system called Workday to replace the antiquated Common Business-Oriented Language (COBOL) system. Currently, the system is has replaced Human Resources and Financial systems. LSU is now working to update the software for student records, registration, and admissions.
- [BSCM Weakness] Budgeted Funds. Budgeted funds allocated by administration are currently insufficient to support competitive faculty and staff salaries as well as educational materials, supplies, and equipment that are necessary for the degree program to achieve its mission, goals, and objectives. Consequently, the lack of budgeted funds is being filled by non-recurring funds such as donations from industry and revenue from the Department's online certificate and graduate programs.
  - . . . . . See MSCM Weakness "Use of Non-Budgeted Funds" above.
- [BSCM Concern] Budgeted Funds to Support Program Growth. Budgeted financial resources are likely not adequate to enable the degree program to achieve its planned growth and future goals and objectives. Since the time that the Self Study was written, undergraduate enrollment increased from 592 to 671 students (as shown in the Spring 2017 14-day enrollment report). The Self Study indicates 10 FTE faculty (7 tenure/tenure track and 3 instructors). These numbers show that the student:faculty ratio has already increased from 59:1 to 67:1 since Spring 2016. If this trend worsens (i.e., student:faculty ratios continue to increase) the program will not be able to achieve the goals and objectives stated in the strategic plan.
  - . . . . . Two temporary instructors and one staff member on soft money were added to the budget thanks to the Turner budget increase. In addition, salary compression was resolved. This kept several faculty from leaving the Department. Enrollments continue to increase and are causing higher student:faculty ratios. Hiring plans have been given to the Dean's office. The attached documents relating to this matter are to be incorporated into CM's 2018 SPAR.
- Construction Management has two different assessment software tools. LSU's Taskstream is being used a general overarching assessment tool, while the College of Engineering's ClearPoint software is being used for detailed assessment (20 SLOs required by accreditation and over 100 measurements) of the Departments strategic plan and student learning outcomes:
  - Action Item - In progress. Complete the 2018 SLO assessment in ClearPoint. The final analysis will compare the various assessment tools against each other to determine effectiveness.
  - Action Item - Not started. The completed detailed assessment in ClearPoint is to be used to assess the general SLOs in Taskstream. Once complete, the ClearPoint PDF files will be uploaded into Taskstream as a backup documentation.

The CM Department houses three federally funded centers:

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1.1.4 Nurture collaborative relationships with owners and operators of critical infrastructural systems in Louisiana, including, but not limited to, electrical power industry, grid operators, government agencies of the road network and other public infrastructural systems.



1.1.5 Build university and industry-cooperative research initiatives, teams and centers.





		CoE - 7.8 vs CM - 20.9			
		These numbers also has a detrimental affect on the Department's ability to achieve Objective 2.2 as it relates to international educational experience and global awareness.			



Create a LSU Online  
Bachelor in Construction  
Management

<p>↑ 3.0 Redefine Our Social Network</p>	<p>3.1 Foster trust and loyalty among our corporate partners by providing superior customer service and access to talented graduates.</p>	<p>On the social media front, the Department of Construction Management continues to grow its following and engage students, industry representatives, alumni, and the Baton Rouge community. Going forward, the department will continue to curate and create interesting content that will not only encourage its audience to grow, but to also turn our current audience into champions for our program. We will continue to highlight the support we receive from industry partners and CM alumni via our website and social media. Additionally, we will continue to work with the College of Engineering as well as LSU Strategic Communications to ensure that our communication practices are correct and that we help maintain the overall university brand.</p>	<p>At the request of the CM Alumni Group, their website has been folded into the CIAC website and it will function under its umbrella. While the department is managing the database in the meantime, it is recommended that the CM Alumni group regains conta</p>		







<p>1.1.1 Develop a formal operational structure through the development of a research network within the College to facilitate interdisciplinary, collaborative efforts in the following areas: sustainability, safety, resiliency, buildings, manufacturing facilities, roads and bridges, power plants, electrical grids, computing systems, software, cybersecurity, informatics systems, intelligent systems and visualization technology.</p>	<p>There has yet to be a formal operational structure for research but the number of collaborative scholarly activities are meeting targets.</p>	<p>As stated last assessment cycle, it is almost impossible for one Department to organize such an interdisciplinary effort without a champion at the college level...like a Associate Dean of Research.</p>	
<p>1.1.2 Build lasting relationships with funding agencies interested in infrastructure, and obtain stable funding in support of faculty research.</p>	<p>No information provided as the LCMI is going through fundamental changes at the government level.</p>	<p>Await instructions from the Department of Commerce as to the new operations commence.</p>	<p>Continue to explore avenues for an Industrial Innovation Center.</p>
<p>1.1.3 Through the U.S. Department of Commerce's Investing in Manufacturing Communities Partnership (IMCP) designation, the Smart Industrial Manufacturing Institute (SIMI) will be established to leverage the broad partnership of 83 leading organizations across all sectors of the petrochemical industries in Louisiana.</p>	<p>See Goal 1.1.2</p>		<p>Continue to explore avenues for an Industrial Innovation Center.</p>





