

ARTICULATION AGREEMENT

DATE DRAFTED: September 5, 2019
VALID ACADEMIC YEAR: 2018-19 & 2019-2020

LMC COURSE: EMS-007 Introduction to Healthcare Careers

HIGH SCHOOL COURSE: Healthcare Essentials

School: Horizons

Address: One Santa Barbara Road
Pleasant Hill, CA 94523

A. COLLEGE COURSE DESCRIPTION: This course provides a foundational overview of health care careers and their respective career paths, educational requirements, and professional responsibilities. It also covers basic skills needed for health-related careers in general, such as personal qualities, professionalism, teamwork, and communication. The purpose of this class is to assist the student in making educational/career decisions.

B. UNITS: 3

C. PRE-REQUISITES: NA

D. REQUIRED CONTENT FOR ARTICULATION:

Introduction to Health Care

- a. Career Pathways in Health Care
- b. Introduction to integrated systems approach to health care delivery services: prevention, diagnosis, pathology, and treatment
- c. Roles and responsibilities of health care workers as team members
- d. Key assignment: Research and present a health career of choice, including scope of practice, education, training, certification, salary.

U.S. Health Care: The Patient's Story

- a. U.S. Health care systems and economics
- b. Case studies
 - i. compare patients who do/don't receive preventative care
 - ii. Health history, cultural and social barriers to health care
 - iii. Personal qualities of health care workers and effective communication
- c. Medical records, privacy laws, ethics, professionalism
- d. Key assignment: Interview a subject about family health history and lifestyle. Write a 3-4 page paper with properly cited sources about the effect of social, lifestyle, cultural, and family history on health. Conclude with recommended lifestyle choices to mitigate those effects.

Pathophysiology and Infectious Disease

- a. Review basic structure and function of the human body and relate normal function to common disorders and disease
- b. Investigate the physiology of disease through laboratory studies, case studies and research

- c. Learn and apply basic medical terminology
- d. Research and describe the most common acute and chronic diseases prevalent in the local community and develop action plans for prevention in the community
- e. Key assignment: Learn and demonstrate safety and infection control in the health care setting: universal precautions, handwashing, and sterile techniques

Diagnosis and Treatment

- a. Team approach to patient care
- b. Physical exam skills: height, weight, vital signs
- c. Medical documentation: electronic health records, charting
- d. Pharmaceuticals: medical math, dosing, antibiotics, vaccines
- e. Diagnostics and Imaging: ECG, blood, urine, radiographs, and other medical technology
- f. Diagnosis: Critical thinking, problem solving, communication, scope of practice
- g. Hands-on patient care with nursing manikin
 - i. Body mechanics
 - ii. Nursing / Medical skills
 - iii. Dental skills
 - iv. Surgical skills
 - v. Therapy and Rehabilitation
- h. Key assignment: First Aid, and Emergency procedures: CPR, AED training and certification

E. REQUIRED COMPETENCIES (PERFORMANCE OBJECTIVES) FOR ARTICULATION

- a. Demonstrate knowledge of various health care careers: respective roles and responsibilities, career pathways, educational and training requirements.
- b. Identify and demonstrate the personal and professional skills common to health care careers: soft skills (communication, ethics, teamwork, problem solving, diversity, compassion), and hard skills (technology, documentation, safety and infection control, measurement of vital signs, and basic medical terminology).
- c. Demonstrate first aid/emergency procedures.

F. METHODS FOR END OF COURSE ASSESSMENT:

1. Online weekly quizzes to evaluate student understanding
2. Homework assignments, written and online
3. In-class unit examinations (4) and Final
4. Project presentations: Collaborative projects graded with Project and Presentation Rubrics
5. Skills tests: Demonstrations of Career Technical Standards (including soft and hard skills)

Grading:

90% - 100% A, 80% - 89.9%B, 70% - 79.9%C, 60% - 69.9%D, 59.9% and below F

Grades Weighted:

40% Individual Homework Assignments, 40% Exams and Skills Tests, 20% Collaborative Project

G. PROCEDURES AND/OR CRITERIA FOR COURSE ARTICULATION:

1. Complete the **Healthcare Essentials course at Horizons 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** complete an [LMC HS/Adult Ed. Grade Verification Form](#) , 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 CCCCDC (California Community College District) transcripts the grade of “A” or “B” and the unit credit for the **LMC EMS-007 Introduction to Healthcare Careers** course. Transcripts will note *Credit by Exam.

H. TEXTBOOKS OR OTHER SUPPORTING MATERIALS

Introduction to Health Science: Pathways to Your Future, Dorothy Winger and Susan Blahnik
Supplemental texts: *Heartsaver: First Aid with CPR and AED*, American Heart Association, and *Introduction to Health Care & Careers*, Roxann DeLaet

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COLLEGE SIGNATURES

HIGH SCHOOL/ROP/DISTRICT SIGNATURES

Kevin P. Horan
Kevin P. Horan (Sep 17, 2018)

Kevin Horan
LMC Vice President of Instruction & Student Services



Nikki Moultrie
LMC Dean of CTE & Social Sciences

mike grillo
mike grillo (Sep 17, 2018)

Mike Grillo
LMC FIRE/EMS Department Chair

Heather Morelli
Heather Morelli (Oct 2, 2018)

Heather Morelli
Principal, Horizons School

Nellie Meyer
Nellie Meyer (Oct 24, 2018)

Dr. Nellie Meyer
Superintendent, Mt. Diablo Unified School District

Noel Rohland
Noel Rohland (Oct 2, 2018)

Noel Rohland
Faculty, Horizons School

Cc:
LMC Director of Admissions and Records
LMC K-12 Coordinator
LMC Pathways Counselor
CTE Counselor
School District Educational Services Dept.
High School Principal
High School CATEMA Contact













EMS-007 w-Horizons 2018-20 FINAL


Adobe Sign Document History

10/24/2018


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By:	Colleen Grim (cgrim@losmedanos.edu)
Status:	Signed
Transaction ID:	CBJCHBCAABAABWBDj9rVSztCAF27Z5qknfgRBxTuPZRWj


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