

## CHAPTER 67-11-22 COMPUTER SCIENCE AND CYBERSECURITY CREDENTIALS

### Section

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### **67-11-22-01. Definitions.**

For the purpose of this chapter:

1. "Board" means the education standards and practices board.
2. "Computer science and cybersecurity credential" means the credential that allows an individual to teach the content of computer science and cybersecurity education in grades kindergarten through twelve.
3. "Department" means the department of public instruction.
4. "Superintendent" means the superintendent of public instruction.

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**General Authority:** NDCC 15.1-02-04, 15.1-02-16, 28-32

**Law Implemented:** NDCC 15.1-02-16

### **67-11-22-02. Issuing agency.**

The North Dakota computer science and cybersecurity credential issuing agency address is:

Superintendent of Public Instruction  
Department of Public Instruction  
600 East Boulevard Avenue, Department 201  
Bismarck, ND 58505-0440

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### **67-11-22-03. Types of credentials.**

1. A level I credential:
  - a. Is issued upon satisfying the following requirements:
    - (1) Hold a valid teaching license issued by the board; and
    - (2) Complete one of the following:
      - (a) Complete two hundred or more hours of documented computer science or cybersecurity training as approved by the department;
      - (b) Obtain fifteen or more credits in computer science or cybersecurity as approved by the department; or

- (c) Demonstrate computer science or cybersecurity competencies through obtaining three stacks of department-approved microcredentials.
  - b. Allows the recipient to teach any computer science or cybersecurity-related course, including advanced courses, at any grade level corresponding with the recipient's teaching license.
- 2. A level II credential:
  - a. Is issued upon satisfying the following requirements:
    - (1) Hold a valid teaching license issued by the board; and
    - (2) Complete one of the following:
      - (a) Complete forty or more hours documented computer science or cybersecurity training as approved by the department;
      - (b) Obtain six or more credits in computer science or cybersecurity as approved by the department; or
      - (c) Demonstrate computer science or cybersecurity competencies through obtaining one stack of department-approved microcredentials.
  - b. Allows the recipient to teach introductory and intermediate-level computer science or cybersecurity-related courses, as determined by the department, at any grade level corresponding with the recipient's teaching license.
- 3. A level III credential:
  - a. Is issued upon satisfying the following requirements:
    - (1) Hold a valid teaching license issued by the board; and
    - (2) Complete one of the following:
      - (a) Complete fifteen or more hours documented computer science or cybersecurity training as approved by the department; or
      - (b) Demonstrate computer science or cybersecurity competencies through obtaining three or more stacks of department-approved microcredentials.
  - b. Allows the recipient to teach integrated computer science or cybersecurity-related instruction in other contents at any grade level corresponding with the recipient's teaching license. The recipient also may teach computer science or cybersecurity-related courses in grades kindergarten through grade eight as applicable to the recipient's teaching license.

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**67-11-22-04. Computer science and cybersecurity credential standards.**

Trainings, credits, or microcredentials as approved by the department must align to content standards in the following areas:

- 1. Computational thinking, problem solving, and algorithms;

2. Digital citizenship and cybersecurity;
3. Technology systems hardware and software;
4. Information literacy and data use; and
5. Impacts of computing.

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#### **67-11-22-05. Application process.**

The application process to obtain a credential under this chapter requires submission of:

1. A completed application including the applicant's name, social security number, date, address, telephone number, educator's professional license type and number, current employment information if applicable, academic preparation, and references; and
2. A copy of official transcripts or other documentation as needed.

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#### **67-11-22-06. Credential renewal.**

Recipients of the level I, level II, and level III computer science and cybersecurity credentials must maintain a current teaching license for the credential to be valid. Documentation of thirty hours of applicable training, two credits, or two microcredentials or a combination of training, credits, or microcredentials is required every five years for renewal of the computer science and cybersecurity credential.

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#### **67-11-22-07. Reconsideration.**

If issuance or renewal of any credential under this chapter is denied, the denial must be in writing and must state all reasons for denial and the applicant must be notified of the opportunity for reconsideration. If an application for issuance or renewal of any credential under this chapter is denied, the applicant may request a reconsideration of the decision. A request for reconsideration must be in writing and must be received by the superintendent of public instruction within three weeks of the date of mailing by the department of public instruction. Late requests will not be considered. The reconsideration request must state the following:

1. The facts, law, or rule the applicant believes was erroneously interpreted or applied; and
2. The applicant's arguments on how the facts, law, or rule should have been applied, giving specific reasons and thorough analysis. The superintendent of public instruction shall issue a final written response on the reconsideration request within three weeks after receiving a complete reconsideration request.

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