<p>1.1.4 Nurture collaborative relationships with owners and operators of critical infrastructural systems in Louisiana, including, but not limited to, electrical power industry, grid operators, government agencies of the road network and other public infrastructural systems.</p>	<p>LCMI remains static. See Goal 1.1.2 for more information</p>	<p>None</p>	
<p>1.1.5 Build university and industry-cooperative research initiatives, teams and centers.</p>	<p>See Goal 1.1.2</p>	<p>None.</p>	<p>Continue to explore avenues for an Industrial Innovation Center.</p>
<p>2.1 Promote an undergraduate and graduate environment that develops and encourages a diverse set of management and leadership skills.</p>	<p>Enrollments continue to increase just under 15%. Undergraduate BSCM and CCM has seen the largest growth. Most all targets have been met with exception of the number of Sigma Lambda Chi members, degrees awarded to females and degrees awarded to underrepresented students.</p> <p>As noted in the last assessment, Annual Student Credit Hours (SCH) per faculty, degrees awarded per total faculty, majors per total faculty, and enrollments per total faculty easily met their targets; however they were so far beyond the target that they were flagged an "unacceptable range" (2x - 4x times the college average). The is due to the low number of faculty as compared to rising enrollments and teaching loads.</p>	<p>Need to hire more faculty! Enrollments have increased faster than resources acquired. As for the items that have yet to make targets, the Department implemented CxC in the curriculum in the 2016 cycle and hired an Operations Manager to oversee recruiting. It will take another 2 years to see improved results. The BIM course is now offered each semester. The curriculum committee has put a curriculum proposal that would add BIM to the core set of courses...awaiting approval. The Department needs to closely monitor related measures this next cycle to see if the numbers change.</p>	<p>Correct the funding model for the CCM online program</p> <p>Explore the option to integrate the BIM Course into the core curriculum</p>


















<p> 2.6 Increase the quality of LSU's annual entering freshman class.</p>	<p>Total freshman enrollments continue to around per year. Yield rates continue on an upward trend and finally met the targets this assessment cycle. Retention is on the upward climb but has yet to met target values.</p>	<p>None</p>	
<p> 3.1 Foster trust and loyalty among our corporate partners by providing superior customer service and access to talented graduates.</p>	<p>All measures indicate that we are meeting our targets as it relates to Objective 3.1. CM's involvement with industry continues to be strong. It should be noted that there was a drop in the number of students with a job at graduation and we will address this issue in the coming year.</p>	<p>Ensure that students accurately fill out their graduation survey in regards to their employment.</p>	<p> <a href="#">Add job opening widget to our CM website</a></p> <p> <a href="#">Provide CM staff access to Careers2Geaux website</a></p>

<p>3.2 Develop mutually beneficial relationships with our alumni to ensure lifelong devotion to the College. Build perpetual support from our donors by providing timely acknowledgement of their gifts and implementing creative stewardship.</p>	<p>Measures indicate that the Department is meeting targets and is achieving the Objective of developing industry/alumni relationships. Our alumni continue to volunteer their time and talents to the CM department and are becoming more involved in the creation of the industry and alumni newsletter.</p>	<p>None</p>	<p> Update CM alumni website</p>
<p>3.3 Solidify a cohesive brand for the College that is recognized by all major constituent groups. Maintain a strong relationship with the local media, while creating and fostering connections on the national level, to shape a positive public opinion. Propel sharing and engagement of earned media through paid promotion and advertising.</p>	<p>Most all targets are being met. The Engagement with the CM Facebook page continues to grow. Numbers are increased by posting fresh and interesting content that intrigues our audiences and encourages interaction. Additionally, the Operations Manager can grow the number of page likes by meeting with and encouraging CM Students to follow and tag the official CM pages. As our program - undergraduate and graduate - continues to grow, our numbers will grow as well.</p>	<p>In order to keep creating and curating engaging and informative content for social media, the Operations Manager is working with a marketing student who will focus on our digital marketing and social media presence. This should help the department attain its goals for social media growth and improvement.</p>	<p> Sponsor a Facebook "like" campaign</p> <hr/> <p> Complete a joint campaign with CIAC, the CM Alumni, ABC and AGC to link CM website</p> <hr/> <p> Link CM Online Programs to all CM social media</p>

