

**ARTICULATION AGREEMENT**

**DATE DRAFTED:** November 3, 2021

**VALID ACADEMIC YEAR:** 2021-22 & 2022-23

**LMC COURSE:** FIRE-101 "Fire Protection Organization"

**HIGH SCHOOL COURSE:** ROP Careers with Fire Science

**School:** Freedom High School

**Address:** 1050 Neroly Road, Oakley, CA

**A. COLLEGE COURSE DESCRIPTION:** This class is one of the six courses required for an Associate's Degree in Fire Technology. It provides the foundation and basic information necessary to succeed in the fire technology program. Fire 101 can be considered your introduction to the fire service. This class is designed to provide information regarding fire service history, fire safety, fire terminology, and fire loss and fire facts. One of the most important aspects of this class is the information provided that is pertinent to the hiring process.

**B. UNITS: 3**

**C. PRE-REQUISITES: NA**

**D. Recommended Course Content for Articulation**

Orientation to the Course  
Fire Service Certificates and Degree requirements,  
Fire Academies, and Training  
Fire Service History  
Fire Fighter Safety  
Fire Behavior  
Fire Terminology, Fire Ranks and Insignias  
Firefighting Personal Protective Equipment  
Apparatus and Equipment  
Fire Extinguishers  
Water Supply  
Sprinklers and Standpipes  
Interview Techniques and Mock Boards  
Hiring Practices  
  
Class Projects/Presentations  
Testing/Exams

## E. REQUIRED COMPETENCIES (PERFORMANCE OBJECTIVES) FOR ARTICULATION:

At the end of Fire 101, the successful student will be able to :

- CSLO 1. Compare the different career paths within the fire service organization in order to make sound career choices.
- CSLO 2. List, explain and demonstrate use of, basic fire terminology used in the fire service.
- CSLO 3. Identify unsafe situations and apply fire safety techniques used in the field.
- CSLO 4. Explain the basic characteristics of the four (4) classes of fire.
- CSLO 5. Recognize the signs and symptoms of backdraft, flashover and other thermal conditions.
- CSLO 6. To demonstrate that a student can identify and compare historical fire events and how those events shape the modern day fire service.

## F. METHODS FOR END OF COURSE ASSESSMENT:

Credit by exam: Students must receive a grade of "B" or better on the final exam

### School Grading System

100-90 = A

89- 80 = B

79- 70 = C

69- 70 = D

Below 60 = F

### Percent of Grade

20 % Midterm and Final

30 % Assignments

20 % Chapter quizzes

30 % Class Participation and Citizenship

### Fire Academy Grading System

100-90 = A

89- 80 = B

Below 80% failed ROP FIRE Science Certification and College Credit

## G. TEXTBOOKS OR OTHER SUPPORTING MATERIALS

- IFSTA Essentials of Firefighting, 6<sup>th</sup> Edition\*, R-1/Resources One Electronic Resources.  
ISBN: 978-0-13314-080-4  
*\*At the time of writing the articulation agreement, the 7<sup>th</sup> Edition is on order for the FHS ROP Careers in Fire Science classes 2021-22 academic year*
- Fundamentals of Fire Fighter Skills, Jones & Bartlett Learning, 3<sup>rd</sup> Edition w/Navigate 2 enhanced edition/Electronic Resources ISBN-10: 1284070808 ISBN-13: 9781284070804  
Pub. Date: 07/24/2015

## H. PROCEDURES AND/OR CRITERIA FOR COURSE ARTICULATION:

1. Complete the ROP Careers with Fire Science course at Freedom High School with a grade of "B" or better.
2. Receive a "B" or better on the agreed upon college/high school final exam procedure.
3. Apply for admission at Los Medanos College.
4. Be recommended for credit by the high school teacher.
5. Register for CATEMA for electronic recommendation of college credit **within the academic year in which credit was earned.**
6. Upon completion of the above, the student will receive on his/her LMC and CCCCD (California Community College District) transcript the units of credit for LMC's FIRE-101 course.
7. College transcripts will reflect the **FINAL EXAM GRADE** earned and will be notated as \*Credit by Exam.

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**COLLEGE SIGNATURES**

Natalie Hannum

Natalie Hannum (Nov 9, 2021 16:29 PST)

Natalie Hannum Date  
LMC Vice President of Instruction

Mike Grillo

Mike Grillo (Nov 9, 2021 16:02 PDT)

Mike Grillo Date  
LMC Fire Technology Dept. Chair/Faculty

**HIGH SCHOOL/ROP/DISTRICT SIGNATURES**

Lauren Kelly

Lauren Kelly (Dec 8, 2021 14:56 PST)

Lauren Kelly Date  
Principal, Freedom High School

Erik Faulkner

Erik Faulkner (Dec 10, 2021 08:00 PST)

Erik Faulkner Date  
District Asst. Superintendent, Educational Services

Dan Hanel

Dan Hanel Date  
CCCOE Principal of ROP Programs, East County

James E. Scarbrough

James E. Scarbrough (Dec 10, 2021 07:50 PST)

Jim Scarbrough Date  
Freedom High School Instructor












# FIRE-101\_FHS\_FA21-SP23

Final Audit Report

2021-12-10

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 Agreement completed.

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