

FOLSOM CORDOVA UNIFIED SCHOOL DISTRICT



Patient Care - Year 2

Board Approval Date:	Course Length: 2 Semesters
Grading: A-F	Credits: 5 Credits per Semester
Proposed Grade Level(s): 11, 12	Subject Area: Elective Elective Area (if applicable): Career Technical Education, IB Career Programme
Prerequisite(s): Completion of Patient Care Year 1 and approval by IB Coordinator	Corequisite(s): Recommended as part of the IB Career Programme
CTE Sector/Pathway: Health Science and Medical Technology Sector / Patient Care (#198)	
Intent to Pursue 'A-G' College Prep Status: Yes	
A-G Course Identifier: (g) College-preparatory elective	
Graduation Requirement: No	
Course Intent: Site Specific Program (if applicable): IB, CTE	

COURSE DESCRIPTION:

Patient Care Year 2 is the CTE capstone course in a two-course sequence for students enrolled in the IB Career Programme (CP). During this course of study, students will continue to explore healthcare careers and the healthcare system. The course will continue to provide students with a program of study focused on theory and technical skills in Allied Health, as well as employability and professional skills. This interdisciplinary CTE course will allow students to explore concepts within the Career Technical Education standards as well as academic subjects including the sciences, mathematics, English, and social science. Additionally, students will participate in the Career Technical Student Organization, HOSA-Future Health Professionals to develop leadership, teamwork, motivation, recognition and develop knowledge of careers in the healthcare industry.

DETAILED UNITS OF INSTRUCTION:

Unit Number/Title	Unit Essential Questions	Examples of Formative Assessments	Examples of Summative Assessment
1. Human Growth and Development	What are the physical, mental, emotional and social developments that occur during each of the seven main life stages? What are the causes and treatments for eating disorders and chemical abuse? What methods are used to prevent suicide? In what way do the life stages affect an individual's needs?	*Observations during lab *Classroom seminars, classroom activities *Tests: Selected response/open-ended response *Performance based tasks *Process journals *Career digital portfolio *Presentations *Case studies *Current events	*Seven life stages poster *Create an example for what a patient and/or family member might say and do during each of the five stages of death and dying *Completion of Youth Mental Health First Aid (industry certificate)
2. Nutrition and Diets	What is nutrition? How does the "My Pyramid" influence good nutrition? Explain the purposes of at least eight therapeutic diets.	*Observations during lab *Classroom seminars, classroom activities *Tests: Selected response/open-ended response *Performance based tasks *Process journals *Career digital portfolio *Presentations *Case studies *Current event	*Diet brochure detailing the following: the six essential nutrients and the main function of each, differentiate between digestion, absorption and metabolism, define BMR (Basal Metabolic Rate), differentiate between overweight and obesity and list six conditions that can develop as a result of obesity. *On-demand writing prompt: Identify the type of therapeutic diet that may be ordered for patients with the following conditions (gallbladder or liver disease, diabetes mellitus, hypertension or heart disease, ulcers, colitis, diseases of the digestive tract, pregnant or lactating women, severe nausea, vomiting and/or diarrhea).

3. Medical Language for Health-Care Providers	What is the basic structure of a medical term? What is the medical vocabulary applicable to the specialties of medicine, the systems of the body, and names of major diseases?	*Observations during lab *Classroom seminars, classroom activities *Tests: Selected response/open-ended response *Performance based tasks *Process journals *Career digital portfolio *Presentations *Case studies *Current event	*Medical terminology test
4. Computer Technology in Health-Care	What are the three major components of a computer system? How are computer applications currently being used in today's health-care computer systems? How do you differentiate between antivirus and firewall software? Explain how each helps to provide computer security.	*Observations during lab *Classroom seminars, classroom activities *Tests: Selected response/open-ended response *Performance based tasks *Process journals *Career digital portfolio *Presentations *Case studies *Current event	*Computer literacy presentation which will include: differentiate between hardware and software. *Five examples of input devices and examples of output devices. *Main uses of diagnostic technology: Computerized Tomography (CT) Magnetic Resonance Imaging (MRI) positron emission tomography (PET) Ultrasonography.
5. Infection Control and Vital Signs	What are the primary classes of microorganisms based on their characteristics? What are the six components of the chain of infection? What are the proper procedures for sterilization of equipment? What are the different types of personal protective equipment and how are each of them utilized? What are the four primary vital signs, how are they measured and interpreted?	*Observations during laboratory investigations *Classroom seminars *Classroom activities *Tests - selected response *Open-ended response *Performance based tasks *Process journals *Career digital portfolio *Presentations *Case studies *Current events	*Students will work in epidemiological response teams to control a major infectious disease. *The assessment includes observation of students during the activity; monitoring of discussion questions; grading of epidemiological investigation handouts and a course of action report. *Lab practical test: Students must demonstrate the ability to accurately measure and interpret vital signs on

