

Master of International Construction Management Assessment Plan 2017-2018

Design, Construction and Planning
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Office of the Provost

University of Florida

*Institutional
Assessment*

*Continuous Quality
Enhancement*

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Academic Assessment Plan for Master of International Construction Management

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 rigorous problems in the construction management discipline	Research Paper Defense: 100% of students earn an average rating of 3 or higher, and 80% of students earn an average rating of 4 or higher, from their committee members on the ICM 6934 research paper and its oral presentation as recorded on the Report Defense Assessment Rubric	Campus
Knowledge	Create a literature review on a selected topic that encapsulates the latest research on the topic	Research Paper Defense: 100% of students earn an average rating of 3 or higher, and 80% of students earn an average rating of 4 or higher, from their committee members on the ICM 6934 research paper and its oral presentation as recorded on the Report Defense Assessment Rubric	Campus
Skills	Devise and apply research methods to solve problems and generate new knowledge	Research Paper Defense: 100% of students earn an average rating of 3 or higher, and 80% of students earn an average rating of 4 or higher, from their committee members on the ICM 6934 research paper and its oral presentation as recorded on the Report Defense Assessment Rubric	Campus
Skills	Communicate effectively in writing	Research Paper Defense: 100% of students earn an average rating of 3 or higher, and 80% of students earn an average rating of 4 or higher, from their committee members on the ICM 6934 research paper and its oral presentation as recorded on the Report Defense Assessment Rubric	Campus
Professional Behavior	Communicate effectively in professional situations	Research Paper Defense: 100% of students earn an average rating of 3 or higher, and 80% of students earn an average rating of 4 or higher, from their committee members on the ICM 6934 research paper and its oral presentation as recorded on the Report Defense Assessment Rubric	Campus

C. Research

Each student is required to take ICM 6930, “Research Methods”, and ICM 6934, “Directed Research.” The ICM 6930 course teaches basic statistical analysis skills in addition to how to set up a research experiment and write their research report. For ICM 6934 students are required to write a research report and orally present the paper to a committee of three professors. The process of writing the research report, including the content of the document and meeting all due dates and milestones, and the oral report of the research paper 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
Content Knowledge							
#1		X	X	X	X	X	X
#2		X	X	X	X	X	X
Skills							
#3		X	X	X	X	X	X
#4		X	X	X	X	X	X
Professional Behavior							
#5		X	X	X	X	X	X

An “X” means the SLO has been reviewed.

F. Measurement Tool

Rinker School Student Learning Outcome Report 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	
Mastery of Knowledge	
Quality of problem definition	
Literature review and knowledge of precedent	
Skills	
Research skills and methods	
Quality of written report	
Professional Behavior	
Overall professionalism during the presentation	

G. Assessment Oversight

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