

# PSLO Performance Report 2022-24

by Program with SLO

The purpose of this report is to present the number and percent of assessment scores at each mastery level for each program or institution learning outcome for a given term(s) or assessment cycle(s) for a given department, program, or course group. You can also choose to show this information by course.

Department: Fire Science

SLOs: Program PSLOs

Program: Fire Science AA

Date: 10-07-2024

Courses: All Courses for Selected Programs

Terms: Fall 2022, Winter 2023, Spring 2023, Fall 2023, Winter 2024, Spring 2024

## Academic Division » Allied Health

**PSLO: Identify minimum qualifications and entry-level skills for firefighter hiring.**

**Course: HEA140E - Emergency Medical Technician (EMT)**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**PSLO: Analyze, appraise and evaluate fire and emergency incidents and identify components of emergency management and firefighter safety.**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**PSLO: Comprehend laws, regulations, codes and standards that influence fire department operations, and identify regulatory and advisory organizations that create and mandate them, especially in the areas of fire prevention, building codes and ordinances, and fi**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**PSLO: Analyze the causes of fire, determine extinguishing agents and methods, differentiate the stages of the fire and fire development, and compare methods of heat transfer.**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**PSLO: Identify and describe common types of building construction and conditions associated with structural collapse and firefighter safety.**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**PSLO: Differentiate between fire detection and fire suppression systems.**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**Overall by Term for PSLO: Differentiate between fire detection and fire suppression systems.**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**Overall by Course for PSLO: Differentiate between fire detection and fire suppression systems.**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Emergency Medical Technician (EMT)	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**Overall by Term for Program: Academic Division » Allied Health**

Complete Understanding	Strong Understanding	Moderate Understanding	Little to No Understanding
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	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**Overall by PSLO for Program: Academic Division » Allied Health**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Identify minimum qualifications and entry-level skills for firefighter hiring.	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Analyze, appraise and evaluate fire and emergency incidents and identify components of emergency management and firefighter safety.	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Comprehend laws, regulations, codes and standards that influence fire department operations, and identify regulatory and advisory organizations that create and mandate them, especially in the areas of fire prevention, building codes and ordinances, and fi	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Analyze the causes of fire, determine extinguishing agents and methods, differentiate the stages of the fire and fire development, and compare methods of heat transfer.	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Identify and describe common types of building construction and conditions associated with structural collapse and firefighter safety.	0	0.00%	0	0.00%	0	0.00%	0	0.00%

Differentiate between fire detection and fire suppression systems.	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
	0	0.00%	0	0.00%	0	0.00%	0	0.00%

### Academic Division » Fire Science

PSLO: Identify minimum qualifications and entry-level skills for firefighter hiring.

#### Course: FIR101 - Fire Protection Organization

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	8	61.54%	4	30.77%	1	7.69%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	8	61.54%	4	30.77%	1	7.69%	0	0.00%

#### Course: FIR102 - Fundamentals of Fire Prevention

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	0	0.00%	0	0.00%	0	0.00%	0	0.00%

#### Course: FIR103 - Fire Protection Equipment and Systems

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	4	57.14%	1	14.29%	1	14.29%	1	14.29%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	4	57.14%	1	14.29%	1	14.29%	1	14.29%

**Course: FIR104 - Building Construction for Fire Protection**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**Course: FIR105 - Fire Behavior and Combustion**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**Course: FIR106 - Principles of Fire and Emergency Services Safety and Survival**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**Course: FIR153 - Fire Hydraulics**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**Course: FIR167 - Wildland Fire Safety and Hand Crew Operations: Basic Wildland Firefighter - (L-180, S-130, S-190)**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**PSLO: Analyze, appraise and evaluate fire and emergency incidents and identify components of emergency management and firefighter safety.**

**Course: FIR101 - Fire Protection Organization**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	17	65.38%	3	11.54%	0	0.00%	6	23.08%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	17	65.38%	3	11.54%	0	0.00%	6	23.08%

**Course: FIR102 - Fundamentals of Fire Prevention**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	9	90.00%	1	10.00%
Overall	0	0.00%	0	0.00%	9	90.00%	1	10.00%

