

2016-2017 Assessment Cycle

## Assessment Plan

### Measures

#### WW\_BS Emergency Service Outcome Set

#### Outcome

##### PO #1 Leadership

Employ leadership and supervisory knowledge to effectively manage fire and emergency services resources and programs.

▼ **Measure:** ESVS 301  
Course level; Indirect - Survey

**Details/Description:** End of Course Evaluation (Question identified PO1)  
This course has improved my ability to employ leadership and supervisory knowledge to effectively manage fire and emergency services resources and programs (PO1).

**Criterion for Success:** >75% respondents Agree and Strongly Agree

**Timeframe of Data Collection:** Aug 2016

**Key/Responsible Personnel:** Department Chair/Assessment Coordinator

▼ **Measure:** ESVS 301  
Course level; Direct - Student Artifact

**Details/Description:** Written Assignment 4.7--Create Your Community Risk Reduction Action Plan

**Criterion for Success:** 70% grade or higher for 90% of students

**Timeframe of Data Collection:** August 2016

**Key/Responsible Personnel:** Instructor

▼ **Measure:** FIRE406  
Course level; Direct - Student Artifact

**Details/Description:** Activity 4.10 (Part 3 of Liability Audit)

**Criterion for Success:** 70% grade or higher for 90% of students

**Timeframe of Data Collection:** May 2016

**Key/Responsible Personnel:** Instructor

##### PO #2 Analytical

Apply research, critical thinking, and analytical decision-making skills to contemporary public safety challenges.

▼ **Measure:** ESVS 401  
Course level; Indirect - Survey

**Details/Description:** End of Course Evaluation (Question Identified PO2)  
This course has better enabled me to apply research, critical thinking, and analytical decision-making skills to contemporary public safety challenges (PO2).

**Criterion for Success:** >75% respondents Agree and Strongly Agree

**Timeframe of Data Collection:** August 2016

**Key/Responsible Personnel:** Department Chair/Assessment Coordinator

▼ **Measure:** ESVS 404  
Course level; Indirect - Survey

**Details/Description:** End of Course Survey (Question Identified PO2)  
This course has better enabled me to apply research, critical thinking, and analytical decision-making skills to contemporary public safety challenges (PO2).

**Criterion for Success:** >75% respondents Agree and Strongly Agree  
**Timeframe of Data Collection:** March 2017  
**Key/Responsible Personnel:** Department Chair/Assessment Coordinator

▼ **Measure:** ESVS 404  
Course level; Direct - Student Artifact

**Details/Description:** Activity 5.5 Written Assignment--Case Study  
**Criterion for Success:** 70% or higher grade for 90% of students  
**Timeframe of Data Collection:** March 2017  
**Key/Responsible Personnel:** Instructor

▼ **Measure:** FIRE 201  
Course level; Direct - Student Artifact

**Details/Description:** Activity 2.11  
**Criterion for Success:** 70% grade or higher for 90% of students  
**Timeframe of Data Collection:** Oct 2016  
**Key/Responsible Personnel:** Instructor

▼ **Measure:** FIRE 201  
Course level; Indirect - Survey

**Details/Description:** End of Course Evaluation (Question Identified PO2)  
This course has better enabled me to apply research, critical thinking, and analytical decision-making skills to contemporary public safety challenges (PO2).  
**Criterion for Success:** >75% respondents Agree and Strongly Agree  
**Timeframe of Data Collection:** October 2016  
**Key/Responsible Personnel:** Department Chair/Assessment Coordinator

▼ **Measure:** FIRE401  
Course level; Direct - Student Artifact

**Details/Description:** Activity 4.12 Research Design & Data Gathering Techniques  
**Criterion for Success:** 70% grade or higher of 90% of students  
**Timeframe of Data Collection:** Aug 2016  
**Key/Responsible Personnel:** Instructor

### PO #3 Scientific

Comprehend and apply foundational fire and emergency services scientific and technical concepts and principles.

▼ **Measure:** FIRE 201  
Course level; Direct - Student Artifact

**Details/Description:** Activity 3.11--Models and Prediction Article Written Assignment  
**Criterion for Success:** 70% grade or higher for 90% of students  
**Timeframe of Data Collection:** Oct 2016  
**Key/Responsible Personnel:** Instructor

▼ **Measure:** FIRE 201  
Course level; Indirect - Survey

**Details/Description:** End of Course Survey (Question Identified PO3)  
This course has enhanced my ability to comprehend and apply foundational fire and emergency services scientific and technical concepts and principles (PO3).  
**Criterion for Success:** >75% respondents Agree and Strongly Agree  
**Timeframe of Data Collection:** October 2016

**Key/Responsible Personnel:** Department Chair/Assessment Coordinator

▼ **Measure:** FIRE 304  
Course level; Indirect - Survey

**Details/Description:** End of Course Evaluation (Question Identified PO3)  
This course has enhanced my ability to comprehend and apply foundational fire and emergency services scientific and technical concepts and principles (PO3).

