



Canyon Springs High School

Learning is Priority 1



Syllabus: Advanced Concepts for the Medical Profession

Sharon Scott, HCA Director
Sscott1@mvusd.net

Advance Concepts for the Medical Profession is the capstone health careers core course for students in the Academy, incorporating relevant health careers standards coupled with a rigorous interdisciplinary academic program. The Academy's educational and health care partners offer career-specific internship and volunteer opportunities. Students in this course provide leadership for many community service projects managed by the Academy, building résumés that open doors whether they want to go directly to work or continue their career preparation at an adult skill center, community college, or university.

Textbooks: Ehrlich, A. & Schroeder, C. L. (2001). *Medical Terminology for Health Professions*. (5th ed.). New York: Delmar.
Simmers, L. (2004). *Diversified Health Occupations*. (6th ed.). New York: Delmar.
Sugarman, J. (2000). *20 Common problems—Ethics in primary care*. New York: McGraw-Hill.
Tampara, Carol D. and Lindh, Wilburta Q (2008) *Therapeutic Communication for Health Care* (3rd Edition) Delmar Learning

Career Performance Standards:

1. Personal Skills: Students will understand how personal skill development affects their employability. They will exhibit positive attitudes, self-confidence, honesty, perseverance, self-discipline, and personal hygiene. They will manage time and balance priorities as well as demonstrate a capacity for lifelong learning.

2. Interpersonal Skills: Students will understand key concepts in group dynamics, conflict resolution, and negotiation. They will work cooperatively, share responsibilities, accept supervision, and assume leadership roles. They will demonstrate cooperative working relationships across gender and cultural groups.

3. Thinking and Problem-Solving Skills: Students will exhibit critical and creative thinking skills, logical reasoning, and problem solving. They will apply numerical estimation, measurement, and calculation, as appropriate. They will recognize problem situations; identify, locate, and organize needed information or data; and propose, evaluate, and select from alternative solutions.

4. Communication Skills: Students will understand principles of effective communication. They will communicate both orally and

in writing. They will listen attentively and follow instructions, requesting clarification or additional information as needed.

5. Occupational Safety: Students will understand occupational safety issues, including the avoidance of physical hazards in the work environment. They will operate equipment safely so as not to endanger themselves or others. They will demonstrate proper handling of hazardous materials.

6. Employment Literacy: Students will understand career paths and strategies for obtaining employment within their chosen fields. They will assume responsibility for professional growth. They will understand and promote the role of their field within a productive society, including the purposes of professional organizations.

7. Technology Literacy: Students will understand and adapt to changing technology by identifying, learning, and applying new skills to improve job performance. They will effectively employ technologies relevant to their fields.

Course Objectives:

1. Socioeconomics: Students will evaluate integrated delivery systems, alternative care, reimbursement, and cost systems and how these processes affect health care delivery. They will compare systems in relation to the services performed by the health care worker and provide conclusions on the consequent quality of care.

2. Advanced Growth and Development: Students will synthesize knowledge related to specific diseases of human body systems. They will categorize treatment protocols as determined by stages of growth and development.

3. Safety: Students will evaluate potential hazards to patients, health care workers, and co-workers within the health care setting. They will take appropriate steps to prevent injury or illness through safe work practices and adherence to health and safety policies and procedures.

4. Communication and Decision Making: Students will understand the roles and responsibilities of individual members as part of the health care team, including their ability to effect change to promote the delivery of quality health care. They will identify leadership characteristics associated with different aspects of health care delivery systems. They will design, redesign, and participate in a variety of work groups and show sensitivity when they interact with people.

5. Ethical Frameworks: Students will analyze principles of accepted ethical frameworks with respect to cultural, ethnic, and social differences within the health care community. They will examine the impact and implications of these frameworks on quality health care.

6. Legal Responsibilities: Students will analyze issues of accountability and legal responsibilities of health care workers in relation to negligence, malpractice, medical economics, laws, regulations, and the legislated rights of patients. Other topics introduced will be advance directive, informed consent, Power of Attorney, Patient's Bill of Rights, and labor laws. Students will conduct themselves in a professional manner within legal boundaries, maintaining confidentiality at all times.

7. Career Planning: Students will evaluate health career responsibilities, benefits, and requirements for education and experience at the technical and professional levels. They will assume responsibility for professional growth through exploration of the workplace and membership in professional associations to confirm their health career selection.

8. Health Maintenance: Students will evaluate various preventive health care practices and determine how they contribute to quality of life.

