

HLC 121 Course Outline as of Fall 2020

CATALOG INFORMATION

Dept and Nbr: HLC 121

Title: HEALTH CAREERS ACAD I

Full Title: Health Careers Academy I

Last Reviewed: 2/22/2016

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	1.50	Lecture Scheduled	1.00	17.5	Lecture Scheduled	17.50
Minimum	1.50	Lab Scheduled	1.50	8	Lab Scheduled	26.25
		Contact DHR	0		Contact DHR	0
		Contact Total	2.50		Contact Total	43.75
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 35.00

Total Student Learning Hours: 78.75

Title 5 Category: AA Degree Applicable

Grading: Grade Only

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly:

Catalog Description:
This course is designed to introduce students to healthcare and healthcare careers through lecture. Career exploration will focus on the following health career profiles: medical-surgical, laboratory, pharmacy services, diagnostic imaging, and health information. Anatomy and physiology will be introduced with a focus on the cardiovascular and nervous systems.

Prerequisites/Corequisites:
Course Completion or Current Enrollment in HLC 121L

Recommended Preparation:
Eligibility for ENGL 100 or ESL 100

Limits on Enrollment:
Due to hospital requirements students must be 16 years of age or older and meet the following immunizations and vaccination requirements; MMR, Varicella-Zoster, Hepatitis B, Tdap, seasonal influenza, and current TB clearance.

Schedule of Classes Information:
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Transfer Credit:

Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	Area	Effective:	Inactive:
CSU GE:	Transfer Area	Effective:	Inactive:
IGETC:	Transfer Area	Effective:	Inactive:
CSU Transfer:		Effective:	Inactive:
UC Transfer:		Effective:	Inactive:

CID:

Certificate/Major Applicable:

Not Certificate/Major Applicable

COURSE CONTENT

Student Learning Outcomes:

At the conclusion of this course, the student should be able to:

1. Identify opportunities for employment in focused healthcare career profiles: medical-surgical, laboratory, pharmacy services, diagnostic and imaging, and health information.
2. Describe workplace ethics and explain the importance of ethical standards, confidentiality, Health Insurance Portability and Accountability Act (HIPAA), and patient rights in healthcare professions.
3. Describe basic anatomy and physiology of the cardiovascular and nervous systems.

Objectives:

Upon completion of this course, the student will be able to:

1. Describe and explain the compliant medical and legal requirements for participation in health occupations.
2. Describe workplace ethics and explain the importance of ethical standards, confidentiality, Health Insurance Portability and Accountability Act (HIPAA), and patient rights in healthcare professions.
3. Demonstrate understanding of focused health career profiles: medical-surgical, laboratory, pharmacy services, diagnostic and imaging, and health information.
4. Describe basic anatomy and physiology of the cardiovascular and nervous systems.
5. Describe basic cardiovascular disease physiology, prevention, and management.
6. Describe healthcare through the ages and healthcare industry trends.

Topics and Scope:

I. Overview of major healthcare events through the ages:

- A. Prehistoric times
- B. Ancient times
- C. Medieval times
- D. The Renaissance
- E. Modern times

II. Healthcare industry trends:

- A. Aging population
- B. Wellness and prevention
- C. Complementary therapies
- D. Healthcare specialization

III. Professionalism in healthcare:

- A. Assertive behavior
- B. Positive attitude
- C. Professional dress
- D. Self-confidence
- E. Dependability.
- F. Interest in learning
- G. Initiative

IV. Law:

- A. Types of
- B. Liability and negligence
- C. Protecting patients' rights
- D. Confidentiality and the HIPAA
- E. Privacy

V. Ethics:

- A. Ethical principles
- B. Medical ethics.
- C. Ethical decision making
- D. Cultural diversity in healthcare

VI. Presentations:

- A. Presentation software choices
- B. Oral presentation techniques

VII. Overview of healthcare careers:

- A. Medical-surgical patient care
 - 1. Medical Assistant.
 - 2. Surgical Technologist.
 - 3. Physician Assistant.
- B. Laboratory and pharmacy services:
 - 1. Clinical Lab Technologist.
 - 2. Clinical Lab Technician.
 - 3. Laboratory Assistant.
 - 4. Pharmacist.
 - 5. Pharmacy Technician.
 - 6. Phlebotomist.
- C. Diagnostic and therapeutic imaging services:
 - 1. Echocardiographer.
 - 2. Cardiovascular Technologist.
 - 3. Sonographers.
- D. Radiologic Technologist/Radiographer.
 - 1. Nuclear Medicine Technologist.

2. Magnetic Resonance Imaging (MRI).
3. Computerized Tomography (CT).
- E. Health Information and Administration:
 1. Health Information Technician.
 2. Health Information Coder.
 3. Medical Transcriptionist.
 4. Healthcare Interpreter.
- VIII. Introduction to anatomy and physiology:
 - A. Organs and systems
 - B. Cavities and regions
 - C. Basic anatomy and physiology:
 1. Cardiac system.
 2. Nervous system.
 - D. Cardiac disease and conditions:
 1. Physiology
 2. Prevention
 3. Management

Assignment:

1. Read 15-30 pages from text per week.
2. Complete 2-5 related medical terminology and medical abbreviation exercises.
3. Disease-focused group project: Conduct research on cardiovascular disease and associated conditions that increase risk. Write a 3-5 page paper describing a current community health issue in Sonoma County related to cardiovascular disease, prevention possibilities, and health resources. Present research on relevant community health issue in class.
4. Complete 2-5 quizzes & exams.
5. Complete pre/post surveys.

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Group research project.

Writing
10 - 20%

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Medical terminology and medical abbreviation worksheets and group research project presentation.

Problem solving
15 - 30%

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Application of community needs assessment concepts.

Skill Demonstrations
5 - 10%

Exams: All forms of formal testing, other than skill performance exams.

Quizzes, exams.

Exams
20 - 30%

Other: Includes any assessment tools that do not logically fit into the above categories.

Class participation and attendance.

Other Category
10 - 25%

Representative Textbooks and Materials:

Introduction to Health Care and Careers, Roxann DeLaet, R., 2012