

8710.8040 TEACHERS OF MEDICAL CAREERS.

Subpart 1. **Scope of practice.** A teacher of medical careers is authorized to provide students in grades 7 through 12 instruction that is designed to develop an effective understanding of the National Health Care Skills Standards in the following areas:

- A. academic foundations specific to the medical field;
- B. health care systems and issues;
- C. medical communication;
- D. ethics and legal responsibilities in health care;
- E. medical/health career exploration and investigation; and
- F. standard safety and infection control practices.

Subp. 2. **Licensure requirements.** A candidate for licensure as a teacher of medical careers shall possess or have possessed licensure or certification to practice in a medical career, direct practical experience as a medical professional, and have completed at least a baccalaureate degree from a regionally accredited college or university and a teacher preparation program approved under chapter 8705 including:

- A. the standards of effective practice under part 8710.2000;
- B. the core skills for teachers of career and technical education under part 8710.8000; and
- C. the standards under subpart 3.

Subp. 3. **Subject matter standard.** A candidate for licensure as a teacher of medical careers must complete a preparation program under subpart 2 that must include the candidate's demonstration of the knowledge and skills in items A to F.

A. A teacher of medical careers must demonstrate the knowledge and applications of the academic subject matter required for proficiency in the following areas:

- (1) knowledge of life sciences such as biology, chemistry, physics, and human growth and development to client care situations within specific medical careers;
- (2) reading and writing in health care situations, such as case studies, medical charts, manuals, and journals;
- (3) mathematical operations, such as computations for drug and fluid dosages and assessment of client condition; and
- (4) health care terminology for interstaff communication and interpretation of information to clients.

B. A teacher of medical careers must demonstrate the knowledge and applications of health care delivery systems and issues including:

- (1) where and how factors, such as cost, managed care, technology, an aging population, access to care, alternative therapies, and how lifestyle/behavior changes may affect various health care delivery systems;
- (2) the range of services available to clients;
- (3) delivery of health care to diverse groups in a variety of situations;
- (4) quality improvement processes as they relate to client outcomes;
- (5) effects on the health care system caused by past and present influences of technology, epidemiology, bioethics, socioeconomics, and other various forms of complimentary (nontraditional) medicine; and
- (6) the use of medical facility resources, such as staff, policy and procedure manuals, and training opportunities.

C. A teacher of medical careers must demonstrate the knowledge and applications of the various methods of giving and obtaining information including:

- (1) interpreting, transcribing, and communicating information, data, and observations using medical terminology within various health care situations;
- (2) reporting subjective and objective client information in relevant order of occurrence; and
- (3) using decision-making models within the context of problem solving in the health care environment.

D. A teacher of medical careers must demonstrate knowledge and application of legal responsibilities and ethical practices in health care, including:

- (1) morality and ethics and the relationship of each to health care outcomes;
- (2) legal and policy issues impacting health care, such as malpractice, negligence, and liability;
- (3) the primacy of client confidentiality;
- (4) patient protection documents, such as the Client Bill of Rights and the Vulnerable Adults Protection Act; and
- (5) requirements for reporting and documentation of any activity that adversely affects the welfare of clients or fellow workers, such as incident reports, medication, or treatment errors.

E. A teacher of medical careers must demonstrate knowledge of the diagnostic, therapeutic, environmental, and informational medical career clusters by:

(1) describing potential health career paths and ladders in occupations found in aforesaid clusters;

(2) describing the levels of education, licensing/certification requirements, employment opportunities, workplace environments, and career growth potential for a specific medical career; and

(3) utilizing personal occupational experiences to make medical careers meaningful to the students.

F. A teacher of medical careers must demonstrate knowledge and application of safety principles and infection control practices including:

(1) standard precautions as described in the rules and regulations of the Occupational Safety and Health Administration (OSHA);

(2) infection control procedures;

(3) safety procedures to protect clients, co-workers, and self;

(4) body mechanics and ergonomics;

(5) environment modification to create safe conditions in the health care setting;

(6) methods of fire prevention and response;

(7) material safety data sheets (MSDS) and adhering to hazardous labeling requirements;

(8) safety signs, symbols, and labels;

(9) facility evacuation plan; and

(10) emergency plan in response to a natural disaster or other unusual incident.

Subp. 4. **Professional license.** A professional license shall be issued and renewed according to the rules of the Board of Teaching governing licensure.

Statutory Authority: *MS s 122A.09; 122A.18*

History: *26 SR 700; 30 SR 1054*

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