Health Career Exploration

This class will provide students with work experience opportunities in each of the five career pathways. Work experience is developed to provide a rotational clinical/shadowing experience for students at a variety of settings. The work experience may be paid or unpaid. Goals are typically set cooperatively by the student, teacher, and employer. This course may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace as well as incorporating project- and problem-based healthcare practices and procedures to demonstrate the criticality of these knowledge and skills.

Campus High School Health Science Education
Secondary Health Science Program Competency Profile

CIP Code: 51.9999
Health Career Exploration

Common Course Code: 14002G1.0011

Rating Scale: **3 Skilled- Works Independently**
2 Limited Skills- Requires Assistance
1 Skill Undeveloped
0 No exposure- No instruction or training

Student:	Grade:
Teacher:	School:
Enrolled Date:	Completion Date: Graduation Date:
Student Signature	Teacher Signature

Directions: *The following competencies are required for full approval of a course in a Health Science Education Program. Check the appropriate number to indicate the level of competency reached for student evaluation.*

Academics

	Benchmark: Health care will know the academic subject matter required for proficiency within their area. They will use this knowledge as needed in their role. In addition to state high school graduation requirements, the following are included:	3	2	1	0
1.1	**Human Structure and Function**				
1.12	Compare relationships among cells, tissues, organs, and systems				
1.14	Analyze the interdependence of the body systems as they relate to wellness, disease, disorders, therapies, and care rehabilitation				
1.2	**Disease and Disorders**				
1.21	Compare selected diseases/disorders including respective classification(s), causes, diagnoses, therapies, and care/rehabilitation to include biotechnological applications				
1.22	Analyze methods to control the spread of pathogenic microorganisms				
1.23	Contrast various types of immunities				
1.24	Analyze body system changes in light of diseases, disorders, and wellness				
1.25	Compare the aging process of body systems				
1.26	Investigates biomedical therapies as they relate to the prevention, pathology, and treatment of disease				
1.27	Discuss complementary/alternative health practices as they relate to the prevention and treatment of disease				
1.3	**Medical Mathematics**				
1.31	Apply mathematical computations related to healthcare procedures				
1.32	Apply mathematical principles to conversion equations used in the healthcare delivery system				
1.33	Apply mathematical principles involving temperature, weights, and measures used in the healthcare delivery system				
1.34	Apply mathematical principles to problems involving dosage calculations and other applied mathematical concept				
1.35	Analyze diagrams, charts, graphs and tables to interpret healthcare results				

Communications

Benchmark: Health care workers will know the various methods for giving and obtaining information. They will communicate effectively, both orally and in writing.		3	2	1	0
2.1	**Concepts of Effective Communication**				
2.11	Reorganize and adjust communication to other's ability to understand by recognizing the barriers of communication				
2.12	Identify the elements of communication using the send-receiver model.				
2.13	Apply active listening skills using reflection, restatement, and clarification techniques				
2.14	Demonstrate courtesy to others including self introduction				
2.15	Identify and interpret verbal and non-verbal behaviors to augment communication				
2.16	Demonstrate interviewing skills				
2.17	Identify communication styles based on various healthcare scenarios				
2.2	**Written Communication Skills**				
2.21	Report relevant information in order of occurrence				
2.22	Distinguish between subjective and objective information and demonstrate each				
2.23	Analyze communications for appropriate response and provide feedback				
2.24	Recognize, organize, write and compile technical information and summaries				
2.25	Use medical terminology to communicate information, data and observations				
2.26	Use medical terminology within a scope of practice in order to interpret, transcribe and communicate information, data and observations				

Foundation Standard 3: Systems

Benchmark: Health care workers will understand how their role fits into their department, their organization and the overall health care environment. They will identify how key systems affect services they perform and quality of care.		3	2	1	0
3.1	**Systems Theory**				
3.12	Construct a general systems model using inputs, throughputs, and a feedback loop				
3.2	**Health Care Delivery System**				
3.22	Predict where and how factors such as: cost, managed care, technology, an aging population, access to care, alternative therapies, and lifestyle/behavior changes may affect various health care delivery system models				
3.23	Project outcomes as interconnected components of a modified health care system				
3.24	Calculate the cost effectiveness of two separate health care delivery systems using the same client procedure				
3.3	**Health Care Delivery System Results**				
3.31	Summarize the Diagram the interdependence of health care professions within a given health care delivery system and pertaining to the delivery of quality health care				
3.32	Design a system analysis process that evaluates the following outcomes; client satisfaction, productivity, cost effectiveness, and efficiency				
3.34	Interpret the various roles of healthcare providers and clients within the healthcare system				
3.33	Evaluate the impact of enhanced technology on the health care delivery system				
3.4	**System Change**				
3.41	Analyze the cause and effect on health care system change based on the influence of: technology, epidemiology, bio-ethics, socio-economics, and various forms of complimentary (non-traditional) medicine				

