



.....Strategic Plan 2015 - 2025.....

Vision

To transform the LSU Construction Management Department into a nationally renowned School of Construction.

Mission

Bert S. Turner Department of Construction Management Mission - To prepare our graduates with the ability to lead and problem-solve, to advance construction knowledge through research and scholarly activities, and to serve the communities through outreach...all in partnership with industry.

Executive Summary for 2018

Unit Head 2018 Summary for the Bert S. Department of Construction Management - C.W. Berryman

Current State of the Department

Once again, we had the largest incoming freshman class ever while graduating the largest number of students in Department history. There were over 941 student enrolled in CM degree programs. For the academic year 2017-2018, there were 295 students that graduated from one of the CM programs. The calendar year of 2017 saw over 270 students graduate with some type of CM degree. Our Master of Science in Construction Management (MSCM) online program continues to grow as well as the Post Baccalaureate Certificate (CCM) program. These programs were identified by LSU Online as having the highest growth rate as compared to other online programs at LSU. In addition, the US News and World report ranked the MSCM as a Best Online Program for 2016, 2017, and 2108. As for quality of students, it has drastically improved over the years as students are now, in 2017, exceeding the national average scores when they take the American Institute of Constructors Level I fundamentals exam. Within this same cycle, LSU completed it's program review of the MSCM and the BSCM. They had two recommendations:

- Recommendation 1: The department should incorporate in its annual strategic planning report (SPAR) a discussion of the steps it has taken to address the recommendations from its last accreditation review, until all recommendations are resolved. Any relevant follow-up reports to the accrediting agency should also be included as an attachment(s) in the SPAR.
- Recommendation 2: The department should continue its efforts to enhance student assessment of learning, including a review of student outcomes and effectiveness of assessment methods.

Two Action items were developed and placed in the Department's Strategic Plan:

Action Items 1 of 2: Address recommendations from ACCE accreditation visit for BSCM and MSCM

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%.
 - **Action – This Weakness has been alleviated.** 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].
 - **Action – This Weakness has been alleviated** 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.
 - **Action - In progress.** 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.
 - **Action – This Weakness has been alleviated.** 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.
 - **Action – In progress.** 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.

Action Item 2 of 2: Enhance student assessment of learning for BSCM and MSCM

- 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:

- The US Department of Commerce, Economic Development Administration funded our Industrial Innovation Center (IIC). The mission of the IIC is to work with its industry partners to identify specific technological needs among three technology user groups: industrial contractors, plant operators, and workforce training. The Center will establish an innovation think tank to facilitate identifying technology needs of industry and finding innovative solutions.
- The US Department of Energy, funded the Industrial Assessment Center (IAC). The IAC's mission is to provide free assessments and improvement recommendations on energy efficiency, productivity, sustainability, and competitiveness to small and medium-sized enterprises; and to educate and train engineering students with applied energy and manufacturing-related skills. The Center will leverage existing industry, governmental partners and small & medium sized manufacturers in Louisiana (in particular in remote and economically disadvantaged

communities) to provide its assessment services to address the need of operational improvement.

- A large consortium of universities led by LSU was awarded a grant from the U.S. Department of Transportation to establish a regional transportation research center. The Transportation Consortium of South-Central States, or Tran-SET, focuses on improving transportation infrastructure through the use of innovative materials and technology. It supports all phases of research, technology transfer, workforce development and outreach activities of emerging technologies that can solve transportation challenges in the region.

To date there are 83 active research grants and subgrants within the CM Department totaling more than \$3.5 million annually...or 14% of the total sponsored program awards in the College of Engineering. In comparison, this is almost 4 times the ratio of dollars awarded per tenure/tenure track faculty in the College of Engineering. See charts at end of the summary.

Key Issues/Concerns





The faculty work load has increased significantly due to increased research grant funding and increased enrollments (based on 2016-2017 LSU Budget and Planning metric):








- Research expenditures per tenure/tenure track faculty: CoE- \$171,804 vs CM - \$250,574
- Majors per total Faculty: CoE – 37.3 vs CM – 64.4 (LSU excludes CM PhDs as they are under Engineering Science)
- Student Credit Hours per Total Faculty: CoE – 560.2 vs CM – 1123.9
- Degree per Total Faculty: CoE – 7.8 vs CM – 20.9

In spite of the low faculty numbers, on average, the Department has the highest teaching load in the college (2x) and the highest number of annual research dollars per faculty (4x). As anyone can attest, the CM faculty are among the hardest working group in the college...but this pace cannot be sustained without bringing in more faculty to assist with the teaching and research load. It will be difficult to achieve all of our initiatives if the faculty count remains the same.

Upcoming Initiatives for 2018





- Begin the search for new faculty (if approved).
- Obtain approval for a PhD in Construction Management - Letter of intent at the Board of Regents
- Update all alumni contact information by year's end.
- Create an online Post Baccalaureate Certificate in Facilities Management - proposal scheduled for September 2019.
- Integrate BIM and sustainable courses in the curriculum by the end of the year.
- Finish the development of a 4-year BSCM to MBA by the end of the year.
- Develop dual degree program BSCM and BS in Entrepreneurship with the Business College by December 2018.
- Development of a School of Construction Management that can incorporate all academic programs and research centers.
- Develop LSU Online BSCM program with an October 2019 launch date.
















Goals	Objectives	Analysis UPDATE	Recommendations UPDATE	Initiatives	Action Items
<p>  1.0 Solve Louisiana's Greatest Challenges </p>	<p>  1.1 Develop cost-effective and environmentally friendly sources of energy; Create solutions to save our coast and waterways; Engineer better healthcare; Provide a safer and more cost-effective national infrastructure; Improve America's manufacturing competitiveness. </p>	<p>Objectives 1.1, 1.1.1 and 1.1.4 in the area of Infrastructure are meeting or exceeding targets due to the large increase in research funding obtained by the Construction Management faculty. The CM research production per faculty is 4:1 as compared to the CoE. Developing a formal operating research network in the college (Objective 1.1.1) is not moving forward in a manner that is positive due to the lack of interest among a lot of faculty to work in other disciplines.</p> <p>From the last assessment cycle:</p> <p>Objectives 1.1.2 and 1.1.3 is directly related to the Louisiana Chemical Manufacturing Initiative lead by this Department. The Louisiana Chemical Manufacturing Initiative (LCMI) received the "Investing in manufacturing Communities Partnership" (IMCP) designation from the U.S. Department of Commerce in July 2015. LCMI's mission is to bring all stakeholders together to cultivate relationships and to brainstorm strategies to advance the chemical manufacturing ecosystem in South Louisiana. With the change in federal administration, the amount of awarded federal grants has substantially dropped from \$75 million to \$10 million. The federal support for this program has waned in the</p>	<p>As noted from the last assessment cycle, the CM Department needs to continue to hire faculty each year to maintain research performance and to meet strategic needs of LSU. It is also recommended that the Department continues it's initiative to explore avenues from which it can develop an institute or center that can house the federal centers and the Department while partnering with industry to met there needs. It also might be the time to discuss the addition of an Associate Dean of Research to lead a formal cross-disciplinary research network.</p>	<p>  Organize a college wide workshop to formalize collaboration </p>	<p>  Continue to explore avenues for an Industrial Innovation Center. </p>

Goals	Objectives	Analysis UPDATE	Recommendations UPDATE	Initiatives	Action Items
	<p data-bbox="428 302 716 854">  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 data-bbox="428 870 716 1089">  1.1.2 Build lasting relationships with funding agencies interested in infrastructure, and obtain stable funding in support of faculty research. </p> <p data-bbox="428 1105 716 1520">  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 data-bbox="741 92 1037 282"> past year. There was an attempt to move this program with two other federal centers under ORED so as to keep the momentum with industry. The CM Department found little support to make this move. </p>		<p data-bbox="1394 553 1671 602">  Develop Institute under ORED </p> <p data-bbox="1394 943 1661 1024">  Obtain approvals for a PhD in Construction Management </p> <p data-bbox="1394 1268 1661 1373">  Develop a school, institute or center for industry and academic collaboration </p>	<p data-bbox="1715 537 1976 618">  Hire at least one new faculty member for 2019 </p>





Goals	Objectives	Analysis UPDATE	Recommendations UPDATE	Initiatives	Action Items
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<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>1.1.5 Build university and industry-cooperative research initiatives, teams and centers.</p>












Goals	Objectives	Analysis UPDATE	Recommendations UPDATE	Initiatives	Action Items
<p> 2.0 Educate the Workforce of Tomorrow</p>	<p> 2.1 Promote an undergraduate and graduate environment that develops and encourages a diverse set of management and leadership skills.</p>	<p>Objective 2.3 is easily being met due to the Department's partnership with Alliance Safety Council as an OSHA training center. Attention to recruiting and retention has increased enrollments as well as keeping the students in the CM curriculum. Total student enrollments continue to increase each year (2016 - 14.1%; 2017 - 11.2%, 2018 - 3.0%). The BSCM student are now scoring higher than national averages on the American Institute of Contractors (AIC) exam. Graduate enrollments continue to increase due to international exposure and to CM's online presence as a Best Online Program as reported by the US News and World Report.</p> <p>The remaining objectives are of concern as the faculty work load has increased significantly due to increased research grant funding and increased enrollments (based on 2016-2017 LSU Budget and Planning metric):</p> <ul style="list-style-type: none"> • Research expenditures per tenure/tenure track faculty: CoE- \$171,804 vs CM - \$250,574 • Majors per total Faculty: CoE - 37.3 vs CM - 64.4 (LSU excludes CM PhDs as they are under Engineering Science) • Student Credit Hours per Total Faculty: CoE - 560.2 vs CM - 1123.9 • Degree per Total Faculty: 	<p>Hire more faculty!</p> <p>LSU complete a degree program review for the MSCM and the BSCM. They had two recommendations:</p> <p>Recommendation 1: The department should incorporate in its annual strategic planning report (SPAR) a discussion of the steps it has taken to address the recommendations from its last accreditation review, until all recommendations are resolved. Any relevant follow-up reports to the accrediting agency should also be included as an attachment(s) in the SPAR.</p> <p>Recommendation 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>Action Items were created for each recommendation.</p>	<p> Develop a plan to acquire new faculty lines</p>	<p> Correct the funding model for the CCM online program</p>

