

Summary  
 Spring 2019  
 Student Learning Objectives  
 Building Construction Science  
 Mississippi State University

For the spring semester of 2019, four of the twenty American Council on Construction Education (ACCE) student learning objectives (SLOs) for the Building Construction Program at Mississippi State University were assessed. Each of the twenty SLOs must be directly assessed at least twice per six year assessment cycle. Spring 2019 SLO assessment requirements are summarized in the table below.

	<b>ACCE SLOs</b>	Spring 2020 actions
Studio 2	4. Create construction project cost estimates. Instrument: Midterm concrete take-off	94% of students passed the midterm concrete take-off, spring 2019. To be re-assessed in the spring of 2022.
studio B	8. Analyze methods, materials, and equipment used to construct projects.	86% of students performed adequately on Project #6, spring 2018. Re-evaluate spring 2021.
studio 4	9. Apply construction management skills as a member of a multi-disciplinary team	95% of students performed adequately on the semester project-presentation, spring 2018. Re-evaluate spring 2021.
studio 4	10. Apply electronic-based technology to manage the construction process.	97% of students performed adequately on the semester project-programs, spring 2019. Re-evaluate spring 2022.
studio 6	13. Understand construction risk management.	94% of students performed adequately on Project #12, spring 2018. Re-evaluate spring 2021.
studio 2	14. Understand construction accounting and cost control.	70% of students performed adequately on exam projects, spring 2018. Re-evaluate spring 2021.
studio B	15. Understand construction quality assurance and control.	89% of students performed adequately on their final document, spring 2018. <b>Must continue to develop rubric. Re-evaluate spring 2020.</b>
high perf	18. Understand the basic principles of sustainable construction.	94% of students performed adequately on final exam, spring 2018. <b>Must continue to develop rubric. Re-evaluate spring 2020.</b>
structures II	19. Understand the basic principles of structural behavior.	88% of students performed adequately on final exam (test 4), spring 2018. Re-evaluate spring 2021.