

Perris Union High School District Course of Study

A. COURSE INFORMATION

Course Title: <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Introduction to Medical Professions</div> <input checked="" type="checkbox"/> New <input type="checkbox"/> Revised	Subject Area: <input type="checkbox"/> Social Science <input type="checkbox"/> English <input type="checkbox"/> Mathematics <input type="checkbox"/> Laboratory Science <input type="checkbox"/> World Languages <input type="checkbox"/> Visual or Performing Arts <input type="checkbox"/> College Prep Elective <input checked="" type="checkbox"/> Other	Grade Level <input type="checkbox"/> MS <input type="checkbox"/> HS <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
If revised previous course name if changed <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	Is this classified as a Career Technical Education course? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Transcript Course Code/Number: <div style="border: 1px solid black; height: 20px; width: 100%;"></div> (To be assigned by Educational Services)		
Required for Graduation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Credential Required to teach this course: <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <i>Health Science & Medical Technology</i> <i>Designated Subjects: Career Technical Education.</i> <i>To be completed by Human Resources only.</i> </div> <div style="border: 1px solid black; padding: 5px; display: flex; justify-content: space-between;"> <div style="text-align: center;"> Signature </div> <div style="text-align: center;"> 4/2/18 Date </div> </div>	
Meets UC/CSU Requirements? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Was this course <i>previously approved by UC</i> for PUHSD? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Will be verified by Ed Services)	Meets "Honors" Requirements? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Meets "AP" Requirements? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Value/Length of Course: <input type="checkbox"/> 0.5 (half year or semester equivalent) <input checked="" type="checkbox"/> 1.0 (one year equivalent) <input type="checkbox"/> 2.0 (two year equivalent) <input type="checkbox"/> Other:	
Submitted by: Site: Date:		
Approvals	Name/Signature	Date
Director of Curriculum & Instruction		4/09/18
Asst. Superintendent of Educational Services		4/9/18
Governing Board		

COURSE OUTLINE

Course: 12729 Introduction to Medical Professions

CBEDS Title: Health Science Preparation

CBEDS Number: 4253

Job Title(s):

O'NET	JOB TITLES
29-9099.99	Healthcare Practitioner and Technical Worker
31-9099.99	Healthcare Support Worker
29-2099.99	Healthcare Practitioners and Technical Worker, All Other
29-2071.00	Medical Records and Health Information Technicians

Course Description:

This course is designed to provide students with an overall introduction to medical professions including legal and ethical responsibilities of a medical professional, measurements and mathematics applied in healthcare careers, body systems along with anatomy and physiology, and will assist students in developing a career plan. Emphasis is placed on the skills necessary to enter the health care field and exploration of the many different employment areas within healthcare.

Hours:

Classroom	180	Classroom	180
Community Site (CC)	<u>0</u>	Coop VocEd (CVE)	<u>0</u>
Total:	180	Total:	180

Prerequisites:

None

Date of Last Revision: April 13, 2016

Additional Course Information:

COURSE SEQUENCE: ALLIED HEALTH, EMR, SPORTS, MEDICINE, CNA, HOME HEALTH AID

Hours		
Class	CC	CVE

Occupational Competencies

--	--	--

1 INTRODUCTION

- A Identifies the personal qualifications, interests, aptitudes, knowledge, and skills of successful medical professionals.
- B Demonstrates an understanding of personal, professional, and educational requirements of this career field.
- C Demonstrates knowledge of policies, procedures, and regulations related to workplace health and safety.

--	--	--

2 HISTORY OF HEALTHCARE

- A Differentiates between early beliefs and current beliefs about the causes of disease and treatment.
- B Identifies ten major events in the history of healthcare.
- C Names six historic individuals and their contributions to healthcare.
- D Creates a timeline showing 20 top discoveries, explaining their rationale.
- E Identifies multiple trends or changes in healthcare.

--	--	--

3 HEALTHCARE SYSTEMS

- A Describes eight types of private health care facilities.
- B Analyzes three government agencies and services offered by each.
- C Describes three services offered by voluntary or non-profit agencies.
- D Compares basic principles of at least four different health insurance plans.
- E Explains the purpose of organizational structures in healthcare facilities.