**Course: FIR103 - Fire Protection Equipment and Systems**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	4	57.14%	1	14.29%	1	14.29%	1	14.29%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	4	57.14%	1	14.29%	1	14.29%	1	14.29%

**Course: FIR104 - Building Construction for Fire Protection**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	14	70.00%	3	15.00%	3	15.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	14	70.00%	3	15.00%	3	15.00%	0	0.00%

**Course: FIR105 - Fire Behavior and Combustion**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**Course: FIR106 - Principles of Fire and Emergency Services Safety and Survival**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**Course: FIR153 - Fire Hydraulics**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**Course: FIR167 - Wildland Fire Safety and Hand Crew Operations: Basic Wildland Firefighter - (L-180, S-130, S-190)**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	12	80.00%	2	13.33%	1	6.67%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	12	80.00%	2	13.33%	1	6.67%	0	0.00%

**PSLO: Comprehend laws, regulations, codes and standards that influence fire department operations, and identify regulatory and advisory organizations that create and mandate them, especially in the areas of fire prevention, building codes and ordinances, and fi**

**Course: FIR101 - Fire Protection Organization**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	16	61.54%	5	19.23%	0	0.00%	5	19.23%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	16	61.54%	5	19.23%	0	0.00%	5	19.23%

**Course: FIR102 - Fundamentals of Fire Prevention**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	19	63.33%	5	16.67%	3	10.00%	3	10.00%
Overall	19	63.33%	5	16.67%	3	10.00%	3	10.00%

**Course: FIR103 - Fire Protection Equipment and Systems**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	3	42.86%	3	42.86%	1	14.29%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	3	42.86%	3	42.86%	1	14.29%	0	0.00%



**Course: FIR104 - Building Construction for Fire Protection**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	15	75.00%	2	10.00%	3	15.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	15	75.00%	2	10.00%	3	15.00%	0	0.00%

**Course: FIR105 - Fire Behavior and Combustion**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**Course: FIR106 - Principles of Fire and Emergency Services Safety and Survival**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**Course: FIR153 - Fire Hydraulics**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**Course: FIR167 - Wildland Fire Safety and Hand Crew Operations: Basic Wildland Firefighter - (L-180, S-130, S-190)**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**PSLO: Analyze the causes of fire, determine extinguishing agents and methods, differentiate the stages of the fire and fire development, and compare methods of heat transfer.**

**Course: FIR101 - Fire Protection Organization**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	7	53.85%	4	30.77%	1	7.69%	1	7.69%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	7	53.85%	4	30.77%	1	7.69%	1	7.69%

**Course: FIR102 - Fundamentals of Fire Prevention**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**Course: FIR103 - Fire Protection Equipment and Systems**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	6	42.86%	5	35.71%	3	21.43%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	6	42.86%	5	35.71%	3	21.43%	0	0.00%

**Course: FIR104 - Building Construction for Fire Protection**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	7	70.00%	2	20.00%	1	10.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	7	70.00%	2	20.00%	1	10.00%	0	0.00%

**Course: FIR105 - Fire Behavior and Combustion**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	6	25.00%	6	25.00%	11	45.83%	1	4.17%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	6	25.00%	6	25.00%	11	45.83%	1	4.17%

**Course: FIR106 - Principles of Fire and Emergency Services Safety and Survival**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**Course: FIR153 - Fire Hydraulics**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**Course: FIR167 - Wildland Fire Safety and Hand Crew Operations: Basic Wildland Firefighter - (L-180, S-130, S-190)**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	16	80.00%	2	10.00%	2	10.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	16	80.00%	2	10.00%	2	10.00%	0	0.00%

**PSLO: Identify and describe common types of building construction and conditions associated with structural collapse and firefighter safety.**

**Course: FIR101 - Fire Protection Organization**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**Course: FIR102 - Fundamentals of Fire Prevention**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**Course: FIR103 - Fire Protection Equipment and Systems**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	3	42.86%	3	42.86%	1	14.29%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	3	42.86%	3	42.86%	1	14.29%	0	0.00%