Partners

- Arc Riverside ● Loma Linda University ● Moreno Valley Community Hospital ● Moreno Valley Unified School District ●
- Parkview Community Hospital ● Riverside Community College ● Riverside County Office of Education, ROP ●
- Riverside County Regional Medical Center ● University of California, Riverside ●

Syllabus: HCA Tech 3

Course Outline:

- 1) **Socioeconomics**
 - a) Integrated delivery systems
 - b) Alternative care
 - c) Reimbursement and cost systems
 - d) Effects on health care delivery
 - e) Comparison of systems in relation to services performed by health care workers
- 2) **Advanced Growth and Development**
 - a) Common diseases/disorders of human body systems
 - b) Treatment protocols according to stages of growth and development
- 3) **Safety**
 - a) Hazards to patients, health care workers, and co-workers
 - b) Injury/illness prevention
 - i) Safe work practices
 - ii) Health and safety policies and procedures
 - iii) Universal precautions
- 4) **Communication and Decision Making**
 - a) Roles and responsibilities of individual members as part of the health care team
 - b) Ability to effect change to promote the delivery of quality health care
 - c) Leadership characteristics
 - d) Workgroups
 - e) Sensitivity
- 5) **Ethical Frameworks**
 - a) Principles of accepted ethical frameworks
 - b) Cultural differences
 - i) Ethnic differences
 - ii) Social differences
- 6) **Legal Responsibilities**
 - a) Accountability and legal responsibilities
 - i) Negligence
 - ii) Malpractice
 - iii) Medical economics
 - b) Laws, regulations, and legislated rights of patients
 - c) Confidentiality
 - d) Advance Directive
 - e) Power of Attorney
 - f) Labor Laws
- 7) **Career Planning**
 - a) Health career responsibilities and benefits
 - b) Requirements for education and experience at the technical and professional levels
 - i) Professional growth
 - ii) Workplace exploration
 - c) Professional associations
- 8) **Health Maintenance**
 - a) Preventive health care practices
 - i) Quality of life
 - ii) Economic impact on society
- 9) **Medical Terminology:**
 - a) Cardiovascular System
 - b) Respiratory System
 - c) Endocrine System
 - d) Nervous System

Requirements and Evaluation:

Grading is designed to assess student progress toward Career Performance Standards and Course Objectives. Assignments, projects, and participation count 67% of the total course grade. Unit tests and the final exam count 33%. Percentages to calculate standard letter grades are determined by points earned toward a stated goal for each assignment and project:

A+	98% - 100%	B+	88% - 89%	C+	78% - 79%	D+	68% - 69%	F	0% - 59%
A	93% - 97%	B	83% - 87%	C	73% - 77%	D	63% - 67%		
A-	90% - 92%	B-	80% - 82%	C-	70% - 72%	D-	60% - 62%		

“APA Style” is the standard for scientific publication. Therefore, student papers will conform to the current publication standards of the American Psychological Association. Specific instruction in APA Style will be given according to the latest *Publication Manual of the American Psychological Association*.

The nature of this course is such that students cannot simply do a worksheet for make-up when absent—consistent attendance is essential. Guest speakers, field trips, community service, and student presentations are critical components of the course and related assignments cannot be made up. Attendance is also an indicator of critical employability attributes such as dependability and reliability.

The school’s requirement is that students notify the Attendance Office to clear an absence; likewise, clearing an absence through the Attendance Office does not excuse the absence with respect to participation for this class. Students must notify the HCA directly, just as they would an employer.

Classroom Policy:

In order to ensure an enjoyable and productive classroom environment, students are expected to abide by the Campus Behavior Rules as detailed in the *Parent and Student Handbook* and the terms of your Health Careers Academy *Contract*. In general, students are expected to behave in a manner appropriate to high-school-age students in a program designed and funded for their benefit.

Treat everyone with a sense of respect and you will deserve to be treated with respect yourself.

The Academy team—teachers, counselor, and administrator—meet regularly to evaluate student progress and intervene in the event of academic, attendance, and/or behavior problems. A student may be placed on HCA probation for repeated or serious violations. Unsuccessful probation may result in dismissal from the Academy. Academic honesty is required: cheating and/or plagiarism will result in failure of the assignment and HCA probation.

Be seated before the tardy bell rings: school tardy policy will be enforced. Cell phones and other electronic communication devices are to be turned off in the classroom. Passes will be issued at the discretion of the instructor and only if the student presents a valid CSHS ID. Students are to remain seated until dismissed by the instructor.

<p>Sign and date <i>and</i> have your parent or guardian sign and date the accompanying verification form and turn it in to your HCA Tech 3 instructor on or before the announced deadline.</p>
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