--	--	--

4 CAREERS IN HEALTHCARE

- A Compares educational requirements for associate, bachelor and master degrees.
- B Contrasts certification, registration and licensure in five different career areas.
- C Describes multiple health careers including three duties, educational requirements and employment opportunities.
- D Interprets 10 abbreviations used to identify health career workers.

--	--	--

5 PERSONAL AND PROFESSIONAL QUALITIES OF A HEALTHCARE WORKER

- A Demonstrates the standards of the healthcare professional as applicable to uniforms, shoes, hair, nails and makeup.
- B Creates a characteristic profile of a healthcare workers' traits and attitudes.
- C Identifies four factors that interfere with communication; identifies the benefits of teamwork; and lists ways to identify, eliminate and reduce stress.

--	--	--

6 LEGAL AND ETHICAL RESPONSIBILITIES

- A Provides examples of malpractice, negligence, assault and battery, invasion of privacy, false imprisonment, abuse and defamation.
- B Describes privileged communication.
- C Defines HIPAA and how it provides confidentiality of information.
- D Lists six basic rules of ethics for healthcare professionals.
- E Lists six rights of the patient receiving healthcare.

--	--	--

7 MEDICAL TERMINOLOGY

- A Identifies basic medical abbreviations selected from a standard list.
- B Defines prefixes, suffixes and word roots selected from a list of words.
- C Spells and pronounces medical terms correctly.

Hours		
Class	CC	CVE

--	--	--

8 BODY SYSTEMS

- A Applies the appropriate terminology to major organs and systems of the human body.
- B Identifies the major functions of each body system, compares their inter-relationships, and describes basic diseases affecting each of the systems.
- C Outlines the basic structures and functions of cells, tissues, organs and systems of the body as they relate to homeostasis.
- D Explains directional terms, body planes, cavities, and regions.
- E Analyzes the interdependence of the body systems in relation to health and disease.
- F Identifies common medical terms relates to the systems of the body.

--	--	--

9 HUMAN GROWTH AND DEVELOPMENT

- A Identifies two physical, mental, emotional and social developments during each of the seven life stages and their affect on the individual's needs.
- B Explains the causes and treatments for eating disorders and chemical abuse.
- C Describes the five stages of grieving.
- D Creates examples for each of Maslow's Hierarchy of Needs.
- E Identifies methods used to prevent suicide and lists common warning signs.

--	--	--

10 NUTRITION AND DIETS

- A Defines the term nutrition and lists the effects of good and bad nutrition.
- B Names the six groups of essential nutrients and their functions and sources.
- C Differentiates between the processes of digestion, absorption and metabolism.
- D Creates a sample daily menu using the five major food groups and recommendations of My Pyramid.
- E Uses the body mass index to determine an individual's BMI.
- F Names, describes and explains the purposes of at least eight therapeutic diets.

--	--	--

11 CULTURAL DIVERSITY

- A Lists the four basic characteristics of culture.
- B Differentiates between culture, ethnicity, and race.
- C Identifies the major ethnic groups of the United States.
- D Creates an example of how a bias, prejudice or stereotype can cause a barrier to effective relationships and states five ways to avoid these.
- E Differentiates between a nuclear family and an extended family.
- F Identifies ways in which language, personal space, touching, eye contact, and gestures are affected by cultural diversity.
- G Compares and contrasts the diverse health beliefs of different ethnic/cultural groups.
- H Lists five ways healthcare providers can show respect for an individual's religious beliefs.

--	--	--

12 GERIATRIC CARE

- A Differentiates between the myths and facts of the six aspects of aging.
- B Identifies at least two physical changes of aging in each body system.
- C Demonstrates at least ten methods of providing care to the elderly individual.
- D Lists five factors that cause psychosocial changes of aging and methods to assist.
- E Justifies the importance of respecting cultural and religious differences.