Goals	Objectives	Analysis UPDATE	Recommendations UPDATE	Initiatives	Action Items
		CoE - 7.8.5 - 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.			
	 2.2 Enhance global awareness and an international education experience among our students.			 Obtain approvals for a PhD in Construction Management	 Explore the option to integrate the BIM course into the core curriculum.
	 2.3 Emphasize concepts of safety and sustainability among graduates.			 Complete BIM Laboratory in newly renovated Patrick Taylor Hall	 Hire at least one new faculty member for 2019
	 2.4 Impart a strong sense of appreciation of and commitment to local and global community.			 Review curriculum and resources for BIM integration into the core curriculum	 Address recommendations from ACCE accreditation visit for BSCM and MSCM
	 2.5 Train our graduates for academic careers.			 Create an online Post Baccalaureate Certificate in Industrial Facilities Management	 Enhance student assessment of learning for BSCM and MSCM
	 2.6 Increase the quality of LSU's annual entering freshman class.			 Expand matriculation agreements with community colleges	
				 Review curriculum and resources to integrate sustainable construction into the core curriculum	
				 Develop a recruitment plan for BSCM students	
				 Develop a 5-year BSCM to MBA fast path program	
				 Develop dual degree program BSCM and BS in Entrepreneurship	
				 Develop a school, institute or center for industry and academic collaboration	

Goals	Objectives	Analysis UPDATE	Recommendations UPDATE	Initiatives	Action Items
				<ul style="list-style-type: none"> ■ Create a LSU Online Bachelor in Construction Management 	

Goals	Objectives	Analysis UPDATE	Recommendations UPDATE	Initiatives	Action Items
 3.0 Redefine Our Social Network	<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 control in the next two years.</p> <p>Additionally, we have found that our social media is not only a good way to communicate our successes, but also is a great tool to communicate the affordability, quality, and convenience of our online programs. In addition to sharing news and information about the program, it is recommended that the department continue to target individuals on social media who may be interested in our PBC or Master's programs, but may not know that they are available in a 100% online format.</p>	<p>Update alumni contact information</p>	<p> Add job opening widget to our CM website</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> Develop a recruitment plan for BSCM students</p>	<p> Provide CM staff access to Careers2Geaux website</p>

Goals	Objectives	Analysis UPDATE	Recommendations UPDATE	Initiatives	Action Items
	<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>				<ul style="list-style-type: none"> <li data-bbox="1709 342 1944 391">  Update CM alumni website <li data-bbox="1709 613 1955 662">  Sponsor a Facebook "like" campaign <li data-bbox="1709 691 2001 797">  Complete a joint campaign with CIAC, the CM Alumni, ABC and AGC to link CM website <li data-bbox="1709 816 1948 894">  Link CM Online Programs to all CM social media

Goals	Objectives	Analysis UPDATE	Recommendations UPDATE	Initiatives	Action Items
 4.0 Reinvent How We Do Business	 4.1 Maintain a system of thinking where creativity, innovation and automation converge to maximize every dollar spent.	<p>Nothing has changed since the last assessment for Objective 4.1. Currently there are 5 revenue generating programs outside of the state machine run budget- online CCM, online MSCM, TranSet, BIM Cave, and LSU Foundation. The target is 7 total programs.</p> <p>Communication within the Department is doing well (4.2) but still need to improve operations (4.3) and complete the survey.</p>	<p>Look at other revenue generators through the BSCM online program. In addition, work during the summer to complete the improvement survey.</p>	 Create an online Post Baccalaureate Certificate in Industrial Facilities Management	 Continue to explore avenues for an Industrial Innovation Center.
	 4.2 Foster an environment where communication is kind and timely.			 Develop standard operating procedures (SOP) for the CM Department	 Develop and operational/department improvement survey
	 4.3 Provide faculty, staff and students with the tools needed to maintain positive energy balance among work and life.			 Create a departmental survey for systems and operational improvements	 Explore developing online credentialing for those without an undergraduate degree
				 Create a LSU Online Bachelor in Construction Management	

Objective Summary Report

Cnst Management

 Home

 Scorecard



 Goals

 Objectives







 Initiatives


 Measures

 Action Items





Objective	Analysis	Recommendations	Action Items
<p> 1.1 Develop cost-effective and environmentally friendly sources of energy; Create solutions to save our coast and waterways; Engineer better healthcare; Provide a safer and more cost-effective national infrastructure; Improve America's manufacturing competitiveness.</p>	<p>The Department is exceeding all targets. The total dollars amount of proposals submitted has dropped only a few thousand dollars so it is not a concern.</p>	<p>None at this time. Action item from last cycle remains static until a School of Construction can be formed.</p>	<p> Continue to explore avenues for an Industrial Innovation Center.</p>





Objective	Analysis	Recommendations	Action Items
<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>





Objective	Analysis	Recommendations	Action Items
<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>






Objective	Analysis	Recommendations	Action Items
			<p data-bbox="1549 154 1976 203"> Hire at least one new faculty member for 2019</p>

Objective	Analysis	Recommendations	Action Items
<p>■ 2.1.1 Enhance student's critical thinking and communication skills</p>			
<p>↓ 2.2 Enhance global awareness and an international education experience among our students.</p>	<p>The Department is unable to put resources to this objective due current faculty loads. It is recommended to hire more faculty to assist with this international effort.</p>	<p>Hire more faculty!</p>	<p>↓ Hire at least one new faculty member for 2019</p>
<p>↑ 2.3 Emphasize concepts of safety and sustainability among graduates.</p>	<p>Meeting targets.</p>	<p>None</p>	

Objective	Analysis	Recommendations	Action Items
 <p>2.4 Impart a strong sense of appreciation of and commitment to local and global community.</p>	<p>As noted in the last assessment cycle. The integration of service learning modules require extensive resource management. With a limited number of faculty, this goal is not attainable; however, faculty, staff, and students are involved in various service activities</p>	<p>Hire more faculty!</p>	 Hire at least one new faculty member for 2019
 <p>2.5 Train our graduates for academic careers.</p>	<p>Graduate programs continue to grow. Most campus MSCM student have switched over to the online version of the degree program. Key to further growth lies in the number of tenure or tenure track faculty.</p>	<p>Hire more faculty!</p>	 Hire at least one new faculty member for 2019

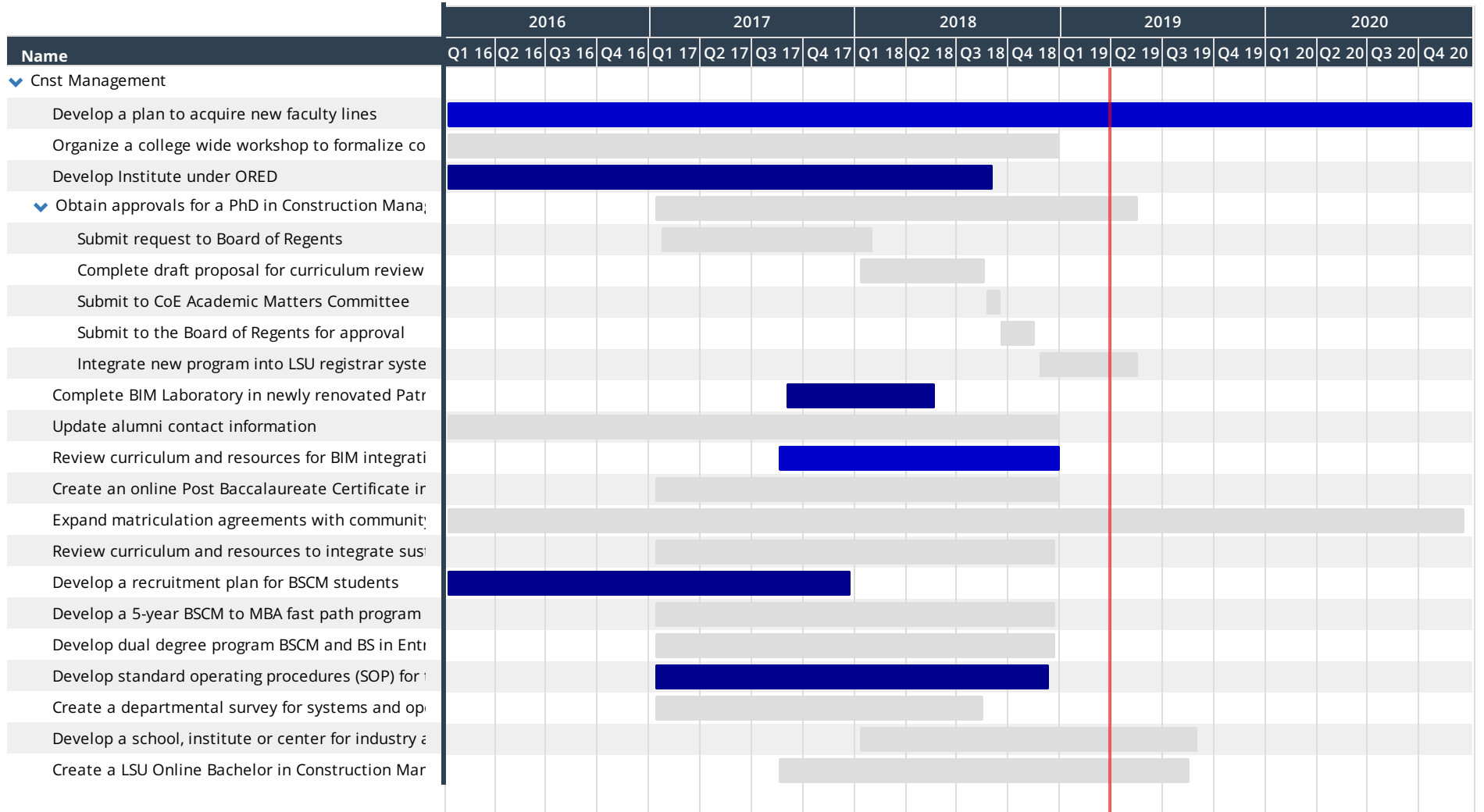
Objective	Analysis	Recommendations	Action Items
<p> 2.6 Increase the quality of LSU's annual entering freshman class.</p>	<p>Total freshman enrollments continue to around per year. Yield rates continue on an upward trend and finally met the targets this assessment cycle. Retention is on the upward climb 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> Add job opening widget to our CM website</p> <p> Provide CM staff access to Careers2Geaux website</p>

