Student Profile – Health Science Clinical Study - 5560

Student Name _____ Teacher Name _____

School Year/Semester _____ Date began _____ Date Completed _____ Grade _____

Health Science Clinical Study - 5560
(Nurse Aide Training or other Clinical Experience)
Course Description: Health Science Clinical Study is a course that guides students to make connections from the classroom to the healthcare industry through work –based learning experiences/activities. This course is designed to provide for further development and application of knowledge and skills common to a wide variety of healthcare professions. The students in this course will build on all information and skills presented in the previous required course foundation standards. The students will relay these skills into real life experiences. The student, teachers and work-based learning coordinators will work together to create opportunities for the students to get the best experience available in the districts geographic region. Students in this course should be First-Aid and CPR certified before participating in any healthcare experience outside of the classroom.
General Requirements: This course is recommended for students in grade 12. Pre-requisites are Health Science 1, 2 & 3*. (*HS 3 may be substituted with the following courses: PLTW Human Body Systems, Science based Anatomy and Physiology, AP Biology, or Medical Terminology.) Recommended pre-requisites or co-requisites for the course are Biology and Chemistry**. **Please note:** Only HS3, Medical Terminology or PLTW HBS will count towards being a completer in the Health Science Cluster. (AP Biology or Science A& P will not)

Credit: CP - 1 unit =(120 hours) or 2 units = (240 hours).

Directions: Evaluate students using the applicable rating scales below:

3- Understands concept/can apply and perform **independently**

2- Moderate knowledge- understands the concept/can perform the task completely with **limited supervision**

1 – Limited knowledge /requires addition instruction and or **close supervision**

0 – Has not received instruction in this area / no experience or knowledge of this task

<u>**Foundation Standard 1: Academic Foundation**</u>

Healthcare professionals will know the academic subject matter required for proficiency within their area. They will use this knowledge as needed in their role. The following accountability criteria are considered **essential for students** in a health science program of study.

1.. _____ Apply mathematical computations related to healthcare procedures (metric and household, conversions and measurements).
2. _____ Analyze diagrams, charts, graphs, and tables to interpret healthcare results.
3. _____ Record time using the 24-hour clock.
4. _____ Demonstrate appropriate knowledge of body systems and disease process.

Foundation Standard 2: Communications

Healthcare professionals will know the various methods of giving and obtaining information. They will **communicate effectively, both orally and in writing**.

1. _____Use medical terminology and medical math to communicate information. Oral and written.
2. _____Apply active speaking and listening skills.
3. _____Interpret verbal and nonverbal communication
4. _____Report subjective and objective information
5. _____Identify barriers to communication
6. _____Modify communication to meet the needs of the patient/client and to be appropriate to the situation.

Foundation Standard 3: Systems

Healthcare professionals will understand how their role fits into their department, their organization, and the overall healthcare environment. They will **identify how key systems affect services** they perform and quality of care.

Foundation Standard 4: Employability Skills

Healthcare professionals 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.

1. _____Demonstrate employability skills (as they apply to hygiene, dress, language, confidentiality, behavior and work ethic)
2. _____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).
3. _____Participate in healthcare work-based learning experiences (guest speakers, virtual tours, job shadowing, blood drives, community service projects, clinical rotations etc.).

Foundation Standard 5: Legal Responsibilities

Healthcare professionals will **understand the legal responsibilities, limitations, and implications of their actions within the healthcare delivery setting**. They will perform their duties according to regulations, policies, laws, and legislated rights of clients.

1. _____Apply procedures for accurate documentation and record keeping.
2. _____Apply standards for Health Insurance Portability and Accountability Act (HIPAA).
3. _____Understand informed consent.

Foundation Standard 6: Ethics

Healthcare professionals will **understand accepted ethical practices with respect to cultural, social, and ethnic differences within the healthcare environment**. They will perform quality healthcare delivery.

1. _____Apply ethical behaviors in healthcare including personal, professional, and organizational ethics.
2. _____Apply procedures for reporting activities and behaviors that affect health, safety, and welfare of others.
3. _____Recognize ethical issues and their implications to healthcare.
4. _____Demonstrate respectful and empathetic treatment of all patients/clients.

Foundation Standard 7: Safety Practices

Healthcare professionals will understand the existing and potential hazards to clients, coworkers, and self. They will prevent injury or illness through safe work practices and follow health and safety policies and procedures.

1. **_____**Demonstrate principles of infection control and assess methods to control the spread of disease and infection.
2. _____Comply with safety signs, symbols and labels and recognize Safety Data Sheets (SDS)
3. _____Apply Safety techniques in the work environment.

Foundation Standard 8: Teamwork

Healthcare professionals will **understand the roles** and responsibilities of individual members as part of the healthcare team, including their ability to promote the delivery of quality healthcare. They will interact effectively and sensitively with all members of the healthcare team.

1. **_____** Act responsibly as a team member

Foundation Standard 9: Health Maintenance Practices

Healthcare professionals will understand the **fundamentals of wellness and the prevention** of disease processes. They will practice preventive health behaviors among the clients..

1. _____Describe strategies for prevention of diseases including health screenings and examinations.
2. _____Apply practices that promote prevention of disease and injury.
3. _____Be aware of complementary and alternative health practices.

*Foundation Standard 10: Technical Skills

Healthcare professionals will apply technical skills required for all career specialties. They will demonstrate skills and knowledge as appropriate.

1. _____Apply procedures for measuring and recording vital signs including recognition of normal ranges and understanding what the data means in relation to body systems and disease.
2. _____Apply skills to re-certify in CPR/AED and First Aid if needed.

Foundation Standard 11: Information Technology Applications

Healthcare professionals will **use information technology applications** required within all career specialties. They will demonstrate use as appropriate to healthcare applications.

1. _____Demonstrate the use of electronic medical records and recognition of different types of methods, data and documentation used in healthcare settings.
2. _____Describe appropriate methods to correct errors, both handwritten and electronic.
3. _____Adhere to information systems policies and procedures.
4. _____Apply fundamentals of privacy and confidentiality.
5. _____Describe inappropriate use of health data and consequences.
6. _____Demonstrate adequate use of computer skills, emails, storage, research and organization.