<p> 4.1 Maintain a system of thinking where creativity, innovation and automation converge to maximize every dollar spent.</p>	<p>Still have 5 revenue generating programs.</p>	<p>Explore stacking micro-credentials and certificates withing the online BSCM.</p>	<p> Explore developing online credentialing for those without an undergraduate degree</p>
<p> 4.2 Foster an environment where communication is kind and timely.</p>	<p>This is a college objective that is impossible to measure communications that are "kind and timely". The Department looks at this though the lens of faculty/staff interaction. As noted in the last assessment cycle, if we are successful communicating to the faculty/staff, this success filters to all stakeholders in LSU as well as the industry. Faculty and staff meetings remain consistent and have been productive.</p>		
<p> 4.3 Provide faculty, staff and students with the tools needed to maintain positive energy balance among work and life.</p>	<p>The Department has yet to start this activity.</p>	<p>Set aside time in the summer to develop the survey for fall implementation.</p>	<p> Develop and operational/department improvement survey</p>





<ul style="list-style-type: none"> <li>■ Develop a 5-year BSCM to MBA fast path program</li> </ul>	<ul style="list-style-type: none"> <li>● Chuck Berryman (Construction Management)</li> </ul>	12/21/18		
<ul style="list-style-type: none"> <li>■ Develop dual degree program BSCM and BS in Entrepreneurship</li> </ul>	<ul style="list-style-type: none"> <li>● Chuck Berryman (Construction Management)</li> </ul>	12/21/18		
<ul style="list-style-type: none"> <li>✓ <del>Develop standard operating procedures (SOP) for the CM Department</del></li> </ul>	<ul style="list-style-type: none"> <li>● Elizabeth Poret (Construction Management)</li> </ul>	12/10/18		
<ul style="list-style-type: none"> <li>■ Create a departmental survey for systems and operational improvements</li> </ul>	<ul style="list-style-type: none"> <li>● Elizabeth Poret (Construction Management)</li> </ul>	8/15/18		
<ul style="list-style-type: none"> <li>■ Develop a school, institute or center for industry and academic collaboration</li> </ul>	<ul style="list-style-type: none"> <li>● Chuck Berryman (Construction Management)</li> </ul>	8/30/19		
<ul style="list-style-type: none"> <li>■ Create a LSU Online Bachelor in Construction Management</li> </ul>	<ul style="list-style-type: none"> <li>● Chuck Berryman (Construction Management)</li> </ul>	8/15/19		





Total Enrollments by Degree Program  
Total Enrollments by Degree Program

CM Enrollments (based on 14 di



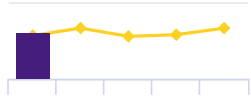
Academic Year



### Annual Degrees Awarded - Bachelors

Annual Degrees Awarded - Bachelors

Degrees Awarded

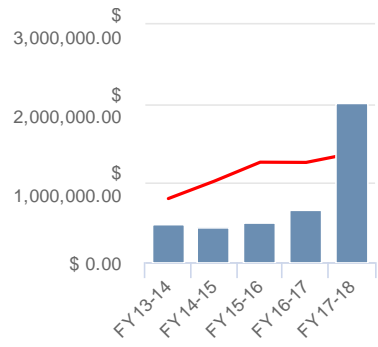


Academic Year

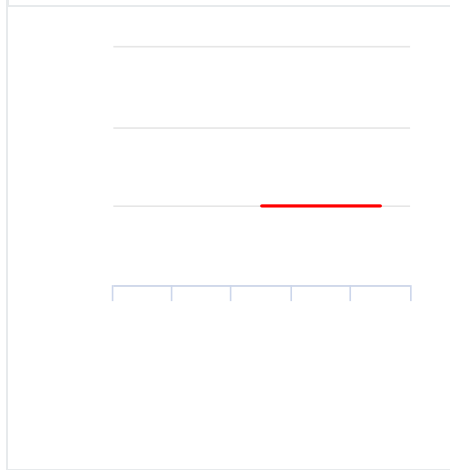
Academic Year	Degrees Awarded
2010	100
2011	105
2012	100
2013	100
2014	105



