Business & Information Systems Contests

Computer Programming
Competition consists of project coding and output, a skill-related written test and an interview. The contestants will receive a packet that includes instructions to the written test and each of the two projects. Each project's specifications are written for Visual Basic, Java, C#, C++ and RPG. The projects will be saved on the Desktop in a folder called "SkillsUSA Contestant#_." All projects will be downloaded to a jump drive or diskette (whichever the student prefers) and transferred to a main station to be printed, both code and screen. (3 students per school.)

Information Technology Services
The CMT contest requires contestants to identify and repair computer hardware malfunctions, solve configuration problems, and install common components. In addition, the contestants take the A+ Certification exam. Their score on this exam is used as the basis for the written portion of the contest, and contestants who pass the exam receive their A+ Certification. (3 students per school)

Internetworking
The contest consists of three main parts--networking design, general networking knowledge and hands-on evaluations. The networking design problem tests a contestant's ability to design functionality, scalability, adaptability and manageability of an internetworking system. The online written portion tests the student's complete knowledge of internetworking concepts. The hands-on component demonstrates the abilities of the contestant to make cables, trouble shoot network systems, configure routers, switches and servers, to deliver customer service in a technical assistant center environment. The contestants will find errors in WAN and LAN networks; do an ISP configuration using routers and switches; talk a technician through an error they are having on their network; and, take an online, certification type test. The national contest is based on the most current CCNA certification. In today's job market system administration skills are needed, therefore the server skills listed here will be scored: Install DNS, create a record, install active directory service, and DHCP. In addition, contestants should have knowledge of creating user and group accounts on Windows Server 2008. (3 students per school)

Web Design
Teams will complete a series of challenges focusing on website usability and accessibility, with at least one challenge related to scripting. Each challenge must be documented, clearly demonstrating the skills as outlined in the SkillsUSA Championships Technical Standards.

Customer Service
Evaluates students' proficiency in providing customer service. The contest involves live, role-playing situations. Contestants demonstrate their ability to perform customer service in both written and oral forms including telephone and computer skills, communications, problem solving, and conflict resolution and business etiquette. (3 students per school)