**Course: FIR104 - Building Construction for Fire Protection**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	21	70.00%	5	16.67%	4	13.33%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	21	70.00%	5	16.67%	4	13.33%	0	0.00%

**Course: FIR105 - Fire Behavior and Combustion**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**Course: FIR106 - Principles of Fire and Emergency Services Safety and Survival**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**Course: FIR153 - Fire Hydraulics**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**Course: FIR167 - Wildland Fire Safety and Hand Crew Operations: Basic Wildland Firefighter - (L-180, S-130, S-190)**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**PSLO: Differentiate between fire detection and fire suppression systems.****Course: FIR101 - Fire Protection Organization**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**Course: FIR102 - Fundamentals of Fire Prevention**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	5	25.00%	2	10.00%	11	55.00%	2	10.00%
Overall	5	25.00%	2	10.00%	11	55.00%	2	10.00%

**Course: FIR103 - Fire Protection Equipment and Systems**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	11	52.38%	4	19.05%	4	19.05%	2	9.52%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	11	52.38%	4	19.05%	4	19.05%	2	9.52%

**Course: FIR104 - Building Construction for Fire Protection**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**Course: FIR105 - Fire Behavior and Combustion**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**Course: FIR106 - Principles of Fire and Emergency Services Safety and Survival**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**Course: FIR153 - Fire Hydraulics**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**Course: FIR167 - Wildland Fire Safety and Hand Crew Operations: Basic Wildland Firefighter - (L-180, S-130, S-190)**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Overall	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**Overall by Term for PSLO: Differentiate between fire detection and fire suppression systems.**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2023	11	52.38%	4	19.05%	4	19.05%	2	9.52%
Fall 2023	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2024	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Spring 2024	5	25.00%	2	10.00%	11	55.00%	2	10.00%

**Overall by Course for PSLO: Differentiate between fire detection and fire suppression systems.**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fire Protection Organization	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fundamentals of Fire Prevention	5	25.00%	2	10.00%	11	55.00%	2	10.00%
Fire Protection Equipment and Systems	11	52.38%	4	19.05%	4	19.05%	2	9.52%
Building Construction for Fire Protection	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fire Behavior and Combustion	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Principles of Fire and Emergency Services Safety and Survival	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Fire Hydraulics	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Wildland Fire Safety and Hand Crew Operations: Basic Wildland Firefighter - (L-180, S-130, S-190)	0	0.00%	0	0.00%	0	0.00%	0	0.00%

**Overall by Term for Program: Academic Division » Fire Science**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Fall 2022	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Winter 2023	6	25.00%	6	25.00%	11	45.83%	1	4.17%
Spring 2023	59	60.20%	21	21.43%	14	14.29%	4	4.08%
Fall 2023	48	61.54%	16	20.51%	2	2.56%	12	15.38%
Winter 2024	57	71.25%	12	15.00%	11	13.75%	0	0.00%



Spring 2024	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
	24	40.00%	7	11.67%	23	38.33%	6	10.00%

**Overall by PSLO for Program: Academic Division » Fire Science**

	Complete Understanding		Strong Understanding		Moderate Understanding		Little to No Understanding	
Identify minimum qualifications and entry-level skills for firefighter hiring.	12	60.00%	5	25.00%	2	10.00%	1	5.00%
Analyze, appraise and evaluate fire and emergency incidents and identify components of emergency management and firefighter safety.	47	60.26%	9	11.54%	14	17.95%	8	10.26%
Comprehend laws, regulations, codes and standards that influence fire department operations, and identify regulatory and advisory organizations that create and mandate them, especially in the areas of fire prevention, building codes and ordinances, and fi	53	63.86%	15	18.07%	7	8.43%	8	9.64%
Analyze the causes of fire, determine extinguishing agents and methods, differentiate the stages of the fire and fire development, and compare methods of heat transfer.	42	51.85%	19	23.46%	18	22.22%	2	2.47%
Identify and describe common types of building construction and conditions associated with structural collapse and firefighter safety.	24	64.86%	8	21.62%	5	13.51%		
Differentiate between fire detection and fire suppression systems.	16	39.02%	6	14.63%	15	36.59%	4	9.76%