

Undergraduate Academic Assessment Plan 2017-18

**Bachelor of Science in
Fire & Emergency
Services**

**College of Design,
Construction & Planning**

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College of Design, Construction & Planning

Undergraduate Academic Assessment Plan

Mission Statement

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 the College of Design, Construction, and Planning's strategic plan of 20016 with respect to capabilities for Distance Education offerings as well as strengthening the graduate program which in turn supports the teaching mission of the University of Florida.

Student Learning Outcomes (SLOs) for the Bachelor of Science in Fire & Emergency Services

1. Recommend effective organizational management skills associated in emergency services.
2. Assess communication technology systems, both current and emerging, for emergency services.
3. Critique application of safety, health, and environmental regulations as applicable to emergency services.
4. Describe and appraise leadership skills in fire and emergency services.
5. Manage human resource issues within emergency services.
6. Produce effective verbal and written communication skills in emergency services.

Curriculum Map

Program: Bachelor of Science in Fire & Emergency Services

College: Design, Construction and Planning

Key: **I**ntrouced

Reinforced

Assessed

Courses SLOs	Fes 3004	FES 3015	FES 3153	FES 3284	FES 3285	FES 3533	FES 3753	FES 3720	FES 3815	FES 3822
Content Knowledge										
SLO #1	I	I		I/R	I/R		I	I/R	R	I/R
SLO #2		I	A	I/R		I		I/R	I	
SLO#3	A	I		I/R	I/R	I		I/R	R	A
Critical Thinking										
SLO #4	I	I		I/R	I/R	I	I	I/R	I	I/R
SLO #5		I		I/R	I/R	I		I/R	R	
Communication										
SLO #6	I	I		I/R		I	I	A	I/R	I/R

Courses SLOs	FES 4003	FES 4023	FES 4034	FES 4045	FES 4055	FES 4224	FES 4025	FES 4014	FES 4234	FES 4244
Content Knowledge										
SLO #1	R	R		R		R	A	I	R	I/R
SLO #2				R	I/R			I/R	I	
SLO #3	I/R		R					I	I/R	A
Critical Thinking										
SLO #4	R	A	R			R	R	I/R	I/R	I/R
SLO #5	R			A			R		I	
Communication										
SLO #6	R	R	R	R	R		R	I	I/R	I/R

Assessment Cycle

Fire & Emergency Services

Design, Construction and Planning

SLOs	Year	16-17	17-18	18-19	19-20	20-21	21-22
Content Knowledge							
#1		X	X	X	X	X	X
#2		X	X	X	X	X	X
#3		X	X	X	X	X	X
Critical Thinking							
#4		X	X	X	X	X	X
#5		X	X	X	X	X	X
Communication							
#6		X	X	X	X	X	X

Methods and Procedures

SLO Assessment Matrix

2017-18 Student Learning Outcome	Assessment Method	Measurement Procedure
Recommend effective organizational management skills associated in emergency services.	Final Paper (FES 4585)	Rubric
Assess communication technology systems, both current and emerging, for emergency services.	Final paper (FES 3153)	Rubric
Critique application of safety, health, and environmental regulations as applicable to emergency services.	Final Paper (FES 3004, FES3822, FES4244)	Rubric
Describe and appraise leadership skills in fire and emergency services.	Final Paper (FES 4023)	Rubric
Manage human resource issues within emergency services.	Final paper (FES 4045)	Rubric
Produce effective verbal and written communication skills in emergency services.	Final paper (FES 3720)	Rubric

SLO Assessment

SLO's are assessed in 8 different courses.

Direct Assessments are short and long writing assignments, projects, and presentations. Each course and instructor conducts some combination of these assessments. The assessments may vary from course to course as well as year to year since instructors are encouraged to develop and revise syllabi and course delivery to better achieve SLOs.

Since this is an asynchronous distance program that enrolls primarily working emergency services personnel with variable schedules, student progress is an issue. We seek to maintain student engagement in order to achieve a degree completion rate. For our indirect assessment we track the number of students on the inactive student list. The target is not to increase the number of students on the inactive list.

Rubric used to assess final paper

Grading Rubric

Criteria	Ratings		Pts
Content Addresses Depth	Addresses all aspects of assignment in sufficient depth 20.0 pts	Does not address most aspects of assignment and/or fails to do so in sufficient depth 10.0 pts	20.0 pts
Content Components	Includes all components of the assignment 20.0 pts	Includes some components of the assignment 10.0 pts	20.0 pts
Content Application of Information	Demonstrates understanding and application of information 30.0 pts	Does not demonstrate understanding or application of information 10.0 pts	30.0 pts
Organization Introduction	Introduction – is clear and understandable 3.0 pts	Introduction – is not clear and understandable 0.0 pts	3.0 pts
Organization Conclusion	Conclusion and recommendations follow logically from the body of the plan and bring closure to the plan 3.0 pts	Conclusion and recommendations do not follow logically from the body of the paper nor do they bring closure to the paper 0.0 pts	3.0 pts
Organization Sections	Subsequent sections are labeled and complete 2.0 pts	Some sections are labeled and complete 0.0 pts	2.0 pts
Organization Structure	Structure is clear, logical, and easy to follow; smooth transition between paragraphs which help maintain the flow of thought 2.0 pts	Sometimes the structure clear, logical, and easy to follow; seldom includes smooth transitions between paragraphs to help maintain the flow of thought 0.0 pts	2.0 pts
Readability and Style Length	Meets appropriate length 1.0 pts	Does not meet appropriate length 0.0 pts	1.0 pts

Readability and Style Spelling and Grammar	No major errors in spelling, punctuation, and grammar 5.0 pts	Numerous errors in spelling, punctuation, and grammar 0.0 pts	5.0 pts
Readability and Style Layout	Paper is laid out effectively—uses headings and other reader-friendly tools 2.0 pts	Paper is not laid out effectively; fails to use headings and other reader-friendly tools 0.0 pts	2.0 pts
Readability and Style Appearance	Paper is professional in appearance and demonstrates attention to detail; tone of voice is appropriate to the audience, content, and assignment 2.0 pts	Paper is not professional in appearance and demonstrates a lack of attention to detail; tone of voice is inappropriate to the audience, content, and assignment 0.0 pts	2.0 pts
Format and References Title Page	Title page complete 2.0 pts	Title page incomplete or inaccurate 0.0 pts	2.0 pts
Format and References Number of References	References required number of sources 4.0 pts	Does not include references to outside sources 0.0 pts	4.0 pts
Format and References Cited Properly	All references cited correctly 4.0 pts	References not cited correctly 0.0 pts	4.0 pts
Total Points: 100.0			

Assessment Oversight

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