**Criterion for Success:** >75% respondents Agree and Strongly Agree

**Timeframe of Data Collection:** October 2016

**Key/Responsible Personnel:** Department Chair/Assessment Coordinator

▼ **Measure:** FIRE 401  
Course level; Indirect - Survey

**Details/Description:** End of Course Evaluation (Question Identified PO3)  
This course has enhanced my ability to comprehend and apply foundational fire and emergency services scientific and technical concepts and principles (PO3).

**Criterion for Success:** >75% respondents Agree and Strongly Agree

**Timeframe of Data Collection:** August 2016

**Key/Responsible Personnel:** Department Chair/Assessment Coordinator

▼ **Measure:** FIRE304  
Course level; Direct - Student Artifact

**Details/Description:** Activity 5.4 Written Assignment--Interfire Notebook Investigation Report

**Criterion for Success:** 70% or higher of grade for 90% of students

**Timeframe of Data Collection:** Oct 2016

**Key/Responsible Personnel:** Instructor

▼ **Measure:** FIRE401  
Course level; Direct - Student Artifact

**Details/Description:** Activity 5.8 --Final Research Proposal

**Criterion for Success:** 70% or higher grade for 90% of students

**Timeframe of Data Collection:** Aug 2016

**Key/Responsible Personnel:** Instructor

#### PO #4 Planning

Comprehend and implement management, protection, prevention, mitigation, response, recovery, and planning strategies to be responsive to the needs of the community.

▼ **Measure:** ESVS 301  
Program level; Direct - Student Artifact

**Details/Description:** Activity 4.7 --Community Risk Reduction Plan

**Criterion for Success:** 70% or higher grade for 90% of students

**Timeframe of Data Collection:** Aug 2016

**Key/Responsible Personnel:** Instructor

▼ **Measure:** ESVS 301  
Course level; Indirect - Survey

**Details/Description:** End of Course Evaluation (Question Identified PO4)  
This course has improved my ability to comprehend and implement management, protection, prevention, mitigation, response, recovery, and planning strategies to be more responsive to the needs of the community (PO4).

**Criterion for Success:** >75% respondents Agree and Strongly Agree

**Timeframe of Data Collection:** August 2016

**Key/Responsible Personnel:** Department Chair/Assessment Coordinator

▼ **Measure:** ESVS 402  
Course level; Indirect - Survey

**Details/Description:** End of Course Evaluation (Question Identified PO4)

This course has improved my ability to comprehend and implement management, protection, prevention, mitigation, response, recovery, and planning strategies to be more responsive to the needs of the community (PO4).

**Criterion for Success:** >75% respondents Agree and Strongly Agree

**Timeframe of Data Collection:** March 2017

**Key/Responsible Personnel:** Department Chair/Assessment Coordinator

▼ **Measure:** ESVS 402  
Program level; Direct - Student Artifact

**Details/Description:** Activity 5.12 --Written Assignment Community Safety Strategy

**Criterion for Success:** 70% or higher for 90% of students

**Timeframe of Data Collection:** March 2017

**Key/Responsible Personnel:** Instructor

#### PO #5 Specialty Areas

Demonstrate a proficiency in identifying and solving problems related to the specialty area using Fire Science knowledge and the interrelationships to historical, organizational, legal, social, political, economic, and physical constructs.

▼ **Measure:** ESVS 405  
Program level; Direct - Student Artifact

**Details/Description:** Activity 3.17--Writing Assignment Training and Human Resources Development

**Criterion for Success:** 70% or higher for 90% of students

**Timeframe of Data Collection:** Jan 2017

**Key/Responsible Personnel:** Instructor

▼ **Measure:** ESVS 405  
Course level; Indirect - Survey

**Details/Description:** End of Course Evaluation (Question Identified PO5)

I am more proficient in identifying and solving problems related to the specialty area covered by the course material using fire science (and emergency services) knowledge and their interrelationships to historical, organizational, legal, social, political, economic, and physical constructs (PO5).

**Criterion for Success:** >75% respondents Agree and Strongly Agree

**Timeframe of Data Collection:** January 2017

**Key/Responsible Personnel:** Department Chair/Assessment Coordinator

▼ **Measure:** FIRE 406  
Course level; Direct - Student Artifact

**Details/Description:** Activity 5.9 -- Part 4 of the Liability Audit

**Criterion for Success:** 70% grade or higher for 90% of students

**Timeframe of Data Collection:** May 2016

**Key/Responsible Personnel:** Instructor

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