




SkillsUSA® Contest Scope

Contest:	Architectural Drafting
Contest Chair: Email:	Ralph Stock rstock@rmctc.org
Contest Location: 	Reading Muhlenberg CTC 2615 Warren Rd. Reading, PA 19604 Phone: 610-921-7300
Purpose:	To evaluate each contestant's preparation for employment and to recognize outstanding students for excellence and professionalism in the field of architectural drafting.
Clothing:	Contest appropriate clothing. Students will not be penalized for clothing unless it is a safety violation.

EQUIPMENT AND MATERIALS:

Provided by the Host School:	<p>Equipment/Tools/Materials Provided by Host School:</p> <ol style="list-style-type: none"> The architectural drafting workstation will be equipped with standard office desk space for reference material, and have a computer work station for each contestant. The following software's will be available for their use, contestant may use the software of their choice: AutoCad 2024, REVIT 2024. Output hardware – plotter or printer (A printer will be provided, to plot out all necessary drawings. Drafting paper/vellum, scratch paper if required. <p>Equipment/Tools/Materials Provided by the Contestant:</p> <ol style="list-style-type: none"> Any reference material if it is not more than 1 square foot. Reference material must be created by a commercial publisher. Drawings, hand sketches and notes cannot be re-printed work created by students or instructors. Any items needed for a possible hand sketch, this may include a scale and other drafting equipment.
Provided by the Contestant:	Nothing is needed.

SCOPE OF CONTEST:

Competitors will be required to test their skills in the following areas:	<ol style="list-style-type: none"> Written exam of 20 multiple choice questions Knowledge Performance: The contest may include a written knowledge test assessing general knowledge of architecture. Skill Performance: The contest will assess skill performance by providing a hand sketch
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	<p>and/or computer-generated problem that will be solved using CAD. Contestants should be familiar with completing industry standard Architectural working drawings including but not limited to; foundation plans, floor plans, cross sections, elevations, and door and/or window schedules of a typical residential structure.</p>
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ADDITIONAL INFORMATION:

<p>Anything else competitors may need to know:</p>	<ul style="list-style-type: none">• <u>Students will not be permitted to use the Internet or printed materials for reference.</u>
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