Objective	Analysis	Recommendations	Action Items
<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>	<ul style="list-style-type: none">  Update CM alumni website
<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>	<ul style="list-style-type: none">  Sponsor a Facebook "like" campaign  Complete a joint campaign with CIAC, the CM Alumni, ABC and AGC to link CM website  Link CM Online Programs to all CM social media

Objective	Analysis	Recommendations	Action Items
 <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>

Gantt Chart













Cnst Management

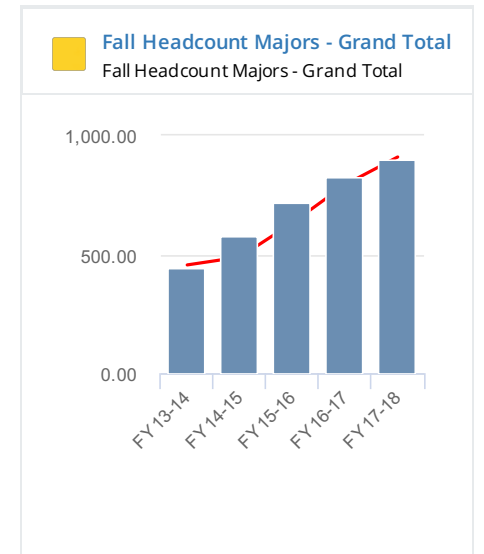
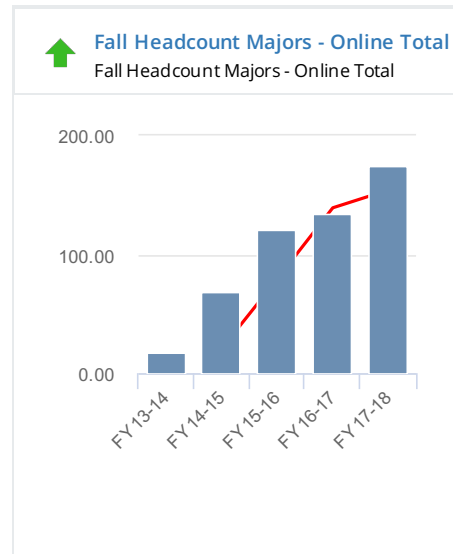
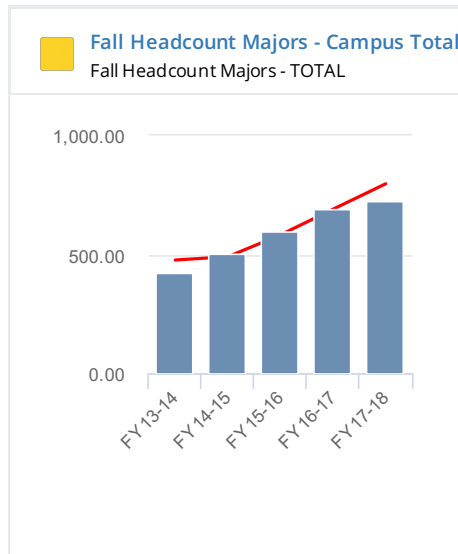
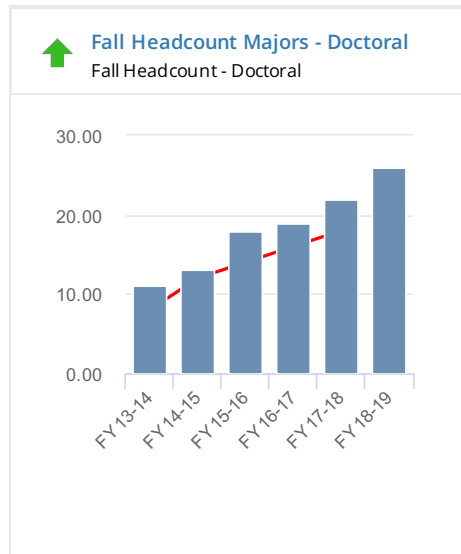
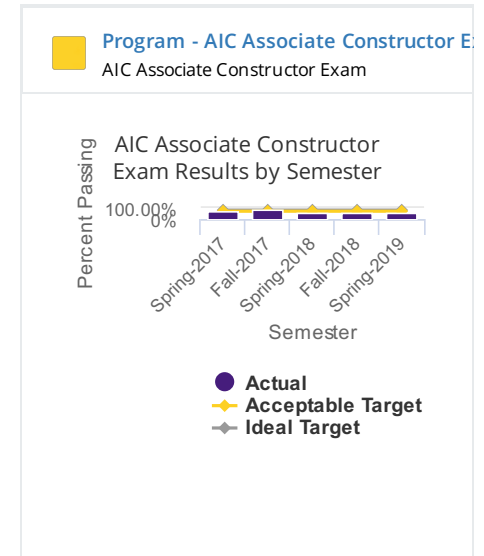
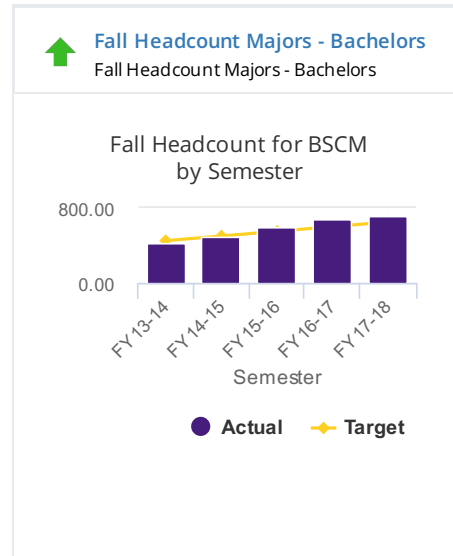
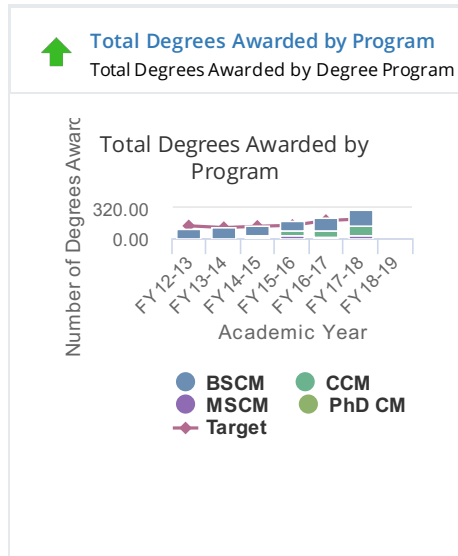
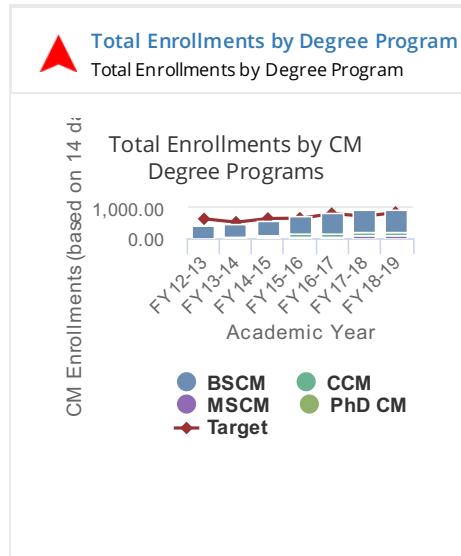


Initiatives

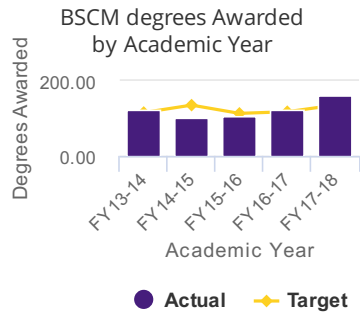
Cnst Management

Initiative	Owner	End Date	Milestones	Reflection/Notes
Develop a plan to acquire new faculty lines	Chuck Berryman (Construction Management)	12/31/20		
Organize a college wide workshop to formalize collaboration	Construction Management (Construction Management)	12/28/18		
Develop Institute under ORED	Construction Management (Construction Management)	8/31/18		
Obtain approvals for a PhD in Construction Management	Construction Management (Construction Management)	5/15/19	<ul style="list-style-type: none"> Submit request to Board of Regents Complete draft proposal for curriculum review Submit to CoE Academic Matters Committee Submit to the Board of Regents for approval Integrate new program into LSU registrar system 	
Complete BIM Laboratory in newly renovated Patrick Taylor Hall	Chuck Berryman (Construction Management)	5/18/18		
Update alumni contact information	Samantha Baldrige	12/28/18		
Review curriculum and resources for BIM integration into the core curriculum	Construction Management (Construction Management)	12/28/18		
Create an online Post Baccalaureate Certificate in Industrial Facilities Management	Construction Management (Construction Management)	12/28/18		
Expand matriculation agreements with community colleges	Construction Management (Construction Management)	12/18/20		
Review curriculum and resources to integrate sustainable construction into the core curriculum	Construction Management (Construction Management)	12/21/18		
Develop a recruitment plan for BSCM students	Samantha Baldrige	12/22/17		

