

SkillsUSA Competition 2010-2011
Hosted by
Wilkes Barre Area Career & Technical School

Technical Drafting Contest

Purpose:

To evaluate each contestant's preparation for employment and to recognize outstanding students for excellence and professionalism in the field of Technical Drafting.

Using AutoCAD skills contestant will demonstrate competencies with the given mechanical part drawing in the following areas:

Sketching

Orthographic views/with dimensions

Sectional view/with dimensions/annotations

Isometric view

Contestants will be given a layers properties chart at the start of the competition and will be responsible for proper layer management.

Contestants may bring their own CAD workstation or they can use ours, which is:

Dell Precision 390 computers

AutoCAD 2011

HP Color LaserJet 4650dn printer

Contestants may also bring:

Calculator

Published AutoCAD reference books

Machinery Handbook

Criteria:

Based on the proper use and knowledge of Cad System, completeness and accuracy. Drawing must comply with drafting conventions and ANSI standards.

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Architectural Drafting

Purpose:

To evaluate each contestant's preparation for employment and to recognize outstanding students for excellence and professionalism in the field of Architectural Drafting.

Using AutoCAD skills contestant will demonstrate competencies by making a working drawing in the following areas:

Floor plan/with dimensions/ annotations
Door and Window Schedules/door and window tags.

Contestants will be required to have layer management and control. Contestants may bring their own CAD workstation or they can use ours, which is:

Dell precision 390 computers
AutoCAD 2011
Autodesk Architectural Desktop 2011
HP Color LaserJet 4650dn printer

Contestants may also bring:

Calculator
Published AutoCAD reference books

Criteria:

Based on the proper use and knowledge of Cad System, completeness and accuracy. Drawing must comply with drafting conventions and AEC standards.