

**Master of Science in Construction  
Management, Major in  
Sustainable Construction  
Assessment Plan 2017–2018**

Design, Construction and Planning  
R. Ries  
rries@ufl.edu

*Office of the Provost*

*University of Florida*

*Institutional  
Assessment*

*Continuous Quality  
Enhancement*

## Table of Contents

A. Mission.....	3
B. Student Learning Outcomes and Assessment Measures.....	4
C. Research.....	5
D. Assessment Timeline.....	5
E. Assessment Cycle.....	5
F. Measurement Tool.....	6
G. Assessment Oversight.....	7

# Academic Assessment Plan for Master of Science in Construction Management, Major in Sustainable Construction

Design, Construction and Planning

## A. Mission

The mission of the M. E. Rinker, Sr. School of Construction Management is to be the center of excellence for construction. The Rinker School will pursue this by:

1. Promoting professional and ethical behavior in education and practice,
2. Advancing the industry by creating new knowledge through research and scholarly activities,
3. Educating individuals in principles, knowledge and skills required to be successful in their professional careers, and
4. Providing service and transferring knowledge to the citizens of Florida, the construction industry, professional societies, the nation, and the world.

The Rinker School will achieve this mission by fostering a core culture of value and quality.

This mission directly supports aspects of all 11 goals of the College of Design, Construction, and Planning's strategic plan of 2017 (in progress) and wholly supports the Teaching, Research and Scholarship, and Service mission of the University of Florida.

Aligning with the mission of the M.E. Rinker, Sr. School of Construction Management, this program promotes professional and ethical behavior in education and practice and educates individuals in principles, knowledge and skills required to be successful in their professional careers. This mission is achieved by fostering a culture of value and quality. It directly supports the College of Design, Construction and Planning's strategic plan of 2017 (in progress) with respect to adding capabilities for Distance Education offerings, which in turn supports the teaching mission of the University of Florida.

## B. Student Learning Outcomes and Assessment Measures

SLO Type	SLO	Assessment Method	Delivery Mode
Knowledge	Identify contemporary problems in the construction management discipline	Thesis Defense: 100% of students earn an average Rating of 3 or higher, 80% of students will earn a 4 or higher, from their committee members as recorded on the Thesis Defense Assessment Rubric	Campus
Knowledge	Create a rigorous literature review on a selected topic	Thesis Defense: 100% of students earn an average Rating of 3 or higher, 80% of students will earn a 4 or higher, from their committee members as recorded on the Thesis Defense Assessment Rubric	Campus
Skills	Develop and apply research methods to solve problems and generate new knowledge	Thesis Defense: 100% of students earn an average Rating of 3 or higher, 80% of students will earn a 4 or higher, from their committee members as recorded on the Thesis Defense Assessment Rubric	Campus
Skills	Communicate effectively in writing	Thesis Defense: 100% of students earn an average Rating of 3, 80% of students will earn a 4 or higher, or higher from their committee members as recorded on the Thesis Defense Assessment Rubric	Campus
Professional Behavior	Communicate effectively in professional situations	Thesis Defense: 100% of students earn an average Rating of 3, 80% of students will earn a 4 or higher, or higher from their committee members as recorded on the Thesis Defense Assessment Rubric	Campus

### C. Research

Each student is required to propose, write, defend and submit a thesis on an approved topic under the direction of a committee consisting of faculty members as directed by the Graduate School. The thesis process, including the content of the document and meeting all due dates and milestones, must meet all requirements of the School, the College and the Graduate School.

### D. Assessment Timeline

Analysis and Interpretation: May  
 Program Modifications: Completed by August  
 Dissemination: Completed by August

### E. Assessment Cycle

SLOs	Year	17-18	18-19	19-20	20-21	21-22	22-23
<b>Content Knowledge</b>							
#1		X	X	X	X	X	X
#2		X	X	X	X	X	X
<b>Skills</b>							
#2		X	X	X	X	X	X
#3		X	X	X	X	X	X
<b>Professional Behavior</b>							
#4		X	X	X	X	X	X

An "X" means the SLO has been reviewed.

## F. Measurement Tool

### Rinker School Student Learning Outcome Thesis Rubric

Rate each evaluation criteria with a score between 1 and 5. Each committee member shall complete a separate form. *This form is exclusively for the School's self-assessment and is not part of the student's permanent record. This paper document will be destroyed as soon as the data can be transmitted from this document to an electronic file. No information linking any student or evaluator to the data will be transmitted.*

Student: \_\_\_\_\_ Evaluator: \_\_\_\_\_

1 – unacceptable      2 – acceptable      3 – good      4 – very good      5 – excellent

Rating	
<b>Mastery of Knowledge</b>	
Quality of problem definition	
Literature review and knowledge of precedent	
<b>Skills</b>	
Research skills and methods	
Quality of written thesis	
<b>Professional Behavior</b>	
Overall professionalism during the presentation	

## G. Assessment Oversight

Name	Department Affiliation	Email Address	Phone Number
E. Minchin	Graduate Advisor	minch@ufl.edu	352-273-1153
R. Ries	Director	rries@ufl.edu	352-273-1150
A. Chini	Interim Associate Dean	chini@ufl.edu	352-294-1407