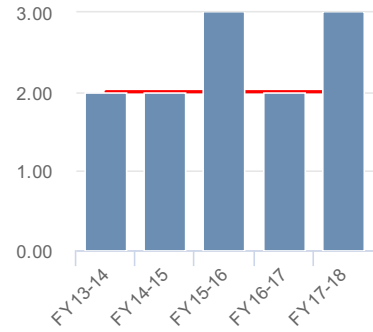
Initiative	Owner	End Date	Milestones	Reflection/Notes
 Develop a 5-year BSCM to MBA fast path program	 Chuck Berryman (Construction Management)	12/21/18		
 Develop dual degree program BSCM and BS in Entrepreneurship	 Chuck Berryman (Construction Management)	12/21/18		
 Develop standard operating procedures (SOP) for the CM Department	 Elizabeth Poret (Construction Management)	12/10/18		
 Create a departmental survey for systems and operational improvements	 Elizabeth Poret (Construction Management)	8/15/18		
 Develop a school, institute or center for industry and academic collaboration	 Chuck Berryman (Construction Management)	8/30/19		
 Create a LSU Online Bachelor in Construction Management	 Chuck Berryman (Construction Management)	8/15/19		



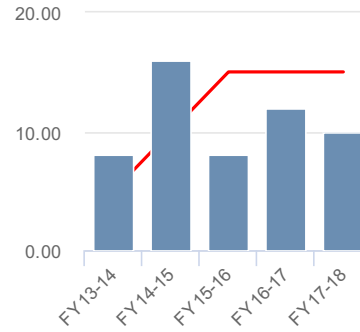
↑ Annual Degrees Awarded - Bachelors
Annual Degrees Awarded - Bachelors



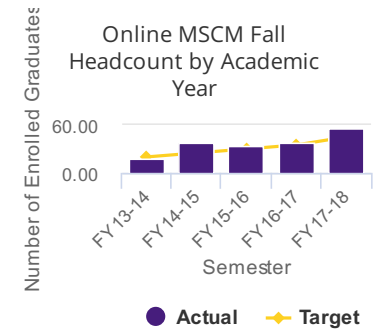
↑ Annual Degrees Awarded - Doctoral
Annual Degrees Awarded - Doctoral



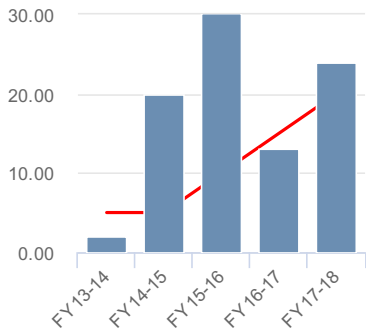
↓ Fall Headcount Majors - Campus Masters
Fall Headcount - Masters



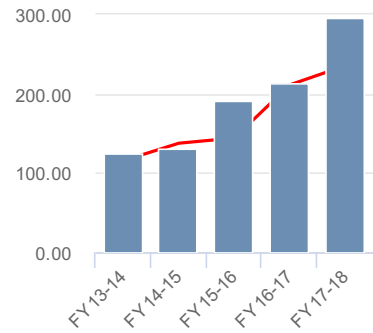
↑ Fall Headcount Majors - Online Master
Fall Headcount Majors - Online Masters



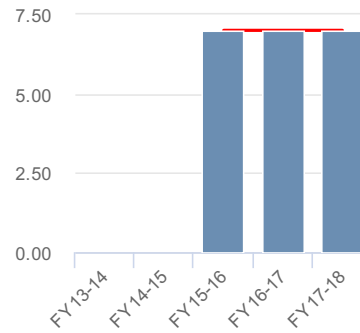
↑ Annual Degrees Awarded - Masters
Annual Degrees Awarded - Masters



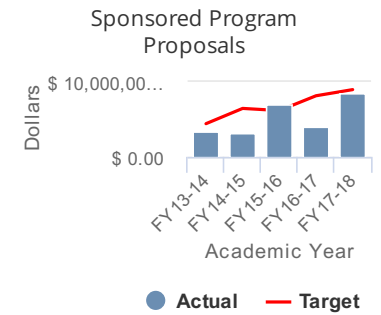
↑ Annual Degrees Awarded - Grand Total
Annual Degrees Awarded - Grand Total



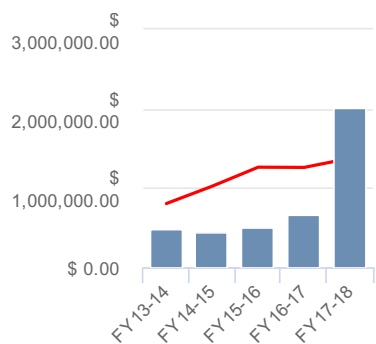
↑ Number of courses addressing safety issue
Number of courses addressing safety issues in eng



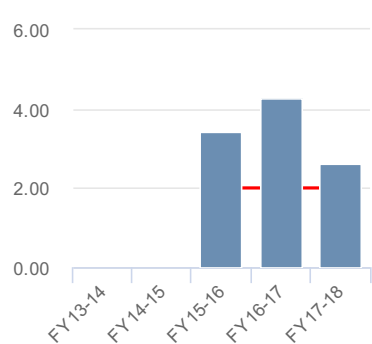
↑ Total \$ amount of proposals submitted
Total \$ amount of proposals submitted



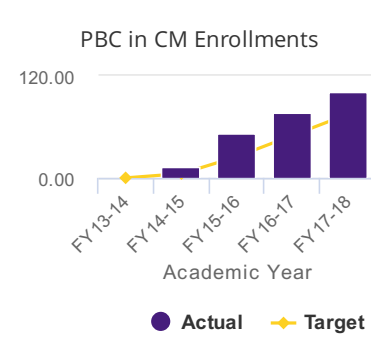
↑ Total sponsored program expenditures
Total sponsored program expenditures



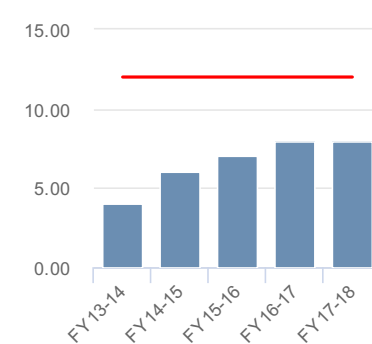
↑ Number of Refereed Journal Publications per Tenure/Tenure Track Faculty - Total
Number of Refereed Journal Publications per Tenure/Tenure Track Faculty - Total



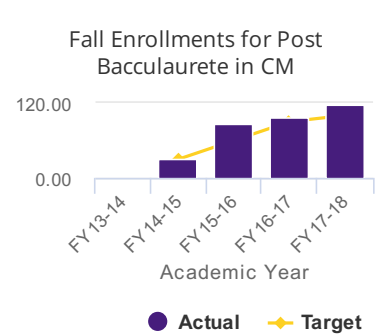
↑ Number of online CCM degrees awarded
Number of online certificates awarded



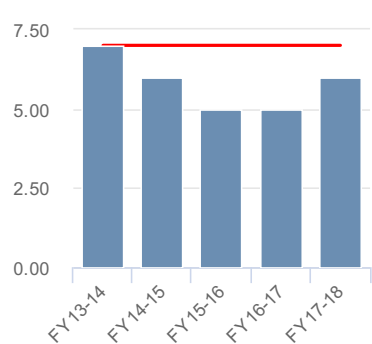
▲ Tenure/Tenure Track Faculty - Total
Tenure/Tenure Track Faculty - Total



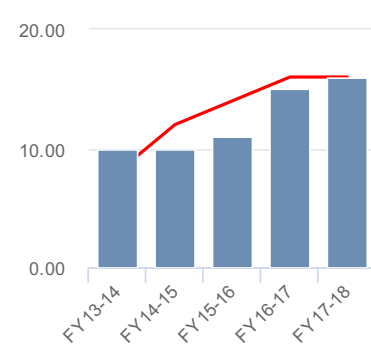
↑ Fall Headcount Majors - Post Bac in CM
Fall Headcount Majors - Post Bac in CM



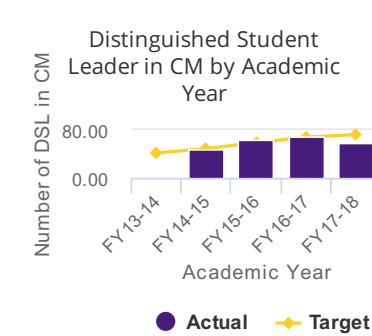
■ Non-Tenure Track Faculty - Total
Non-Tenure Track Faculty - Total



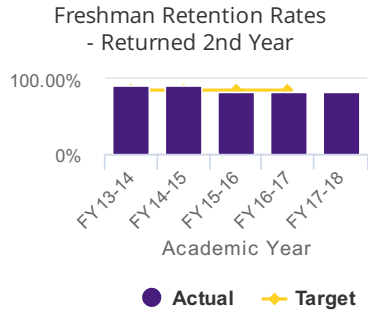
↑ Graduate Assistants - Total
Graduate Assistants - Total



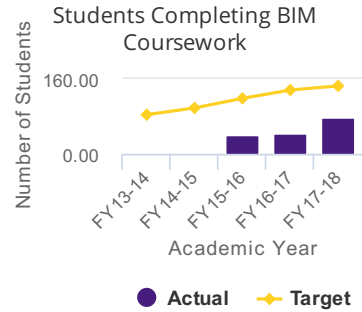
■ Number of students recognized by the
Number of students recognized for their achievement



