

Safety - Specific Expectations:

This means that the following specific safety expectations may apply to your project.

A: Health Care Fundamentals

B: Health Care Skills

C: Technology, The Environment, And Society

D: Professional Practice And Career Opportunities

Health Care, Grade 11

University/College Preparation TPJ3M

A. HEALTH CARE FUNDAMENTALS

A4.1 identify and describe lifestyle choices that can improve a person's health and well-being (e.g., avoidance of substance use/abuse, stress management, regular exercise, prevention of dental cavities, safe use of MP3 players and cell phones, using an Aboriginal medicine wheel as a health framework);

B. HEALTH CARE SKILLS

B1. use health care instruments, equipment, and materials safely and correctly;

B1.1 identify common medical instruments (e.g., sphygmomanometer, forceps, double-ended explorer), equipment (e.g., Hoyer lift, intravenous [IV] pole, weigh scales, microscope, mouth mirror), and materials (e.g., wound dressings, bed linens and lift sheets, gloves, protective gowns, eye shields), and use them safely and correctly;

B3. demonstrate the ability to apply health care skills and techniques safely and to industry standards;

B3.2 perform common caregiving skills and techniques (e.g., bed making, bed bathing, feeding, toileting, oral care, weighing) safely and correctly, using baby and/or adult mannequins;

B3.3 perform mobility techniques (e.g., turning, lifting, and transferring clients; using crutches or walkers and instructing clients in their use) safely and correctly;

B3.4 perform a range of motion and positioning techniques safely and correctly to prevent the development of decubitus ulcers and contractures in clients;

B3.5 demonstrate an understanding of (e.g., through role play) and apply health and safety procedures relating to proper body mechanics and ergonomics (e.g., base of support, good body posture);

C. HEALTH CARE, THE ENVIRONMENT, AND SOCIETY

C1.1 describe the potential impact on the environment of biohazardous waste from health care facilities (e.g., body fluid and human tissue, sharps containing bacteria or viruses);

C1.2 identify safe methods for the handling, storage, and disposal of waste and biohazardous materials (e.g., use of checklists, sharps containers, double wrapping, proper labelling);

D. PROFESSIONAL PRACTICE AND CAREER OPPORTUNITIES

D1. Health and Safety

D1. demonstrate an understanding of and comply with safe working practices and the laws and regulations governing the health and safety of workers in the health care industry;

D1.1 identify and comply with legislation, regulations, standards, and requirements pertaining to worker safety in the health care workplace (e.g., Occupational Health and Safety Act [OHSA], Workplace Hazardous Materials Information System [WHMIS]);

D1.2 demonstrate an understanding of and apply procedures to ensure safe and productive work practices in the health care workplace (e.g., use tools and equipment safely as outlined in safety manuals, operating instructions, and institutional requirements; conduct a safety inspection or audit of a facility; use a checklist to keep track of tools and equipment);

D1.3 use protective clothing and equipment as required to keep themselves and others safe and free from harm.

D3.4 demonstrate an understanding of and apply the work habits that are important for success in the health care industry, as identified in the Ontario Skills Passport (e.g., working safely, teamwork, reliability);

D3.5 maintain an up-to-date portfolio that includes pieces of work and other materials that provide evidence of their skills and achievements in health care (e.g., Passport to Safety certificate, reports, assignments, Ontario Skills Passport Work Plan), and explain why having a current portfolio is important for career development and advancement.

Health Care, Grade 12

University/College Preparation TPJ4M

B. HEALTH CARE SKILLS

B1.1 identify a wide range of tools, equipment, and materials used in the health care industry (e.g., forceps, sterile dressing trays/packages, centrifuges, autoclaves, reagent strips, glucometers, containers for culture and sensitivity testing), and use them safely and correctly;

B3.2 use appropriate medical aseptic procedures (e.g., hand hygiene, gloving, proper use of biohazard waste containers and handling of contaminated laundry waste, steam sterilization of equipment) to prevent the spread of pathogens;

B3.3 use appropriate precautions when handling body substances, as demonstrated through role play and the use of simulated body products (e.g., blood products, body fluids, human tissue, and materials contaminated with these substances);

B3.4 demonstrate an understanding of and apply standard industry procedures for handling specimens and administering medications and treatments (e.g., safely collect, label, store, and transport specimens to prevent contamination and degradation of sample; correctly dispense mock medication following the College of Nurses of Ontario [CNO] rights of medication administration standards [right time, right client, right medication, right reason, right dose, right frequency, right route, right site, right documentation]; administer heat and cold applications as appropriate);

C. HEALTH CARE, THE ENVIRONMENT, AND SOCIETY

C1.1 describe the environmental impact of technological advances in the health care field (e.g., single-use devices create end disposal issues, as incineration results in heavy metal toxicity and landfilling creates biohazardous leachate; because of the increased use of pharmaceuticals, traces of prescription drugs are now being found in surface water);

C1.2 research and report on laws, regulations, guidelines, and information sources pertaining to the disposal of medical waste (e.g., Atomic Energy Control Board – radioactive materials; Workplace Hazardous Materials Information System [WHMIS] – chemical hazards);

D. PROFESSIONAL PRACTICE AND CAREER OPPORTUNITIES

D1. Health and Safety

D1. demonstrate an understanding of and comply with safe working practices and the laws and regulations governing the health and safety of workers in the health care industry;

D1.1 explain the principal components of and comply with legislation, regulations, and guidelines pertaining to the safety of the health care workplace (e.g., Occupational Health and Safety Act [OHSA], Workplace Hazardous Materials Information System [WHMIS]);

D1.2 identify potential hazards in the health care workplace (e.g., biological, chemical, radiological, and physical hazards such as body fluids, soiled linens, cleaning agents, X-rays, combative clients, and sharp objects);

D1.3 assess various workplace factors that may lead to short-term or long-term health and safety issues for health care workers (e.g., long hours on feet, long work shifts, lifting/moving of patients, ergonomic considerations);

D1.4 demonstrate an understanding of and apply safe procedures for the use of instruments, materials, and equipment as outlined in safety manuals, operating instructions, and institutional requirements;

D1.5 use protective clothing and equipment as required to keep themselves and others safe and free from harm.

D3.4 maintain an up-to-date portfolio that includes pieces of work and other materials that provide evidence of their skills and achievements in health care (e.g., Passport to Safety certificate, reports, assignments, Ontario Skills Passport Work Plan and Transition Plan), and explain why having a current portfolio is important for career development and advancement.