

Master of International Construction Management Assessment Plan

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 Building Construction 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 2007 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 Building Construction, the 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 2007 with respect to adding capabilities for Distance Education offerings, which in turn supports the teaching mission of the University of Florida.

B. Learning Outcomes and Assessment Measures

SLO Type	SLO	Assessment Method	Delivery Mode
Knowledge -- 1	Comprehend commercial management and cost control principles	ICM 6420: 100% of students will successfully complete final project wherein they demonstrate their knowledge of commercial management and cost control principles	Distance education
Skills--2	Apply commercial management and cost control principles	ICM 6420: 100% of students will successfully complete final project wherein they show their application of commercial management and cost control principles	Distance education
Knowledge--1	Demonstrate a thorough understanding and comprehension of value management principles.	ICM 6440: Project in which student must exhibit a knowledge and comprehension of value management principles	Distance education
Skills--2	Display ability to properly utilize construction human resource management principles/techniques	ICM 6710: Students develop a case study, the expectation of which requires of them the utilization of human resource management principles/techniques.	Distance education
Professional Behavior--3	Identify and exhibit professional and ethical behavior	ICM 6710: Students complete a homework assignment in which they must analyze several case studies to determine how to best handle various HR problems	Distance education

C. Research

Each student is required to identify their area of research interest (Research Statement). They must then choose an academic advisor and a graduate committee. They then, under the supervision of their advisor and committee, conduct research on their topic and author a graduate research report. Their final task before graduation is to travel to UF and defend their research report.

D. Assessment Timeline

Program: Master of International Construction Management

College: Design Construction & Planning

Assessment SLOs	Assessment 1	Assessment 2	Assessment 3	Assessment 4	Assessment 5
Knowledge					
Comprehend commercial management and cost control principles	Successfully complete final project ICM 6420				
Demonstrate a thorough understanding and comprehension of value management principles.		Successfully complete project on Value Management Principles ICM 6420			
Skills					
Apply commercial management and cost control principles			Successfully complete final project ICM 6440		
Display ability to properly utilize construction human resource management principles/techniques				Develop a case study on a project or program that utilizes either proper or improper Human Resource Management principles and techniques. ICM 6710	

Professional Behavior					
Identify and exhibit professional and ethical behavior					Successfully complete an assignment that demonstrates an ability to analyze several case studies and determine which subjects of the case studies used professional and ethical methods to solve various Human Resources problems ICM 6710

E. Assessment Cycle

Assessment Cycle for:

Program: Master of International Construction Management

College: Design, Construction & Planning

Analysis and Interpretation:

May

Program Modifications:

Completed by August

Dissemination:

Completed by August

SLOs	Year	10-11	11-12	12-13	13-14	14-15	15-16
Content Knowledge							
#1				X	X	X	X
#2				X	X	X	X
Skills							
#3				X	X	X	X
#4				X	X	X	X
Professional Behavior							
#5				X	X	X	X

F. Measurement Tools

The assessment tools are a case study development, a homework assignment, and multiple projects. Nothing is more unprofessional in the construction industry than untimely submittals.

Sample questions from the referenced homework assignment in ICM 6710.

1. If you feel that people are naturally lazy, and will not complete work unless they are threatened with punishment for not doing so, your attitude supports
 - A. Theory X
 - B. Autocracy
 - C. A Custodial model of organizations
 - D. None of the above
2. Suppose you are the supervisor within a team of five other people. If you feel it is "not your job" to be a personal disciplinarian, but the team feels that you are a lazy supervisor because you do not intervene when one particularly clownish member is acting childish, you and the team are having a dispute over
 - A. social culture
 - B. psychological contracts
 - C. role perception
 - D. consensus
3. The concept of instrumentality from expectancy theory refers to?
 - A. How much value a person places on a reward
 - B. How much value a person places on accomplishment
 - C. How strongly a person believes that his or her effort will lead to accomplishment
 - D. How strongly a person believes that an accomplishment will actually be recognized and rewarded
4. Explain how *mentoring* relates to the issues of *roles* and *role ambiguity* in a social system.

G. Assessment Oversight

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R Ries	Director	rries@ufl.edu	352-273-1150
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Figure 1. University of Florida Graduate/Professional Program Assessment Plan Review Rubric

Related resources are found at <http://www.ua.assessment.edu>

Program:		Year:			
Component	Criterion	Rating			Comments
		Met	Partially Met	Not Met	
Mission Statement	Mission statement is articulated clearly.				
	The program mission clearly supports the College and University missions, and includes specific statements describing how it supports these missions.				
Student Learning Outcomes (SLOs) and Assessment Measures	SLOs are stated clearly.				
	SLOs focus on demonstration of student learning.				
	SLOs are measurable.				
	Measurements are appropriate for the SLO.				
Research	Research expectations for the program are clear, concise, and appropriate for the discipline.				
Assessment Map	The Assessment Map indicates the times in the program where the SLOs are assessed and measured.				
	The Assessment Map identifies the assessments used for each SLO.				
Assessment Cycle	The assessment cycle is clear.				
	All student learning outcomes are measured.				
	Data is collected at least once in the cycle.				
	The cycle includes a date or time period for data analysis and interpretation.				
	The cycle includes a date for planning improvement actions based on the data analysis.				
	The cycle includes a date for dissemination of results to the appropriate stakeholders.				

University of Florida Graduate/Professional Program Assessment Plan Review Rubric, continued

Component	Criterion	Rating			Comments
		Met	Partially Met	Not Met	
Measurement Tools	Measurement tools are described clearly and concisely.				
	Measurements are appropriate for the SLOs.				
	Methods and procedures reflect an appropriate balance of direct and indirect methods.				
	The report presents examples of at least one measurement tool.				
Assessment Oversight	Appropriate personnel (coordinator, committee, etc.) charged with assessment responsibilities are identified				