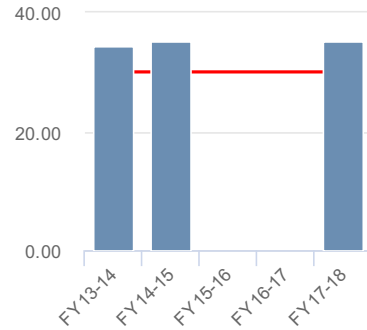
Freshman Retention Rates - Return 2nd Year
Freshman Retention Rates - Return 2nd Year



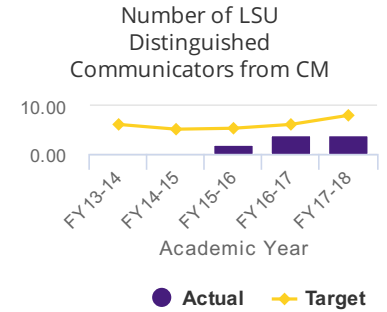
Number of students completing BIM course
Number of Students completing BIM coursework



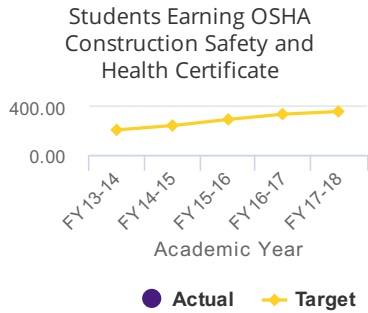
Freshman Graduation Rate - In 4 years
Freshman Graduation Rate - In 4 years



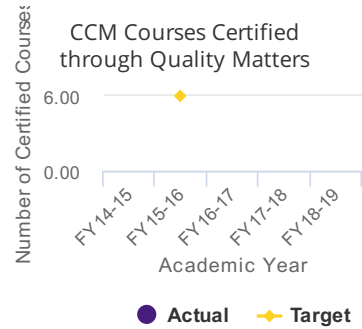
Number of CM students graduating as Distinguished Communicators from CM
Number of CM students graduating as a Dist



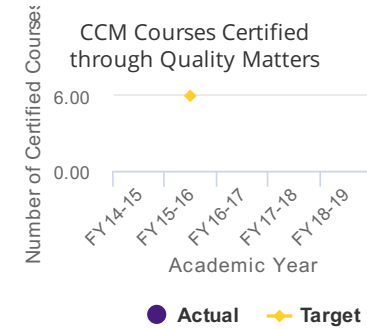
Number of students earning the OSHA Construction Safety and Health Certificate
Number of students earning the OSHA Construction Safety and Health Certificate



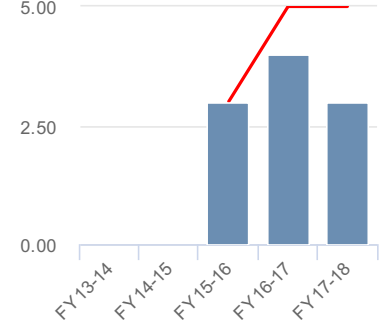
Number of CCM Courses certified through Quality Matters
Number of CCM Courses certified through Quality Matters



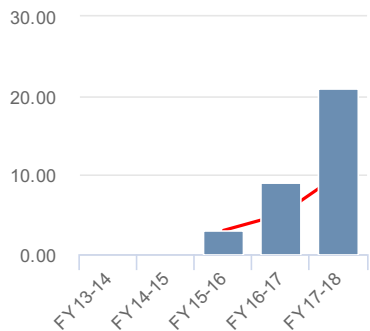
Number of MSCM Courses certified through Quality Matters
Number of CCM Courses certified through Quality Matters



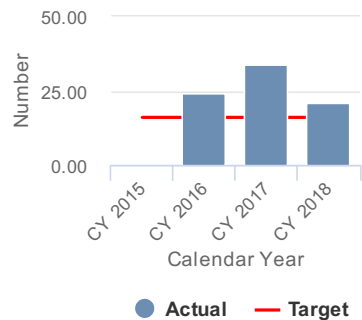
Total Number of Newly Funded Proposals
Total Number of New Research Funding relationships



↑ Total Number of Newly Funded Proposals Related to Construction
Total Number of Newly Funded Proposals Related to Construction



↑ Total Number of Refereed Publications
Total Number of Refereed Publications



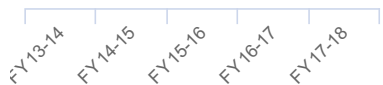
Total Number of Patents Awards
Total Number of Patents Awards



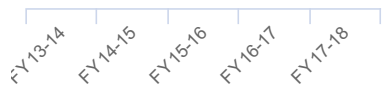
Total Number of Invention Disclosures
Total Number of Invention Disclosures



Number of students participating in study abroad
Number of students participating in study abroad



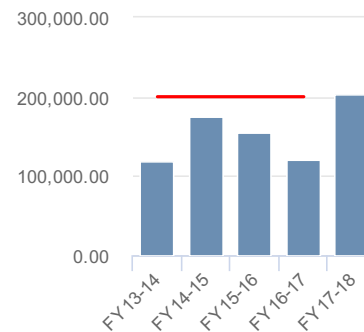
Number of students attending activities or events
Number of students attending activities or events

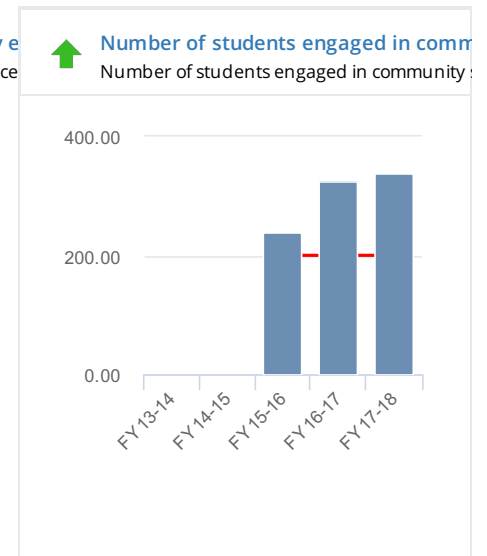
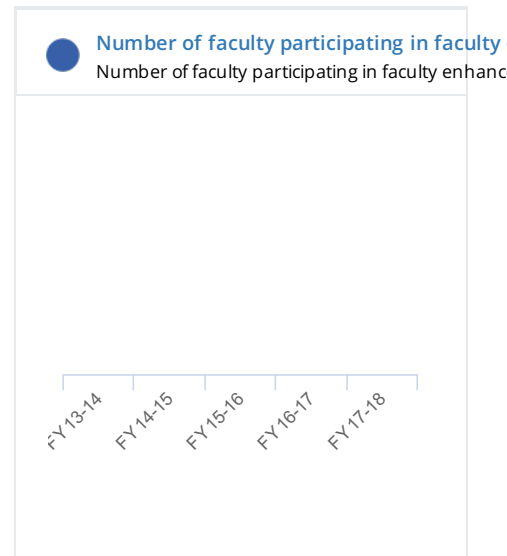
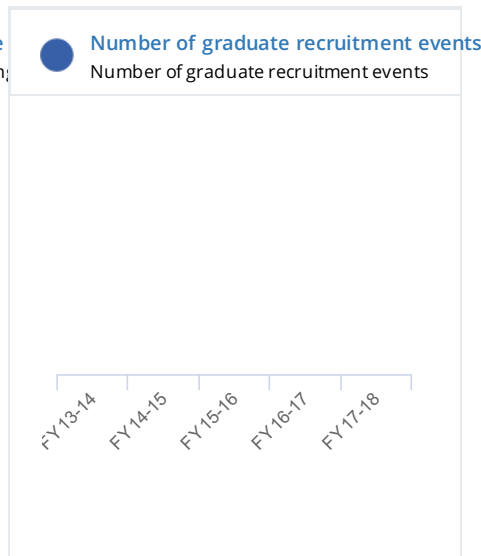
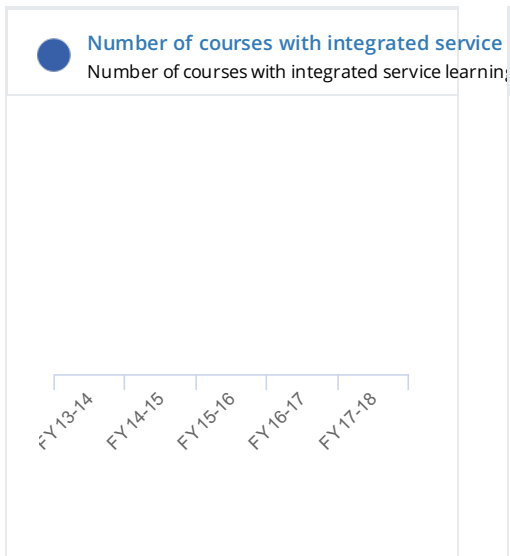
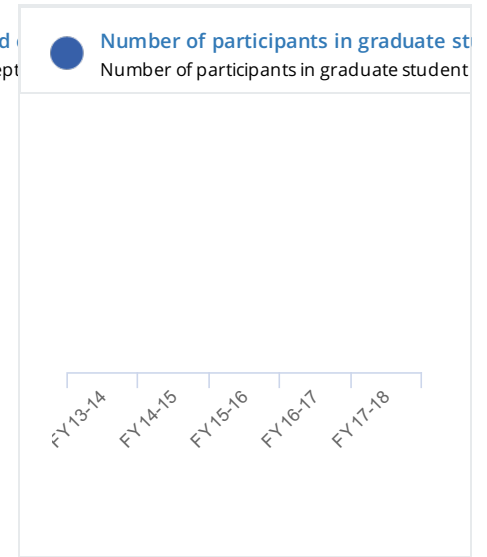
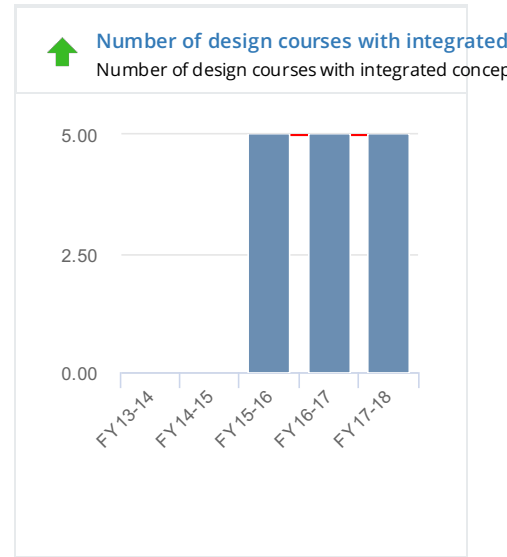
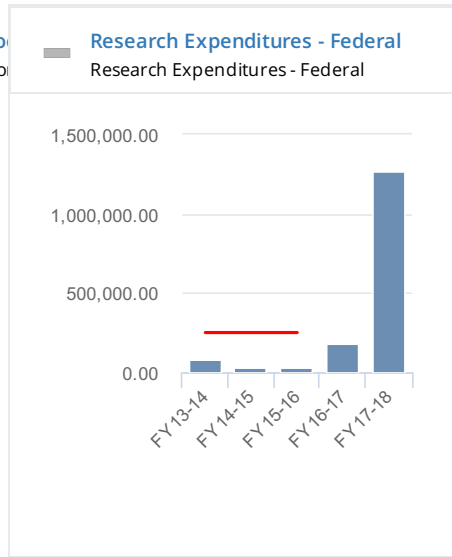
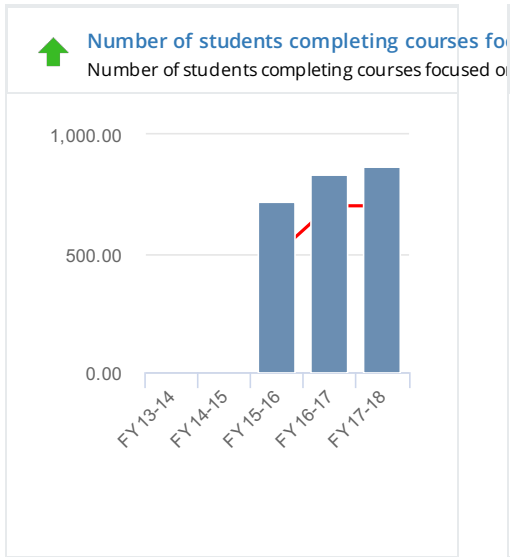