Employability Skills

Benchmark: Health care workers will understand how employability skills enhance their employment opportunities and job satisfaction. They will demonstrate key employability skills and will maintain and upgrade skills, as needed.		3	2	1	0
4.1	**Key Employability Skills**				
4.11	Adapt to the dynamics of change				
4.12	Adopt personal appearance and hygiene habits appropriate to the health care environment and industry expectations				
4.13	Practice personal integrity and honesty				
4.14	Evaluate work assignments and initiate action with confidence commensurate with work assignment				
4.15	Formulate solutions to problems using critical thinking skills (analyze, synthesize, evaluate) independently and in teams				
4.16	Interact appropriately and respectfully with diverse ethnic, age, cultural, religious, and economic groups in various employment and social situations				
4.17	Exhibit respectful and empathetic behavior when interacting with peers, superiors, subordinates and customers in one-on-one group situations				
4.18	Follow attendance policies of the employer or educational institution				
4.19	Accept responsibility for own actions				
4.2	**Interpersonal Communications**				
4.21	Communicate in a straightforward, understandable, accurate, and timely manner				
4.22	Listen attentively to verbal instruction, requests, and other information to verify accuracy				
4.23	Provide written communication that is accurate and grammatically correct, using nomenclature appropriate to the environment				
4.24	Interpret technical materials used for health care practices and procedures				
4.3	**Personal Growth and Development**				
4.31	Engage in continuous self-assessment and goals modification for personal and professional growth				
4.32	Manage time, prioritize responsibilities, and meet completion dates as specific by employer and client				
4.33	Show enthusiasm and commitment by meeting expectations and priorities of the organization				
4.4	**Career Decision-making**				
4.41	Explore a potential health science career path in at least one of the following health care services: diagnostic, therapeutic, support service, health informatics, or biotechnology research and development.				
4.42	Consider levels of education, credentialing requirements, employment opportunities, workplace environments, and career growth potential for a service area				

Legal Responsibilities

Benchmark: Health care workers will understand the legal responsibilities, limitations, and implications of their actions within the health care delivery setting. They will perform their duties according to regulations, policies, laws and legislated rights of clients		3	2	1	0
5.1	**Legal Implications**				
5.11	Analyze legal responsibilities, limitations, and implications of actions				
5.12	Use problem solving techniques when confronted with legal dilemmas or issues				
5.13	Compare and contrast behaviors and practices that could result in malpractices, liability, or negligence				
5.14	Comply with policies and requirements for documentation and record keeping				
5.15	Comply with established risk management criteria and procedures				
5.16	Determine when an incident is reportable				
5.17	Comply with non-discriminatory laws				
5.18	Comply with institutional policy and procedure				
5.2	**Legal Practices**				
5.21	Perform duties according to regulations, policies, laws and legislated rights of clients				
5.22	Maintain clients rights according to the Patients' Bill of Rights				
5.23	Maintain confidentiality				
5.24	Practice within licensure, certification, registration, and legislated scope of practice				
5.25	Apply the doctrine of informed consent				
5.26	Evaluate technological threats to confidentiality				
5.27	Follow mandated standards for workplace safety, i.e., OSHA, CDC, CLIA				
5.28	Apply mandated standards for harassment, labor, and employment laws				

Ethics

Benchmark: Health care workers will understand accepted ethical practices with respect to cultural, social, and ethnic differences within the health care environment. They will perform quality health care delivery.		3	2	1	0
6.1	**Legal and Ethical Boundaries**				
6.13	Contrast personal, professional, and organizational ethics				
6.14	Analyze legal and ethical aspects of confidentiality				
6.15	Discuss bio-ethical issues related to health care				
6.2	**Ethical Practice**				
6.21	Demonstrate professionalism, including honesty and integrity, when interacting with fellow students, co-workers, and other members of the health care setting.				
6.22	Respect interdisciplinary roles of team members				
6.23	Report activities and behaviors by self and others that adversely affect the health, safety, or welfare of students, clients, or co-workers				
6.24	Demonstrate fairness and equal treatment of all persons				
6.25	Practice responsibility within the ethical framework of the Patients' Bill of Rights				
6.26	Value clients independence and determination				
6.3	**Cultural, Social, and Ethnic Diversity**				
6.31	Discuss the impact of religions and cultures on those giving and receiving health care with an understanding of past and present events				
6.32	Demonstrate respect of individual cultural, social, and ethnic diversity within the health care environment				

