

**ARTICULATION AGREEMENT**

**DATE DRAFTED:** November 13, 2017  
**VALID ACADEMIC YEARS:** 2017-18 & 2018-19

**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 five 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. PROCEDURES AND/OR CRITERIA FOR COURSE ARTICULATION:**

1. Complete the ROP Fire Science course at Freedom High School with a grade of “B” or better.
2. Complete the LMC “Credit by Exam” procedure with a grade of “B” or better.
3. Apply for admission at Los Medanos College.
4. Register for CATEMA for electronic submission of college credit **OR** obtain copy of high school transcript and articulation agreement and submit to the LMC Office of Admissions & Records.
5. Upon completion of the above, the student will receive on his/her LMC and CCCC (California Community College District) transcripts the unit credit for LMC’s FIRE-101 course. Transcripts will note \*Credit by Exam.

**H. 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
- 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

**ARTICULATION AGREEMENT**

**DATE DRAFTED:** November 13, 2017  
**VALID ACADEMIC YEARS:** 2017-18 & 2018-19

**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

**COLLEGE SIGNATURES**

Kevin P. Horan  
Kevin P. Horan (Feb 6, 2018)  
\_\_\_\_\_  
Kevin Horan Date  
LMC Vice President of Instruction & Student Services

Natalie Hannum  
Natalie Hannum (Feb 6, 2018)  
\_\_\_\_\_  
Natalie Hannum Date  
LMC Dean of Workforce & Economic Development

mike grillo  
mike grillo (Feb 5, 2018)  
\_\_\_\_\_  
Mike Grillo Date  
LMC Fire Technology Dept. Chair/Faculty

**HIGH SCHOOL/ROP/DISTRICT SIGNATURES**

Kelly Manke  
Kelly Manke (Feb 6, 2018)  
\_\_\_\_\_  
Kelly Manke Date  
Principal, Freedom High School

Erik Faulkner  
Erik Faulkner (May 10, 2018)  
\_\_\_\_\_  
Erik Faulkner Date  
District Asst. Superintendent, Educational Services

Dan Hanel  
Dan Hanel (May 10, 2018)  
\_\_\_\_\_  
Dan Hanel Date  
CCCOE Principal of ROP Programs, East County

James E. Scarbrough  
James E. Scarbrough (May 10, 2018)  
\_\_\_\_\_  
Jim Scarbrough Date  
Freedom High School Instructor



**Cc:**  
LMC Director of Admissions and Records  
LMC K-12 Program Coordinator  
LMC CTE Counselor  
School District Educational Services Dept.  
High School Principal  
High School CATEMA Contact  
Upload: LMC High School Articulation webpage  
StatewidePathways.Org