Number of exchange students from other countries
Number of exchange students from other countries

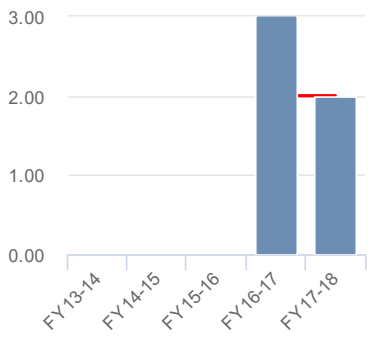


Research Expenditures - Private
Research Expenditures - Private

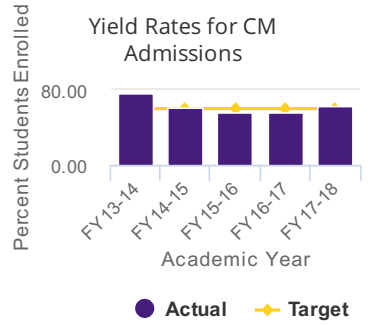




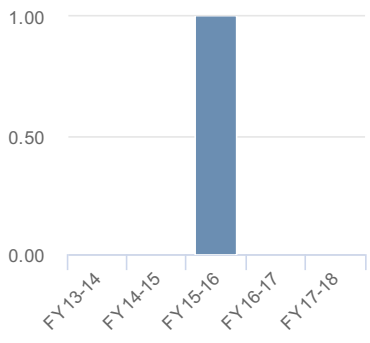
Number of PhD graduates placed in academia (po)



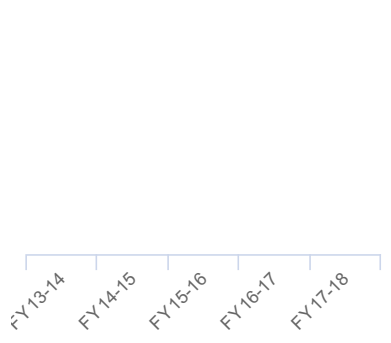
CM Yield rates



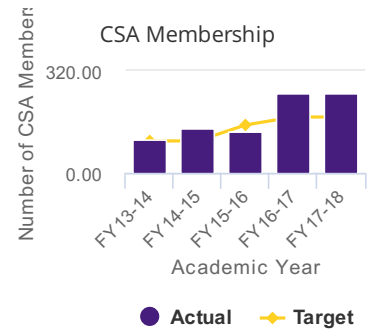
Number of high school recruiting visits



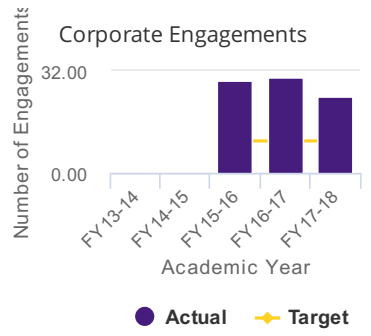
Number of National Merit Scholars ad



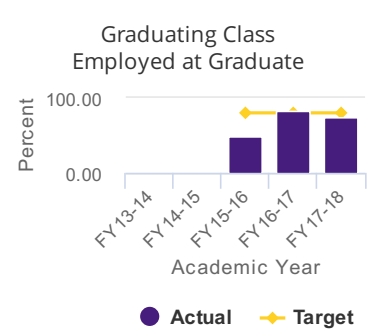
Average number of students in CSA during



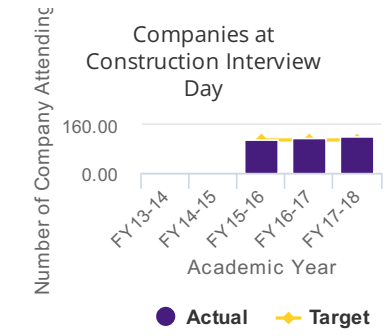
Number of on-campus corporate engagements



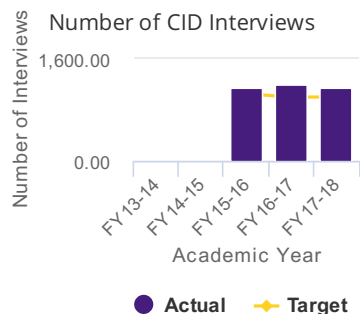
Percentage of graduating class with jobs at



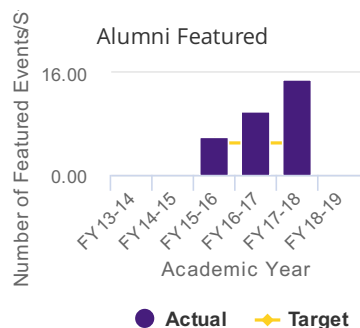
Number of industry partners at CID ev



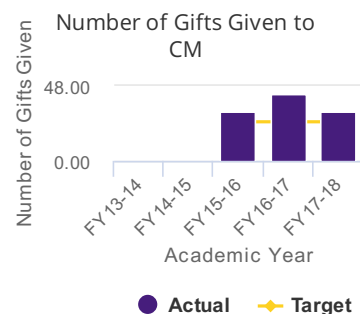
↑ Number of student interviews at CID event
Number of CM interviews at CID



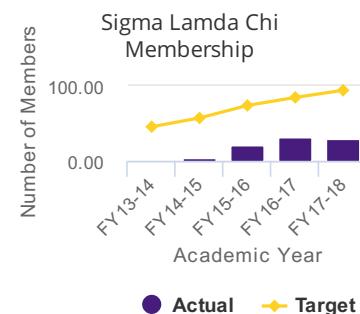
↑ Number of alumni-related feature stories and ads
Number of alumni-related feature stories and ads



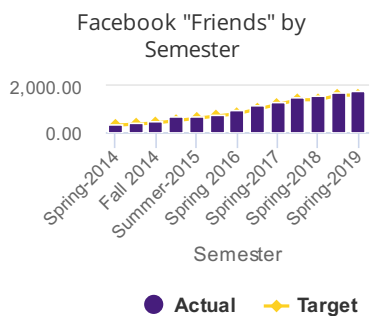
↑ Number of gifts to the CM Department
Number of gifts to the College annually



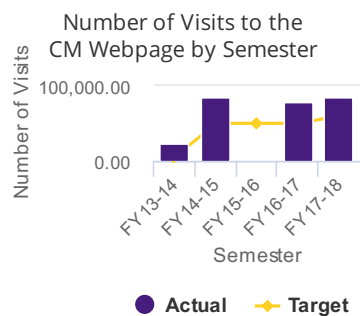
↓ Number of Sigma Lambda Chi members
Number of Sigma Lambda Chi members



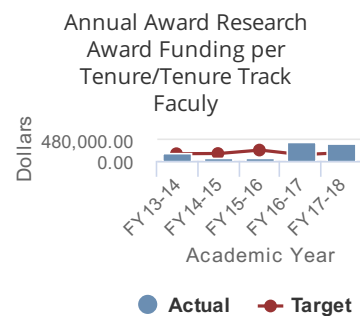
↑ Number of Facebook "likes"
6.001 (A) Number of Facebook "friends"



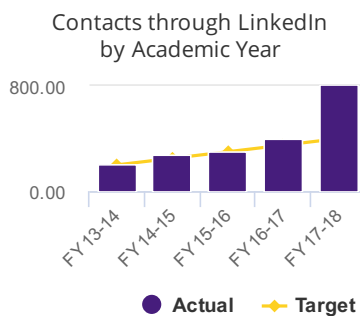
↑ Number of sessions on the CM webpage
6.002 (A) Number of "hits" on the CM webpage



