

HEALTH SCIENCE 2
COURSE CODE: 5551
STUDENT PROFILE

STUDENT'S NAME:	TEACHER'S NAME:
School Year/Semester:	Grade:
Begin Date:	Date Completed:

Directions: Document student's progress using the applicable rating scales below: Enter date of completion under the appropriate column.

0 - Has not received instruction in this area / **no experience or knowledge of this task (N/A)**

1 – Can apply and perform **independently (80-100)**

2 – Can perform the task completely with **limited supervision (70-79)**

3 – Requires additional instruction and or **close supervision (60-69)**

FOUNDATION STANDARDS 1: ACADEMIC FOUNDATION		0	1	2	3
1	Demonstrate the ability to analyze diagrams, charts, graphs, and tables to interpret healthcare results.				
2	Demonstrate competency in basic math skills and conversions as they relate to healthcare. a. The Metric System, i.e. centi-, milli-, deci-, micro-, and kilo. b. Mathematical (average, ratios, fractions, percentages, addition, subtraction, multiplication, division). c. Conversions (height, weight/mass, length, volume, temperature, household measurements) d. Math to determine vital sign applications and basic pharmacology equations				
3	Identify basic levels of organization of the human body. a. Identify the major human body systems, their basic function and associated diseases. b. Identify directions and planes of the body.				
4	Describe biomedical therapies as they relate to the prevention, pathology, and treatment of disease.				
FOUNDATION STANDARD 2: COMMUNICATIONS		0	1	2	3
1	Distinguish subjective and objective information.				
2	Recognize and interpret elements of written and electronic communication.				
3	Prepare examples of technical, informative and creative writing.				
4	Document, report, and communicate in a straightforward, understandable, accurate, and timely manner.				
5	Apply and practice active speaking and listening skills.				
6	Identify and adapt communication styles to accommodate common barriers to communication in healthcare. a. Physical Disabilities				

	b. Psychological barriers				
7	Modify communication to meet the needs of the patient/client and be appropriate to the situation.				
8	Describe appropriate interactions with patients throughout various stages of psychosocial development.				
9	Interpret common medical abbreviations to communicate information.				
10	Demonstrate appropriate use of digital communication in a work environment, such as email, text, and social media.				
FOUNDATION STANDARD 3: SYSTEMS		0	1	2	3
1	Explain factors influencing healthcare delivery systems such as Affordable Care Act and aging populations.				
2	Discuss common methods of payment for healthcare. a. Private health insurance plans b. Managed Care c. Government programs d. Affordable Care Act (ACA)				
3	Analyze healthcare economics and related terms. a. The history and role of health insurance and employer/employee benefits b. Fundamental terms related to health insurance				
4	Examine the healthcare consumer's rights and responsibilities within the healthcare system. a. Self-advocacy b. Compliance c. Patient's Bill of Rights				
5	Assess and explain the impact of emerging issues such as technology, epidemiology, genetics, bioethics, and socioeconomics on healthcare delivery systems.				
FOUNDATION STANDARD 4: EMPLOYABILITY SKILLS		0	1	2	3
1	Participate in job-based scenarios (role play, case studies, job shadowing) for application of personal traits, attitudes, and employability skills desirable in a member of the healthcare team. (such as: dealing with the tardy employee, satisfying the unhappy patient, conflict resolution with a fellow team member). a. Demonstrate process and strategies for obtaining and retaining employment, (proper use of social media, personal networking, soft skills, job sites, internships). b. Develop and expand components of a personal portfolio (letter of introduction, resume, healthcare project, writing sample, work-based learning, oral presentation, service learning, credentials, technology, and leadership experience). c. Showcase personal traits, attitudes, and employability skills desirable in a member of the healthcare team through participation in healthcare work-based learning experiences (guest speakers, virtual tours, job shadowing,				

