LOS MEDANOS COLLEGE

ARTICULATION AGREEMENT **DATE DRAFTED**:April 2025

VALID ACADEMIC YEARS: FA25-SP27

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. **HIGH SCHOOL CLASS DESCRIPTION:** This course provides students with the basic understanding of fire behavior, firefighter health and safety, firefighting equipment and apparatus, firefighting specialties, firefighting cultures and history, career opportunities and the hiring process. Written tests and assignments throughout the course are used to enhance the use of Common Core State Standards (CCSS), communications, interpersonal skills, problem solving, workplace safety, technology, team building and employment literacy. This course is designed for students seeking employment or seeking greater understanding of the role and responsibilities of a firefighter.
E. **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

Los Medanos College

F. 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.

G. 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

Fire Academy Grading System
100-90 = A
89- 80 = B

Below 80% failed ROP FIRE Science Certification and College Credit

Percent of Grade
20 % Midterm and Final
30 % Assignments
20 % Chapter quizzes
30 % Class Participation and Citizenship

H. TEXTBOOKS OR OTHER SUPPORTING MATERIALS

- IFSTA Essentials of Firefighting, 7th Edition*, R-1/Resources One Electronic Resources. ISBN: 978-0-13314-080-
- Fundamentals of Fire Fighter Skills, Jones & Bartlett Learning, 3rd Edition w/Navigate 2 enhanced edition/Electronic Resources ISBN-10: 1284070808 ISBN-13: 9781284070804 Pub. Date: 07/24/2015

I. PROCEDURES AND/OR CRITERIA FOR COURSE ARTICULATION & STUDENT CREDIT RECOMMENDATION:

1. Complete the ROP Fire Technology 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.** ***CREDIT RECOMMENDATION THROUGH CATEMA IS REQUIRED.***
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

A'kilah Smith
A'kilah Smith (Apr 30, 2025 16:05 PDT) Apr 30, 2025

A'Kilah Moore Ed.D Date

LMC Vice President of Instruction

Apr 18, 2025

Dennis Franco Date

LMC Dean of Instruction, Career Education

mike grillo
mike grillo (Apr 15, 2025 20:40 PDT) Apr 15, 2025

Mike Grillo Date

LMC Fire Technology Dept.Chair/

Faculty

HIGH SCHOOL/ROP/DISTRICT SIGNATURES

Steve Amaro (Apr 22, 2025 10:12 PDT) Apr 22, 2025

Steve Amaro, Ed.D. Date

Principal, Freedom High School

Erik Faulkner
Erik Faulkner (Apr 18, 2025 15:56 PDT) Apr 18, 2025

Erik Faulkner Date

District Asst. Superintendent, Educational Services

Hilary H. Dito Apr 17, 2025

Hilary Dito Date

CCCOE Director III, College & Career Readiness

LMarley
Leslie Marley (Apr 16, 2025 08:22 PDT) Apr 16, 2025

Lesley Marely Date

CCCOE Coordinator, College & Career Readiness

James E. Scarbrough Apr 16, 2025
James E. Scarbrough (Apr 16, 2025 08:20 PDT)

Jim Scarbrough Date

Freedom High School Instructor

FIRE-101_FHS_FA25-SP27

Final Audit Report 2025-04-30

Created:	2025-04-15
By:	Jocelyn Morales (jmorales873@email.4cd.edu)
Status:	Signed
Transaction ID:	CBJCHBCAABAAB2LIMTZCH9Hsvvir--oiKunjir1j2zXZ

"FIRE-101_FHS_FA25-SP27" History

Document created by Jocelyn Morales (jmorales873@email.4cd.edu)
2025-04-15 - 5:05:08 PM GMT- IP address: 207.62.226.170

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2025-04-15 - 5:22:43 PM GMT

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2025-04-15 - 10:04:36 PM GMT- IP address: 104.47.70.126

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2025-04-16 - 3:40:30 AM GMT- IP address: 174.160.92.120

Document e-signed by mike grillo (mgrillo@losmedanos.edu)
Signature Date: 2025-04-16 - 3:40:32 AM GMT - Time Source: server- IP address: 174.160.92.120

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2025-04-16 - 3:20:34 PM GMT- IP address: 169.199.155.70

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2025-04-18 - 10:56:17 PM GMT- IP address: 169.199.155.71

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2025-04-18 - 10:56:20 PM GMT

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2025-04-18 - 10:56:30 PM GMT

Jocelyn Morales (jmorales873@email.4cd.edu) added alternate signer Steve Amaro (amaros@luhsd.net). The original signer amaros@lushd.net can still sign.
2025-04-22 - 5:10:05 PM GMT- IP address: 207.62.226.170

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2025-04-22 - 5:10:06 PM GMT

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2025-04-22 - 5:12:05 PM GMT- IP address: 172.226.212.17

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Signature Date: 2025-04-22 - 5:12:33 PM GMT - Time Source: server- IP address: 172.59.130.171

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2025-04-22 - 5:12:45 PM GMT

Jocelyn Morales (jmorales873@email.4cd.edu) added alternate signer asmith@losmedanos.edu. The original signer amoore@losmedanos.edu can still sign.

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2025-04-30 - 9:40:15 PM GMT

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2025-04-30 - 11:05:37 PM GMT- IP address: 104.47.55.126

Signer asmith@losmedanos.edu entered name at signing as A'kilah Smith

2025-04-30 - 11:05:57 PM GMT- IP address: 73.71.45.248

Document e-signed by A'kilah Smith (asmith@losmedanos.edu)

Signature Date: 2025-04-30 - 11:05:59 PM GMT - Time Source: server- IP address: 73.71.45.248

Agreement completed.

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