



Basic Electronics (State Only)

PURPOSE: To evaluate each contestant's preparation for employment and to recognize outstanding students for excellence and professionalism in the field of electronics technology.

SCOPE OF THE CONTEST: The contest will assess the ability to apply theoretical and practical knowledge of "state of the art" electronic industry standards as determined by the International Society of Certified Electronics Technicians. — Basic Electronics. Contestants will demonstrate their ability to perform jobs or skills from the following list of competencies as determined by the Washington State SkillsUSA Championships technical committee.

CONTEST DESCRIPTION: - Contestants are required to complete a written test of questions formulated from the International Society Certified Electronics Technician (ISCET) ESA-1 DC Fundamentals. Contestants' will demonstrate their knowledge of Direct Current (DC); ability to troubleshoot electronic circuits; ability to construct; select circuit components and test experimental circuits. All aspects of the competition test contestants' abilities to use and calibrate electronic equipment, record and organize data, and demonstrate proper safety practices.