	virtual job shadowing, blood drives, community service projects, HOSA, etc.)				
2	Demonstrate professional and leadership skills by participating in experiences through a career and technology student organization (CTSO) like SC HOSA Future Health Professionals (whether as a member or as a participant in a HOSA sponsored event).				
FOUNDATION STANDARD 5: LEGAL RESPONSIBILITIES					
1	Explain practices that could result in malpractice, liability, and/or negligence (to include civil law, and criminal law. Summarize laws governing harassment, labor, and scope of practice.				
2	Apply procedures for accurate documentation and record keeping (for example, legally correcting errors on medical records, etc.)				
3	Describe and apply standards for safety, privacy, and confidentiality of the Health Insurance Portability and Accountability Act (HIPAA privileged communication).				
4	Describe advance directives, informed consent and explore the Patient's and Residents Bill of Rights.				
5	Summarize the essential characteristics of a patient's basic rights within a healthcare setting.				
6	Differentiate informed and implied consent.				
7	Explain laws governing harassment.				
8	Describe the concept of scope of practice.				
9	Utilize procedures for reporting activities and behaviors that affect the health, safety, and welfare of others (incident report).				
FOUNDATION STANDARD 6: ETHICS		0	1	2	3
1	Differentiate between ethical and legal issues impacting healthcare.				
2	Recognize and identify ethical and legal issues and their implications related to Healthcare.				
3	Discuss bioethical issues related to healthcare.				
4	Apply ethical behaviors in healthcare including personal, professional, and organizational ethics.				
5	Discuss and utilize procedures for reporting activities and behaviors that affect health, safety, and welfare of others (such as an incident report).				
6	Identify stages of death and dying.				
FOUNDATION STANDARD 7: SAFETY PRACTICES		0	1	2	3
1	Explain principles of infection transmission. a. Describe mode of transmission.				
2	Differentiate, discuss, and when appropriate demonstrate methods of controlling the spread and growth of				

	microorganisms. a. Asepsis b. Standard precautions c. Isolation precautions d. Transmission-based contact e. Bloodborne pathogen precautions f. Vaccinations				
3	Personal Safety a. Apply personal safety procedures based on Occupational Safety and Health Administration (OSHA) and Centers for Disease Control (CDC) regulations. b. Demonstrate principles of body mechanics and patient safety during transfers, ambulation, and positioning. c. Discuss the use of personal protective equipment (PPE) for patient and personal safety.				
FOUNDATION STANDARD 8: TEAMWORK		0	1	2	3
1	Act responsibly as a team member, including gaining practice employing leadership skills when acting as team leader.				
2	Collaborate with others to formulate team objectives and accomplish team goals utilizing the characteristics of effective teamwork.				
3	Apply effective techniques for managing team conflict.				
4	Apply principles of teamwork.				
5	Evaluate why teamwork is an important part of healthcare and how it improves patient care.				
FOUNDATION STANDARD 9: HEALTH MAINTENANCE PRACTICES		0	1	2	3
1	Healthcare Across the Lifespan a. Discuss physical, mental, social and behavioral development and its impact on healthcare.				
FOUNDATION STANDARD 10: TECHNICAL SKILLS		0	1	2	3
1	Demonstrate procedures for measuring and recording vital signs including recognition of normal ranges, data interpretation, reporting of abnormal values, and documentation of values received.				
2	Apply skills to obtain Heartsaver or BLS training or certification in adult, child, and infant cardiopulmonary resuscitation (CPR) and automated external defibrillator (AED).				
3	Demonstrate special health care skills as needed in the medical field for several different career paths.				
FOUNDATION STANDARD 11: INFORMATION TECHNOLOGY APPLICATIONS		0	1	2	3
1	Identify records and files common to the healthcare setting including electronic health record - EHR).				

2	Identify and differentiate types and content of health records (including EHR), i.e. patient, pharmacy, laboratory, radiology, etc.				
3	Recognize technology applications in healthcare including file storage.				
4	Create documentation in the health record (EHR/MHR) that reflects timeliness, completeness, and accuracy while adhering to information systems policies and procedures at the local, state, and national and organizational level. a. Use health record data collection tools (such as input screens, document templates). b. Understand the principle and demonstrate the appropriate methods to correct inaccurate information/errors personally entered into EHR/MHR, such as adding, clarifying, and correcting information.				
5	Explore different types of health record data collection tools.				
6	Identify common policies and procedures for proper access, disclosure and protection of personal information such as: passwords, administrative safeguards, database security. a. Apply fundamentals of privacy and confidentiality policies and procedures (HIPAA). b. Adhere to information systems policies, procedures, and regulations as required by national, state, and local entities. (Such as: Health Information Technology Act [HITECH Act], American Recovery and Reinvestment Act [ARRA]). c. Describe the consequences of inappropriate use of health data in terms of disciplinary action.				
FOUNDATION STANDARD 11: SOUTH CAROLINA GENERAL SKILLS ADDENDUM		0	1	2	3
1	Demonstrate skills as needed in various medical careers.				
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3					
4					
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