			human and/or simulated subjects.
6. Special Health Care Skills	What does a dental assistant do? What does a laboratory assistant do? What does a medical assistant do? What does a nurse do? What does a physical therapist do? What does a medical billing technician do?	*Observations during lab *Classroom seminars, classroom activities *Tests: Selected response/open-ended response *Performance based tasks *Process journals *Career digital portfolio *Presentations *Case studies *Current event	*Name all structures and tissues of a tooth *Operate a microscope and identify its parts *Puncture skin to obtain blood *Test for blood type *Stain a bacterial slide *Screen for vision problems *Metric conversions and drug dosing concentration *Move and turn a patient in bed with correct mechanics *Perform range of motion exercises *Complete basic insurance forms *Complete registration history records

ESSENTIAL STANDARDS:

Patient Care Pathway Standards <https://www.cde.ca.gov/ci/ct/sf/documents/healthmedical.pdf> (pages 11-13)

B1.0 Recognize the integrated systems approach to health care delivery services: prevention, diagnosis, pathology, and treatment.

B2.0 Understand the basic structure and function of the human body and relate normal function to common disorders.

B3.0 Know how to apply mathematical computations used in health care delivery system.

B4.0 Recognize and practice components of an intake assessment relevant to patient care.

B5.0 Know the definition, spelling, pronunciation, and use of appropriate terminology in the health care setting.

B6.0 Communicate procedures and goals to patients using various communication strategies to respond to questions and concerns.

B7.0 Apply observation techniques to detect changes in the health status of patients.

B9.0 Implement wellness strategies for the prevention of injury and disease.

B10.0 Comply with protocols and preventative health practices necessary to maintain a safe and healthy environment for patients, health care workers, coworkers, and self within the health care setting

B13.0 Research factors that define cultural differences between and among different ethnic, racial, and cultural groups and special populations.

RELEVANT STANDARDS AND FRAMEWORKS, CONTENT/PROGRAM SPECIFIC STANDARDS:

Link to Common Core Standards (if applicable):

Educational standards describe what students should know and be able to do in each subject in each grade. In California, the State Board of Education decides on the standards for all students, from kindergarten through high school.

<https://www.cde.ca.gov/be/st/ss/documents/finalelaccsstandards.pdf>

Link to Framework (if applicable):

Curriculum frameworks provide guidance for implementing the content standards adopted by the State Board of Education (SBE). Frameworks are developed by the Instructional Quality Commission, formerly known as the Curriculum Development and Supplemental Materials Commission, which reviews and recommends textbooks and other instructional materials to be adopted by the SBE.

Link to Subject Area Content Standards (if applicable):

Content standards were designed to encourage the highest achievement of every student, by defining the knowledge, concepts, and skills that students should acquire at each grade level.

<https://www.cde.ca.gov/ci/ct/sf/documents/ctescrpflyer.pdf>

Link to Program Content Area Standards (if applicable):

Program Content Area Standards applies to programs such as International Baccalaureate, Advanced Placement, Career and Technical Education, etc.

<https://www.cde.ca.gov/ci/ct/sf/documents/healthmedical.pdf> (pages 6-8)

TEXTBOOKS AND RESOURCE MATERIALS:

Textbooks

Board Approved	Pilot Completion Date (If applicable)	Textbook Title	Author(s)	Publisher	Edition	Date
		<i>Diversified Health Occupations</i>	Louise Simmers Karen Simmers-Nartker Sharon Simmers-Kobelak	Delmar Cengage Learning	7th and 8th	

Other Resource Materials

HOSA's Handbook and e-Magazine California Career Zone (online)

California Career Resource Network (CDE) Job Hunting Handbook, Dahlstrom & Company, Inc.

Instructor created materials
Various online source materials. Students must have computer access for MS Office Suites, Adobe, and online resources

Supplemental Materials

Board approved supplemental materials (Including but not limited to: Film Clips, Digital Resources, Supplemental texts, DVDs, programs).

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