



**Computer Programming  
(CP)**  
STEM/Information Technology  
Skilled and Technical Sciences Contests  
State Qualifying Conference  
Contest Information

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State Qualifying Event: Yes

National Contest: Yes

Participation: Individual

**Contest Description**

Contestants demonstrate knowledge of computer programming, describe how programs and programming languages work and describe the purposes and practices of structured programming. The contest may include a computer programming problem consisting of background information and program specifications. An appropriate (successfully executable) computer program from design notes and instructions will be developed.

**Skill Performance**

The computer programming regional-level contest will have students demonstrate understanding of computer programming concepts. The contest will require students to design and implement a fully functional computer program in their language of choice as described at the competition.

- No outside libraries. That means for you Eclipse and Visual Studio users, no drag and drop features that generate code related to the functionality of your program. This does NOT mean user interface. I don't expect anyone to write Java swing code or C# window code by hand.
- No hard or soft copies of programming materials are allowed.

**Material and Equipment Provided**

- Timekeeper
- One table
- One outlet

**Each Contestant Will Need to Provide**

- Computer
- Extension cord
- Surge Protector