

8710.8010 TEACHERS OF COMMUNICATIONS TECHNOLOGY CAREERS.

Subpart 1. **Scope of practice.** A teacher of communications technology careers is authorized to provide students in grades 7 through 12 instruction that is designed to develop an effective understanding of current communications technology core skills standards through instruction including the following areas:

- A. academic foundations specific to communications technology;
- B. standard safety practices in communications technology;
- C. professional responsibilities in communications technology;
- D. communications technology careers exploration and investigation;
- E. effects of communications technology; and
- F. applications of production skills in communications technology.

Subp. 2. **Licensure requirements.** A candidate for licensure as a teacher of communications technology careers shall 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 communications technology careers must complete a preparation program under subpart 2 that includes the candidate's demonstration of the knowledge and skills listed in items A to F.

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

- (1) apply knowledge of systems specific to the communications technology careers;
- (2) technical reading and writing using charts, manuals, and journals;
- (3) match math activities to communications technology careers processes;
- (4) create and interpret representations of specifications used in communications technology careers;
- (5) use and interpret technical terminology specific to communications technology careers; and
- (6) awareness of emerging products and technologies as related to communications technology careers.

B. A teacher of communications technology careers must demonstrate the knowledge and applications of safety and environmental concerns and policies issued by federal, state, and local regulatory agencies including:

- (1) Occupational Safety and Health Administration (OSHA) rules; and
- (2) Minnesota Pollution Control Agency regulations.

C. A teacher of communications technology careers must demonstrate knowledge and application of legal responsibilities and ethical practices including:

- (1) policies issued by federal, state, and local regulatory agencies, such as copyright laws, rating systems, filters/censorship systems, and mandatory reporting;
- (2) employee protection procedures, such as the "Right to Know" regulations; and
- (3) the management and use of resources, such as: staff policies and procedures, budgets, and training opportunities.

D. A teacher of communications technology careers must demonstrate knowledge by:

- (1) describing potential communications technology career pathways;
- (2) describing the levels of education, licensing/certification requirements, employment opportunities, workplace environments, and career growth potential for a specific communications technology career;
- (3) utilizing personal occupational experiences to make communications technology careers meaningful to the students; and
- (4) facilitating work-based learning opportunities including job shadowing, internships, and apprenticeship programs.

E. A teacher of communications technology careers must demonstrate the impact of:

- (1) how the products, services, and applications may affect various behavior changes;
- (2) the range of products, services, and applications available to employers and customers;
- (3) quality control and improvement processes as they relate to customer satisfaction;
- (4) past and present effects on the environment, socioeconomic status, and nontraditional technology systems; and
- (5) the management and use of resources.

F. A teacher of communications technology careers must demonstrate the skills necessary to:

- (1) envision, design, select, and use materials and resources to create, assemble, and deploy a finished product;

- (2) problem solve, troubleshoot, maintain, repair, and operate equipment; and
- (3) estimate and bid products and services.

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

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

History: *26 SR 700; 30 SR 1054; L 2017 1Sp5 art 12 s 22*

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