Total sponsored program expenditures  
Total sponsored program expenditures



Number of Refereed Journal Publications per Tenure/Tenure-Track Faculty  
Number of Refereed Journal Publications per Tenure/Tenure-Track Faculty

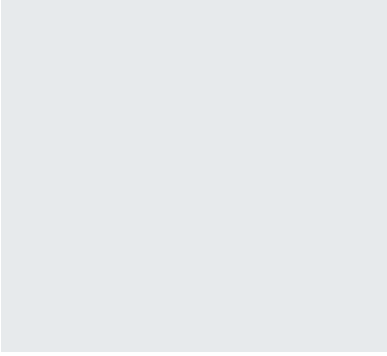








Number of students completing courses focused on or addressing safety practices.  
Number of students completing courses focused on or addressing safety practices.

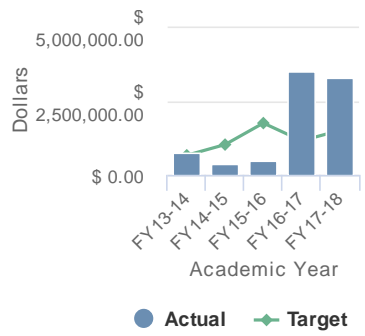




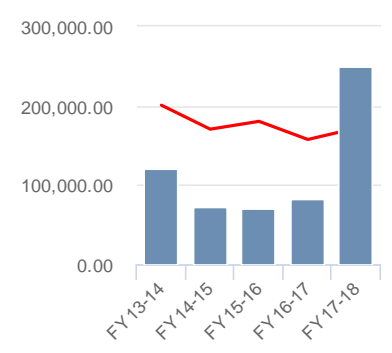




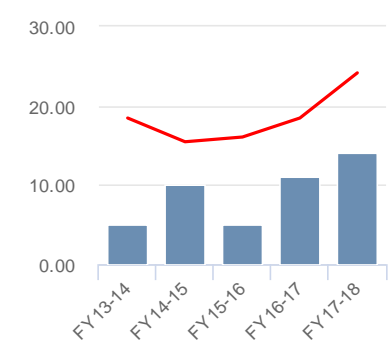
↑ Total \$ new sponsored program award funding  
Total \$ new sponsored program award funding



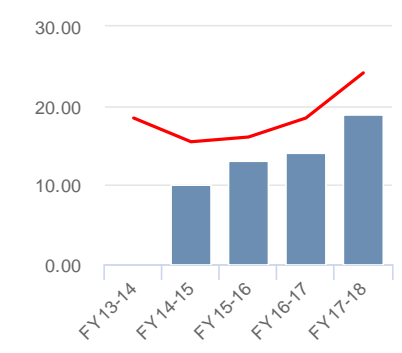
↑ Total Expenditures per Total Tenure/Tenure  
New sponsored program expenditures by tenure,



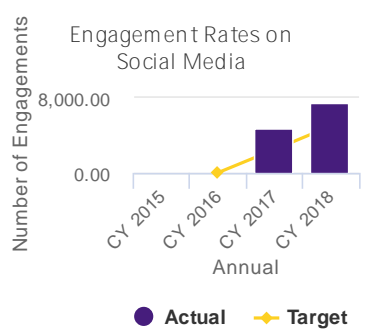
↓ Number of B.S. degrees awarded to female  
Number of B.S. degrees awarded to females



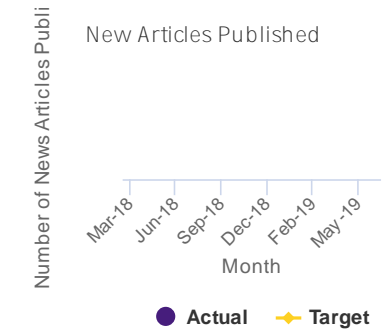
↓ Number of B.S. degrees awarded to underre  
Number of B.S. degrees awarded to underre



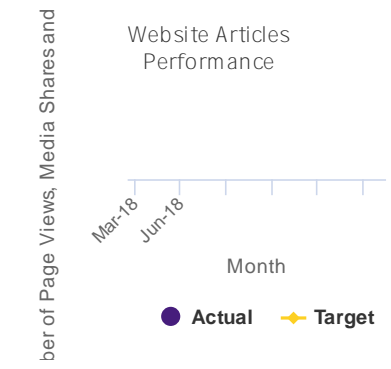
↑ Annual engagement rate on social media.  
Annual engagement rate on social media.