--	--	--

13 PROMOTION OF SAFETY

- A Defines body mechanics and uses them correctly in the clinical area.
- B Observes safety standards established by OSHA including the Occupational Exposure to Hazardous Chemicals Standard and the Bloodborne Pathogen Standard.
- C Lists the four main classes of fire extinguishers.
- D Simulates the operation of a fire extinguisher.
- E Describes in detail an evacuation plan.

Hours		
Class	CC	CVE

--	--	--

14 INFECTION CONTROL

- A Identifies five classes of microorganisms by describing the characteristics of each.
- B Lists the six components of the Chain of Infection.
- C Differentiates between antiseptics, disinfection and sterilization.
- D Observes standard precautions.
- E Dons sterile gloves with no contamination.
- F Opens sterile packages and prepares a tray with no contamination.
- G Washes hands following aseptic technique.

--	--	--

15 VITAL SIGNS

- A Lists the four main vital signs.
- B Converts Fahrenheit to Celsius or vice versa.
- C Reads a clinical thermometer accurately.
- D Measures and records temperatures orally, rectally, axillary, tympanically, and temporally accurately.
- E Measures and records radial pulse to an accuracy within two beats per minute.
- F Counts and records respirations to an accuracy within one respiration per minute.
- G Measures and records apical pulse to an accuracy within two beats per minute.
- H Measures and records blood pressure to an accuracy within two mm of actual reading.
- I States the normal range for oral, axillary, and rectal temperature; pulse; respirations; and systolic and diastolic pressure.

--	--	--

16 EMERGENCY PROCEDURES AND PROTOCOLS

- A Demonstrates Cardio Pulmonary Resuscitation (CPR).
- B Describes first aid for multiple injuries and illnesses.
- C Applies dressings and bandages using multiple techniques.
- D Locates the evacuation plan for the classroom and demonstrates an orderly and effective evacuation.
- E Works with classmates to formulate a basic emergency plan for the class.
- F Completes the requirements for Heart Saver CPR and First Aid certifications.

--	--	--

17 PREPARING FOR THE WORLD OF WORK

- A Identifies at least five job keeping skills
- B Writes a cover letter.
- C Prepares a resume.
- D Completes a job application.
- E Demonstrates how to participate in a job interview.
- F Determines gross and net income.
- G Calculates an accurate budget for a one month period.

--	--	--

18 COMPUTER TECHNOLOGY IN HEALTHCARE

- A Identifies the three major components of a computer system.
- B Compares computer capabilities and limitations.
- C Describes computer applications currently being used in today's health care computer systems.
- D Searches the internet for information on a specific topic.
- E Identifies precautions that must be taken to maintain the confidentiality of patient information.
- F Differentiates between antivirus and firewall software.

Hours		
Class	CC	CVE

--	--	--

19 MEASUREMENT AND MEASUREMENT INSTRUMENTS

- A** Performs basic math calculations on whole numbers, decimals, fractions, percentages, and ratios.
- B** Converts between decimals, fractions, percentages and ratios. Rounds numbers correctly.
- C** Solves mathematical problems with proportions. Estimates angles from a reference plane. Uses household, metric and apothecary units.
- D** Expresses numbers using Roman numerals. Converts between Fahrenheit and Celsius.
- E** Recognizes basic principles of volume, weight and mass measurements and demonstrates knowledge of measurement instrumentation in health occupations.
- F** Practices measurements typically used in a healthcare setting.
- G** Identifies equipment used in medication administration; explains the difference between supply strength and dosage strength; and calculates oral doses for adult and pediatric patients using proportions.
- H** Expresses time using the 24 hour clock.

--	--	--

20 CAREER PLANNING

- A** Identifies personal qualification, interest, aptitudes, information and skills necessary to succeed in this career field.
- B** Demonstrates understanding of the importance of ethics, values, and laws as related to the work place.
- C** Develops a career plan that is designed to reflect career interest, pathways, and post-secondary educational options.
- D** Identifies important strategies for self-promotion in the hiring process such as job applications, resume writing, interviewing skills and preparation of a portfolio.