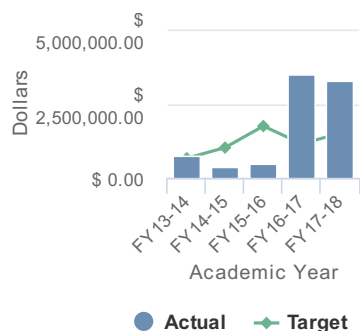
↑ New sponsored program award funding per tenure
New sponsored program award funding per tenure



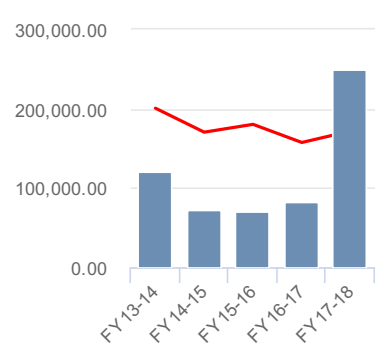
↑ Number of contacts through LinkedIn
Number of contacts through LinkedIn



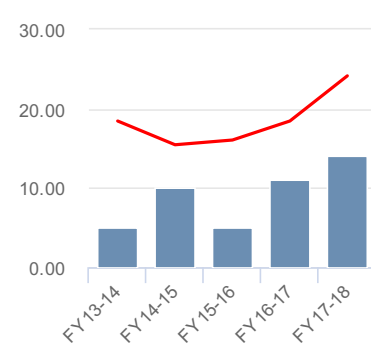
↑ Total \$ new sponsored program award funding
Total \$ new sponsored program award funding



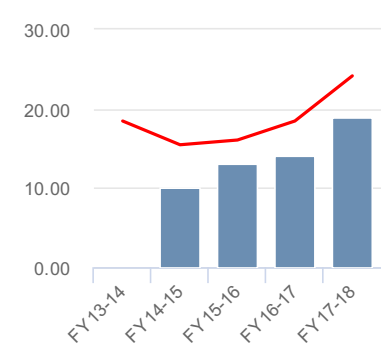
↑ Total Expenditures per Total Tenure/Tenure
New sponsored program expenditures by tenure/



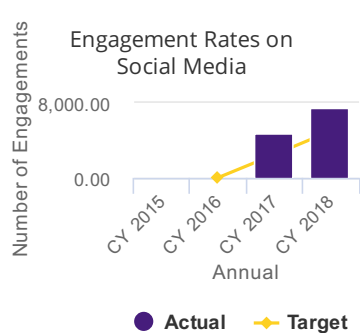
↓ Number of B.S. degrees awarded to female
Number of B.S. degrees awarded to females



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



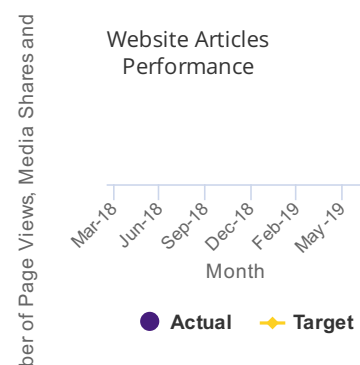
↑ Annual engagement rate on social media.
Annual engagement rate on social media.



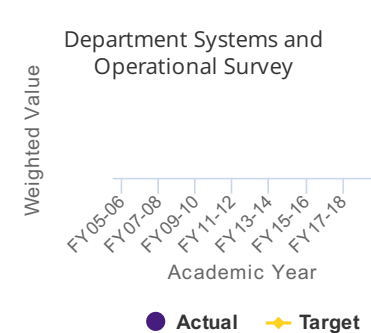
● Number of news articles published to webs
Number of news articles published to website each



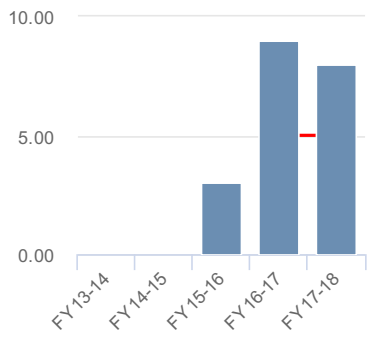
● Performance of website articles - page view
Performance of website articles - page views, social



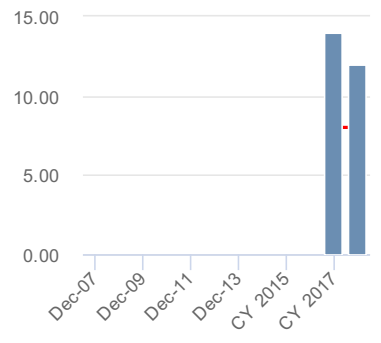
● CM faculty/staff - systems and operati
CM faculty/staff - systems and operational im



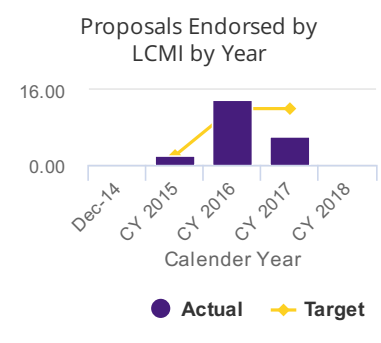
↑ Number of collaborative proposals submitted
Number of collaborative proposals submitted related to



↑ Number of collaborative journal articles
Number of collaborative journal articles



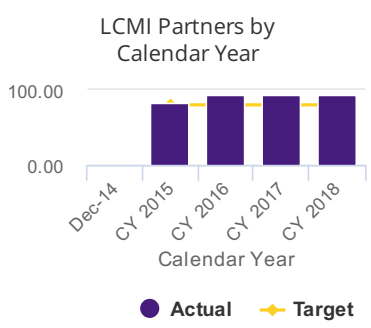
▬ Total number of research proposals endorsed
Total number of research proposals endorsed by L



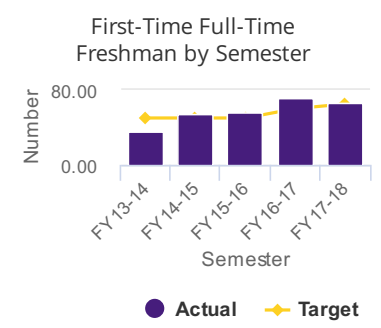
▬ Total research dollars awarded to end
Total research dollars awarded to endorsed I



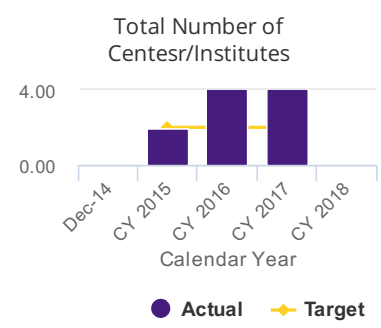
↑ Total number of partners within LCMI
Total number of partners within LCMI



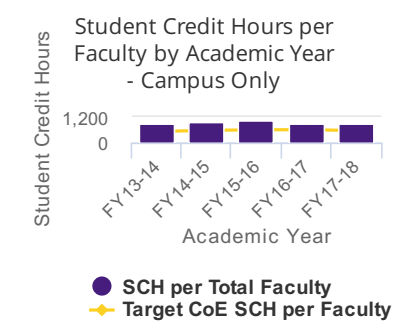
↑ Number of First Time Full Time Freshman
Number of First Time Full Time Freshman



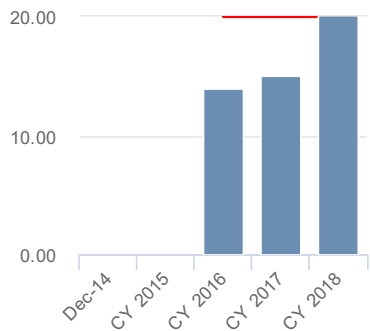
▬ Total number of initiatives, institutes, and
Total number of initiatives, institutes, and centers r



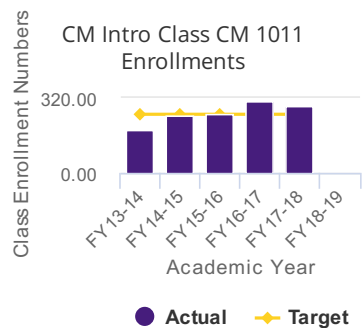
▲ Annual Student Credit Hours per Facul
Annual Student Credit Hours



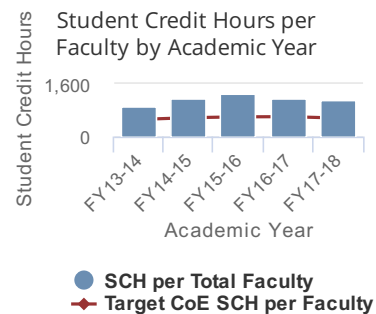
Number of times faculty recognized for the
Number of faculty recognized for their achievement



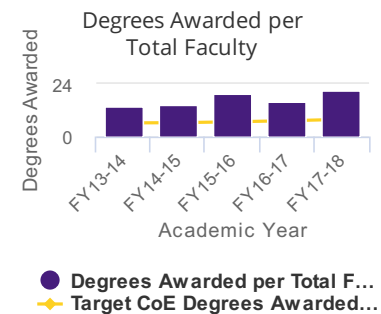
Total enrollment in the CM Introduction Class
Total enrollment in the CM Introduction Class - CM



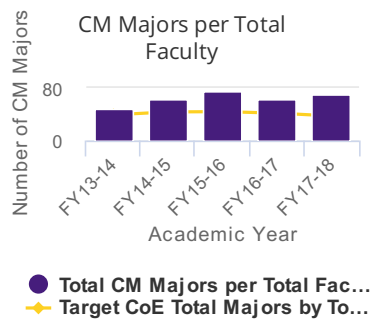
Annual Student Credit Hours per Faculty - T
Annual Student Credit Hours per Faculty - Total