● Number of news articles published to webs  
Number of news articles published to website each

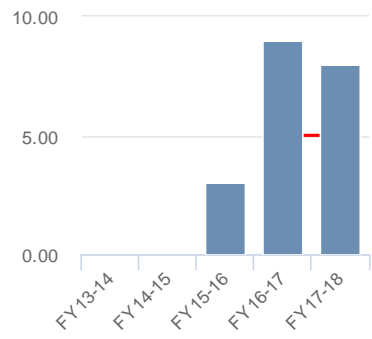


● Performance of website articles - page views, social media shares and engagement each  
Performance of website articles - page views, social media shares and engagement each month










Number of collaborative proposals submitted  
Number of collaborative proposals submitted relat























Area	Description	Action	Start Date	End Date	Status	Notes
 Chuck Berryman (Construction Management)	 <del>Correct the funding model for the CCM online program</del> Chuck Berryman (Construction Management)	Incorrect fee structure has financially robbed the program of its resources. It is being subsidized by the MSCM online program. Corrective action is needed to stop the losses.	1/3/17	6/12/17	 3.0 Redefine Our Social Network Samantha Baldrige	
					 2.1 Promote an undergraduate and graduate environment that develops and encourages a diverse set of management and graduate students	



					 2.0 Educate the Workforce of Tomorrow Chuck Berryman (Construction Management)	
 Samantha Baldrige	 Provide necessary staff with access to Handshake Samantha Baldrige		4/9/18	4/1/19	 Provide CM staff access to Careers2Geaux website Samantha Baldrige	Necessary faculty and staff have met with the Olinde Career Center team and have obtained employer access to the site. The department also has an account that is used to post events and interact with students.
 Elizabeth Poret (Construction Management)	 Develop and operational/department improvement survey Elizabeth Poret (Construction Management)		5/16/18	9/10/18	 4.3 Provide faculty, staff and students with the tools needed to  : f orH wr rk-andm .	
						
						

					<p> 3.0 Redefine Our Social Network Samantha Baldrige</p>	
<p> Samantha Baldrige</p>	<p> <a href="#">Link CM Online Programs to all CM social media</a> Samantha Baldrige</p>		1/1/18	12/31/18	<p> 3.3 Solidify a cohesive brand for the College that is recognized by all major constituent groups. Maintain a strong relationship with the local media, while creating and fostering connections on the national level, to shape a positive public opinion. Propel sharing and engagement of earned media through paid promotion and advertising.</p>	Information about the online CM programs are shared on all of the department's main social media channels. Our department also has a working relationship with the LSU Online social media manager, who assists with cross promotion of events, shares CM online information, and augments our efforts.
	<p> Explore developing online credentialing for those without an undergraduate degree</p>	This would like to the online BSCM program where credentials and certificates could be stacked within existing courses.	1/1/19	3/31/19	<p> 4.1 Maintain a system of thinking where creativity, innovation and automation converge to maximize every dollar spent.</p> <p> 4.0 Reinvent How We Do Business Elizabeth Poret (Construction Management)</p>	
						<p>The American Council for Construction Education (ACCE) found three weaknesses and two concerns as it relates to our MSCM and BSCM programs:</p> <p>[MSCM Weakness] Use of Non-Budgeted Funds - While the Visiting Team found that financial support from the University and construction industry is adequate to enable the program to achieve its stated purposes, it also found that non-budgeted funds are being used to operate the Department (and thus presumably the CM Master's Degree Program). While</p>











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	<p>↑ Enhance student assessment of learning for BSCM and MSCM</p>	<p>LSU degree program review recommendation 2 of 2: The department should continue its efforts to enhance student assessment of learning, including a review of student outcomes and effectiveness of assessment methods.</p>	<p>3/1/19</p>	<p>12/31/19</p>	<p>↑ 2.0 Educate the Workforce of Tomorrow        Chuck Berryman (Construction Management)</p>	<ul style="list-style-type: none"> <li>• Construction Management has two different assessment software tools. LSU's Taskstream is being used a general overarching assessment tool, while the College of Engineering's ClearPoint software is being used for detailed assessment (20 SLOs required by accreditation and over 100 measurements) of the Departments strategic plan and student learning outcomes:</li> <li>• ...Complete the 2018 SLO assessment in ClearPoint. The final analysis will compare the various assessment tools against each other to determine effectiveness.</li> <li>• ... The completed detailed assessment in ClearPoint is to be used to assess the general SLOs in Taskstream. Once complete, the ClearPoint PDF files will be uploaded into Taskstream as a backup documentation.</li> </ul>
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