

Summary
 Fall 2017
 Student Learning Objectives
 Building Construction Science
 Mississippi State University

For the fall semester of 2017, twelve 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 once per six year assessment cycle. The assessment of six of the twelve SLOs indicated additional action should be taken either to better develop the assessment rubric and/or to improve instructional material delivery. Fall 2018 SLO assessment requirements are summarized in the table below.

	ACCE SLOs	Fall 2018 actions
Studio 5	1. Create written communications appropriate to the construction discipline. Instrument: Contractual & Logistical Exercise Project 7B	Collect project 7B student results
Studio 1	2. Create oral presentations appropriate to the construction discipline. Instrument: Collaborative Project Presentation	Collect collaborative project student results
Studio 3	3. Create a construction project safety plan. Instrument: Safety Plan	Re-assess in fall 2018. Safety plan must be generated by each individual student.
Studio 5	4. Create construction project cost estimates. Instrument: Project 3B-Estimate part	Re-assess in fall 2018. Only 58% of students passed the project 3B Estimate
Studio 3	5. Create construction project schedules. Instrument: Final Project Schedule part	Re-assess in fall 2018. Each individual student must complete their final project schedule.
Prof Comm	6. Analyze professional decisions based on ethical principles. Instrument: Question #7, Exam #1	Collect student results for question #7, exam #1.
Studio 5	7. Analyze construction documents for planning and management of construction processes. Instrument: Project 3B, Preparation of Bids part	Re-assess in fall 2018. Only 58% of students passed the project 3B Preparation of Bids
Mech-Elec	11. Apply basic surveying techniques for construction layout and control. Instrument: Survey Layout Assignment	Collect layout assignment student results.
Prof Comm	12. Understand different methods of project delivery and the roles and responsibilities of all constituencies involved in the design and construction process. Instrument: Exam #1-Question #6	Collect student results for question #6, exam #1.
Studio 5	16. Understand construction project control processes. Instrument: Project #9	Collect Project #9 student results.
Studio 5	17. Understand the legal implications of contract, common, and regulatory law to manage a construction project. Instrument: Project 10-Part 2C	Re-assess in fall 2018. Only 63% passed Project 10, Part 2C.
Mech-Elec	20. Understand the basic principles of mechanical, electrical and piping systems. Instruments: Chapter 5 Assignment-mechanical; Chapter 3B-Plumbing; and Electrical Layout Assignment	Re-assess the plumbing assignment. Collect student results for the piping and electrical assignments.