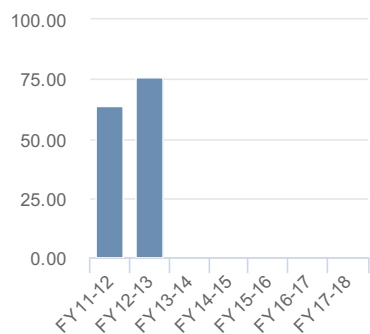
CM Degrees Awarded per Total Faculty
CM Degrees Awarded per Total Faculty



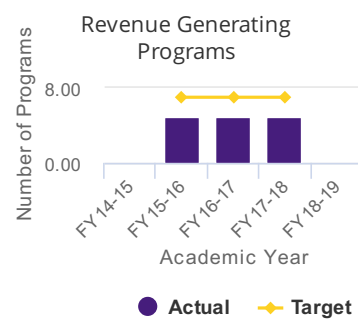
CM Majors per Total Faculty
CM Majors per Total Faculty



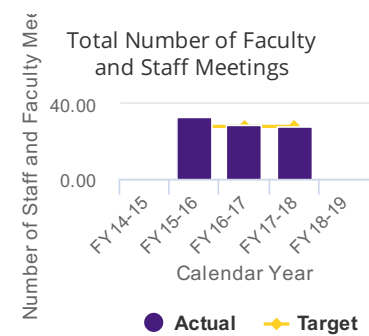
Freshman Graduation Rate - In 6 years
Freshman Graduation Rate - In 6 years






















Number of revenue generating programs w
Number of new revenue generating programs with
































Total number of faculty staff meeting
Total number of faculty staff meetings per ye











Owner	Action Item	Description	Start Date	End Date	Linked Objects	Comments
SB Samantha Baldrige	 Add job opening widget to our CM website Samantha Baldrige	Item added to LSU CM home page that links to Careers2Geaux. Note, "widget" will need to be updated following the official launch of Handshake, the program replacing Careers2Geaux.	1/3/17	8/3/17	<p>  3.1 Foster trust and loyalty among our corporate partners by providing superior customer service and access to talented graduates. </p> <p>  3.0 Redefine Our Social Network Samantha Baldrige </p>	
SB Samantha Baldrige	 Provide CM staff access to Careers2Geaux website Samantha Baldrige	Operations Manager currently has access to Careers2Geaux. However, the Career Center is transitioning away from Careers2Geaux to a new program called Handshake. The Operations Manager is scheduled to complete Handshake training and then will determine staff who need access to Handshake and secure access.	1/3/17	8/3/17	<p>  Provide necessary staff with access to Handshake Samantha Baldrige </p> <p>  3.1 Foster trust and loyalty among our corporate partners by providing superior customer service and access to talented graduates. </p> <p>  3.0 Redefine Our Social Network Samantha Baldrige </p>	
SB Samantha Baldrige	 Update CM alumni website Samantha Baldrige	Alumni website has been out of date since 2013; however, the contact information is correct. Needs a face-lift.	1/3/17	8/31/19	<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. Elizabeth Poret (Construction Management) </p>	At a November 2018 CIAC board meeting, it was decided that the current alumni website would be dissolved and the database would be absorbed into the CIAC's website. This will allow for more seamless communication between alumni and industry partners. Currently, the website is under transition.



Owner	Action Item	Description	Start Date	End Date	Linked Objects	Comments
					 3.0 Redefine Our Social Network Samantha Baldrige	
 Chuck Berryman (Construction Management)	 Correct the funding model for the CCM online program 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	 2.1 Promote an undergraduate and graduate environment that develops and encourages a diverse set of management and leadership skills.	
					 2.0 Educate the Workforce of Tomorrow Chuck Berryman (Construction Management)	
 Chuck Berryman (Construction Management)	 Continue to explore avenues for an Industrial Innovation Center. Chuck Berryman (Construction Management)	This is a concerted effort with Dr. Jonathan Shi to find a solution for an Industrial Innovation Center.	8/16/17	8/15/19	 1.1 Develop cost-effective and environmentally friendly sources of energy; Create solutions to save our coast and waterways; Engineer better healthcare; Provide a safer and more cost-effective national infrastructure; Improve America's manufacturing competitiveness. Chuck Berryman (Construction Management)	
					 1.1.2 Build lasting relationships with funding agencies interested in infrastructure, and obtain stable funding in support of faculty research. Chuck Berryman (Construction Management)	
					 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.	

Owner	Action Item	Description	Start Date	End Date	Linked Objects	Comments
					<p> 1.1.5 Build university and industry-cooperative research initiatives, teams and centers. Chuck Berryman (Construction Management)</p> <p> 1.0 Solve Louisiana's Greatest Challenges Chuck Berryman (Construction Management)</p> <p> 4.0 Reinvent How We Do Business Elizabeth Poret (Construction Management)</p>	
 Construction Management (Construction Management)	 Explore the option to integrate the BIM Course into the core curriculum. Construction Management (Construction Management)		1/8/18	9/21/18	<p> 2.1 Promote an undergraduate and graduate environment that develops and encourages a diverse set of management and leadership skills.</p> <p> 2.0 Educate the Workforce of Tomorrow Chuck Berryman (Construction Management)</p>	Exploration completed and proposal submitted to incorporated BIM into the core curriculum
 Chuck Berryman (Construction Management)	 Hire at least one new faculty member for 2019 Chuck Berryman (Construction Management)		1/1/18	4/1/19	<p> 2.1 Promote an undergraduate and graduate environment that develops and encourages a diverse set of management and leadership skills.</p> <p> 2.2 Enhance global awareness and an international education experience among our students.</p> <p> 2.4 Impart a strong sense of appreciation of and commitment to local and global community.</p> <p> 2.5 Train our graduates for academic careers.</p> <p> 1.0 Solve Louisiana's Greatest Challenges Chuck Berryman (Construction Management)</p>	

Owner	Action Item	Description	Start Date	End Date	Linked Objects	Comments
					 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 maintain positive energy balance among work and life.  4.0 Reinvent How We Do Business Elizabeth Poret (Construction Management)	
 Samantha Baldrige	 Sponsor a Facebook 'like' campaign Samantha Baldrige		1/8/18	12/31/19	 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.  3.0 Redefine Our Social Network Samantha Baldrige	As of the end of 2018 there has been no movement on the Facebook "Likes" campaign. The department needs to verify that it is able to pay for a sponsored social media campaign; if so, we will move forward with the campaign this year.
 Samantha Baldrige	 Complete a joint campaign with CIAC, the CM Alumni, ABC and AGC to link CM website Samantha Baldrige	This campaign is designed to drive traffic to the CM website. They need links to our homepage while we need links to their homepage.	1/1/18	12/31/18	 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.	



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					 3.0 Redefine Our Social Network Samantha Baldrige	
 Samantha Baldrige	 Link CM Online Programs to all CM social media Samantha Baldrige		1/1/18	12/31/18	 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.	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.
					 3.0 Redefine Our Social Network Samantha Baldrige	
	 Explore developing online credentialing for those without an undergraduate degree	This would like to the online BSCM program where credentials and certificates could be stacked within existing courses.	1/1/19	3/31/19	 4.1 Maintain a system of thinking where creativity, innovation and automation converge to maximize every dollar spent.	
					 4.0 Reinvent How We Do Business Elizabeth Poret (Construction Management)	
						<p>Status date December 2018.</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>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%.</p> <ul style="list-style-type: none"> ● Action - This Weakness has been alleviated. 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. ● [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

Owner	Action Item	Description	Start Date	End Date	Linked Objects	Comments
	<p data-bbox="304 1063 567 1201">  Address recommendations from ACCE accreditation visit for BSCM and MSCM </p>	<p data-bbox="604 933 884 1344"> LSU degree program review recommendation 1 of 2: The department should incorporate in its annual strategic planning report (SPAR) a discussion of the steps it has taken to address the recommendations from its last accreditation review, until all recommendations are resolved. Any relevant follow-up reports to the accrediting agency should also be included as an attachment(s) in the SPAR. </p>	<p data-bbox="913 1120 976 1144">3/1/19</p>	<p data-bbox="1115 1120 1207 1144">12/31/19</p>	<p data-bbox="1312 1079 1648 1185">  2.0 Educate the Workforce of Tomorrow Chuck Berryman (Construction Management) </p>	<p data-bbox="1753 89 2005 381"> <small>COUNCIL MEMBERS THE</small> <small>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].</small> </p> <ul data-bbox="1753 389 2005 1526" style="list-style-type: none"> <li data-bbox="1753 389 2005 885"> <p data-bbox="1753 389 2005 885"> Action - This Weakness has been alleviated 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. </p> <li data-bbox="1753 893 2005 1477"> <p data-bbox="1753 893 2005 1477"> [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. </p> <li data-bbox="1753 1485 2005 1526"> <p data-bbox="1753 1485 2005 1526"> Action - In progress. LSU has implemented </p>

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						<p>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.</p> <ul style="list-style-type: none"> ● [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. ● Action – This Weakness has been alleviated. 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

Owner	Action Item	Description	Start Date	End Date	Linked Objects	Comments
						<p>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.</p> <ul style="list-style-type: none"> Action – In progress. 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.

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	 <p data-bbox="352 643 579 719">Enhance student assessment of learning for BSCM and MSCM</p>	<p data-bbox="604 557 884 797">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 data-bbox="913 670 982 691">3/1/19</p>	<p data-bbox="1115 670 1205 691">12/31/19</p>	 <p data-bbox="1360 630 1654 678">2.0 Educate the Workforce of Tomorrow</p> <p data-bbox="1360 686 1629 735">Chuck Berryman (Construction Management)</p>	<ul style="list-style-type: none"> <li data-bbox="1724 155 2007 646">● 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 data-bbox="1724 662 2007 906">● 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. <li data-bbox="1724 914 2007 1211">● 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.