Safety Practices

Benchmark: Health care workers will understand the existing and potential hazards to clients, co-workers, and self. They will prevent injury or illness through safe work practices and follow health and safety policies and procedures		3	2	1	0
7.1	**Infection Control**				
7.11	Practice infection control procedures including standard precautions				
7.12	Practice appropriate cleaning, disinfecting, and sterilizing processes for controlling the growth of microorganisms				
7.13	Contrast medical and surgical asepsis				
7.2	**Personal safety**				
7.21	Manage a personal exposure incident in compliance with OSHA regulations and CDC regulations				
7.22	Apply principles of body mechanics and ergonomics				
7.23	Use personal protective equipment as appropriate to the environment				
7.3	**Environmental Safety**				
7.31	Evaluate and modify the environment to create and maintain safe working conditions				
7.32	Demonstrate methods of fire prevention in the health care setting				
7.33	Prevent accidents by using proper safety techniques for the prevention of accidents				
7.4	**Common Safety Hazards**				
7.41	Use Materials Safety Data Sheets (MSDS)				
7.42	Adhere to hazardous labeling requirements				
7.43	Comply with safety signs, symbols, and labels				
7.44	Take appropriate action when observing a hazardous material problem				
7.45	Apply safety principles within given environments				
7.46	Handle hazardous chemicals commonly used in the health care environment in an appropriate manner				
7.5	**Emergency Procedures and Protocols**				
7.51	Interpret the evacuation plan for the health care setting				
7.52	Follow the facility procedures for and all other emergencies				
7.53	Follow the facility procedure when a fire is discovered				

Teamwork

Benchmark: Health care workers will understand the roles and responsibilities of individual members as part of the healthcare team, including their ability to promote the delivery of quality health care. They will interact effectively and sensitively with all members of the health care team.		3	2	1	0
8.1	**Health Care Teams**				
8.11	Apply the team concept in providing quality patient care				
8.12	Recognize characteristics of effective teams				
8.13	Analyze roles of various team participants				
8.14	Respond to given critical situations appropriately as a member of a team				
8.15	Accept compromise as necessary to ensure a best outcome				
8.2	**Team Member Participation**				
8.21	Communicate verbally and non-verbally with team colleagues to assure a best result for the client				
8.22	Collaborate with others to formulate team objectives				
8.23	Act responsibly as a team member, completing assigned tasks in a timely and effective manner				
8.24	Actively listen to other team members				
8.25	Exercise leadership skills as appropriate				
8.26	Respect and value the expertise and contributions of all team members				
8.27	Work collaboratively with persons form diverse backgrounds to accomplish a common goal				
8.28	Apply corrective action to an acknowledged conflict situation				
8.29	Exhibit a strong sense of team identity and commitment to purpose				

Health Maintenance Practices

Benchmark: Health care workers will understand the fundamentals of wellness and the prevention of disease processes. They will practice preventive health behaviors among the clients.		3	2	1	0
9.1	**Healthy Behaviors**				
9.11	Apply behaviors that promote health and wellness				
9.12	Advocate available preventive health screening and examinations				
9.13	Use practices that promote the prevention of disease and injury				
9.14	Use appropriate safety practices as related to high-risk behaviors				
9.15	Discuss complementary/alternative health practices as they relate to wellness and disease prevention.				

Technical Skills

Benchmark: Health care workers will apply technical skills required for all career specialties. They will demonstrate skills and knowledge as appropriate.		3	2	1	0
10.1	**Occupational Safety**				
10.11	Apply Standard Precautions as described in the rules and regulations set forth by the Occupational Safety and Health Administration (OSHA)				
10.12	Demonstrate safety procedures to protect clients, co-workers, and self				
10.13	Obtain Cardiopulmonary Resuscitation (CPR) certification Automated External Defribrillator (AED)				
10.14	Apply skills to obtain training or certification in First Aid and Foreign Body airway Obstruction (FBAO)				

Information Technology Applications

Benchmark: Health care workers will use information technology applications required within all career specialties. They will demonstrate use as appropriate to health care applications.		3	2	1	0
11.1	**Communication Technology Health Information Management**				
11.12	Execute data management using electronic healthcare records				
11.13	Interpret information from electronic medical documents				
11.14	Understand the content and diverse uses of health information				
11.2	**Information Technology**				
11.11	Organize records and files to maintain data as required				
11.12	Use communication technology (Fax, E-mail, Internet) to access and distribute data and other information.				
11.22	Execute the use of software, hardware, and the internet				
11.23	Recognize computer application currently being used in today's healthcare setting				