

**SkillsUSA District 1 Competition
West Side Career and Technical Center**

Contest Title: Computer Programming

Contest Chairperson: Nicole Kmetz

Phone: 570-288-8493

Contest location: West Side CTC

Equipment provided by Host School:

- None

Equipment Provided by Student:

- PC Computer w/programming software installed
- One copy of the coding reference manual of the language in which they will code the program.
- Ballpoint pens or sharpened pencils
- Blank notebook paper

Contest Narrative:

Students will be completing a computer programming problem consisting of background information and program specification with accompanying reference material and description of program output requirements.

Contestants will develop an appropriate (successfully executable) computer program from design notes and instructions.

The programming document requirements may include, but are not limited to the following:

Program module hierarchy diagram
Structured flow chart for each module in a program
Each program module coded in Pseudo-English.

No contact with students during testing. Advisors may enter the threshold of the room only.