

HALTON TECHNOLOGICAL SKILLS COMPETITION, 2016

Landscape Design, Secondary – COMPETITION SCOPE

Contest Date: Tuesday, 5 April, 2016

Location: Robert Bateman HS, Burlington, ON

COORDINATOR: Conor Morris

PURPOSE OF THE CONTEST:

To provide competitors with the opportunity to demonstrate their ability to create a small landscape design including:

- Using CAD software as the drawing tool
- Laying out landscape elements including walkways, patios and planting beds
- Choosing plant symbols
- Choosing plant types
- Solving problems
- Understanding the requirements

SKILLS AND KNOWLEDGE TO BE TESTED:

PRACTICAL 95%

JOB INTERVIEW 5%

- Ability to demonstrate the skills and knowledge of the chosen CAD tool
- Ability to create a preliminary concept plan from measurements & base information provided
- Ability to organize a design within the drawing page
- Ability to lay out the landscape elements as outlined in the specific requirements (specific requirements will be handed out at the start of the competition)
- Ability to solve design problems
- Ability to choose appropriate plant symbols
- Ability to choose appropriate plant material
- Ability to label plants, landscape elements and design documents appropriately

EQUIPMENT AND MATERIALS: Note: Any school that wishes to send a competitor for this event, but does not have software may receive a free DynaSCAPE Student Version. Please contact lhordyk@dynascape.com for more information. Alternatively, students may use their own software or Google SketchUp (free to download). The Halton Skills competition is open to whatever software/media the student/team chooses to employ to meet the competition deliverables. Provincial competitions will have their own requirements. Please refer to www.skillsontario.com for information about the provincial level competition.

INFORMATION PROVIDED BY COORDINATOR

- Sample judging criteria scoresheet:
- A list of plants recommended for the competition site
- Base plan of site, to scale (imperial) available in .jpg format

- Printer to print colour plans at 11 x 17 or Tabloid size as per competition deliverable specifications

SUPPLIED BY COMPETITOR:

- Computers with the design software loaded
- Note pad and pencil for sketching design concepts
- USB key to save documents for evaluation/printing
- Résumé
- Optional – scanner, plant catalogue, notes

SAFETY: Safety is a priority at the Halton Technological Skills Competition. At the discretion of the judges and technical chairs, any competitor can be removed from the competition site for not having the proper safety equipment and/or not acting in a safe manner.

*Competition judges will have final authority on matters of safety.

SAMPLE JUDGING CRITERIA:

1. Ability to demonstrate the skills and knowledge of the CAD tool:

Use of the tools and layers __1__ __2__ __3__ __4__ __5__ __6__ __7__ __8__ __9__ __10

Ability to organize space within the site limits __1__ __2__ __3__ __4__ __5__ __6__ __7__ __8__ __9__ __10

Appropriate use of symbols __1__ __2__ __3__ __4__ __5__ __6__ __7__ __8__ __9__ __10

Appropriate use of labels __1__ __2__ __3__ __4__ __5__ __6__ __7__ __8__ __9__ __10

/40

2. Ability to demonstrate the skills and knowledge to develop a landscape design:

Ability to interpret base plans and site information __1__ __2__ __3__ __4__ __5

Ability to follow the design requirements as outlined in the requirements package __1__ __2__ __3__ __4__ __5__ __6__ __7__ __8__ __9__ __10

Ability to solve design problems __1__ __2__ __3__ __4__ __5__ __6__ __7__ __8__ __9__ __10

Ability to arrange plant materials __1__ __2__ __3__ __4__ __5__ __6__ __7__ __8__ __9__ __10

/35

3. Design Style:

Overall appearance of design elements __1__ __2__ __3__ __4__ __5__ __6__ __7__ __8__ __9__ __10

Design neatness, clarity & function __1__ __2__ __3__ __4__ __5__ __6__ __7__ __8__ __9__ __10

/20

4. Job Interview __1__ __2__ __3__ __4__ __5

/5

Total

/100

INSTRUCTIONS:

Using the base plan below (and provided as a .jpg via USB) please design a complete landscape development concept plan for the front and backyard of Mr. & Mrs. Koolhaus' House. Located in St. Catharines, Ontario the clients (Mrs. & Mr. Koolhaus) would like to renovate their existing landscaping in either a French formal garden, Japanese Garden or English cottage garden style. Please select and specify appropriate materials and plants for landscaping the Koolhaus house grounds.

**** Image to be provided on the day of the competition****

Please note that the baseplan measurements are accurate and can therefore be used to scale the drawing. Plan north is true North. Trees to the southeast are Blue Spruce, and Black Locust, trees to the north include Blue Spruce, Scots Pine, Larch and Black Locust. Neighbouring houses to the East and West are located at roughly at the same elevations as the Koolhaus house. Please note the High and Low Points on the plan and secondary elevations. Neighbours to the north, northwest and east are **not** well screened.