

CONTEST DESCRIPTION
DESCRIPTION DE CONCOURS

LANDSCAPE GARDENING AMÉNAGEMENT PAYSAGER

POST-SECONDARY
NIVEAU POSTSECONDAIRE

CONTINUOUS LEARNING



FORMATION CONTINUE

DIGITAL



COMPÉTENCES NUMÉRIQUES

DOCUMENT USE



UTILISATION DE DOCUMENTS

NUMERACY



CALCUL

ORAL COMMUNICATION



COMMUNICATION ORALE

READING TEXT



LECTURE

WORKING WITH OTHERS



TRAVAIL D'ÉQUIPE

WRITING



RÉDACTION

THINKING



CAPACITÉ DE RAISONNEMENT

1. The Importance of Essential Skills for Careers in the Skilled Trades and Technology

SCC is currently working with Employment and Social Development Canada (ESDC) in order to bring awareness to the importance of Essential Skills that are absolutely crucial for success in the workforce. Part of this ongoing initiative requires the integration and identification of Essential Skills in contest descriptions, projects, and project documents. The next phase and very important aspect of our Essential Skills (ES) initiative is to provide an ES report card to each competitor at the Skills Canada National Competition. The purpose of the ES report card is to inform the competitor about their current level of essential skills based on their competition scores. With this knowledge, the competitor will be made aware which essential skill may require improvement. This will be piloted in a number of areas for 2016 with full implementation in the 2017 Skills Canada National Competition.

This is part of an ongoing initiative that requires the integration and identification of Essential Skills in contest descriptions, projects, and project documents. Essential skills are used in nearly every job and at different levels of complexity. They provide the foundation for learning all other skills and enable people to evolve with their jobs and adapt to workplace change. Good Essential Skills means you will understand and remember concepts introduced in technical training. The level of Essential Skills required for most trades is as high or higher than it is for many office jobs. The following 9 skills have been identified and validated as key essential skills for the workplace in the legend below:

¹Numeracy, ²Oral Communication, ³Working with Others, ⁴Continuous Learning, ⁵Reading Text, ⁶Writing, ⁷Thinking, ⁸Document Use, ⁹Digital

These essential skills have been identified with in section 2.3 and/or 3.2 of your Contest Description. The top three Essential Skills for your area of competition have been identified on your Project and all other supporting project documents.

2. CONTEST INTRODUCTION

2.1 Purpose of the Competition.

To evaluate the expertise of future landscape horticulturists in layout, construction and installation of hardscape and softscape elements.

2.2 Duration of contest.

12 hours

2.3 Skills and Knowledge to be tested.

The technical skills that will be tested are: interpreting and executing construction plans⁸, accurately scaling measurements and setting dimensions on site and using vertical measurement techniques¹. Competitors may also cut, shape and set natural or manufactured materials such as stone, concrete pavers and wood materials to build walls, screens, fences, patios, walkways, and steps. Additional skills to be tested include cutting, filling, and leveling aggregate material and planting media; installing trees, shrubs, perennials, annuals or sod, and other elements.⁷

Essential Skills – ¹Numeracy, ⁷Thinking (Problem Solving, Critical), ⁸Document Use

3. CONTEST DESCRIPTION

No more than one team of two competitors will represent each provincial or territorial entry. Each team must layout and build a landscape construction project as described by provided construction plans and details. The test project will involve preparing and installing various materials, such as natural stone, precast concrete, wood, planting media, mulch, plants and other landscape elements.

3.1 List of documents produced and timeline for when competitors have access to the documents.

DOCUMENT	DATE OF DISTRIBUTION VIA WEBSITE
Test Project	February, 2016

3.2 Elements to be included in the construction plans:

- Paving units
- Steps
- Planting
- Walls, retaining walls
- Wood construction
- Accent element (water feature)
- Within section 2.2 the planting and paving elements are compulsory components. Planting must occupy at least 40% of the total construction site surface. All of the 6 components listed above will be chosen for the competition project.

4. EQUIPMENT, MATERIAL, CLOTHING

4.1 Equipment, material and workspace provided by Skills/Compétences Canada

- All necessary material and equipment will be provided. Hand tools will be provided by Stanley and power tools by DeWalt.
- Work Space Installation
 - Each competition team will have a work space as can be accommodated.
 - The construction area must have clearly defined benchmark for vertical measurements. Each team's construction area will have been previously filled and compacted with granular materials and/or planting media, as much as possible within 100 mm of finished grade perimeter.
 - Within the work space each team must have a work station as possible.
 - The work space must allow sufficient storage space to safely store materials, tools and equipment.
 - Sufficient space must be provided for the use and circulation of equipment and machinery.
 - Each work space must provide reasonable accommodation for problems caused by inclement weather, if the event should be held outdoors.
 - Each team must have equal, fair access to their site.
 - For safety reasons, all handling of materials and construction equipment (fork lifts, loader, excavators) to and from the competition area should be the organization's responsibility.
 - The floor must be even and allow any required transport by construction equipment.
 - At all times during the competition, access to the competition area and individual construction sites must be ensured for transport of required materials.
 - If the competition is held inside, ensure good ventilation.

4.2 Equipment and material provided by the competitors

- Rubber mallet or deadblow hammer - 2 per team
- Sledge hammer, 3 or 4 lb - 2 per team
- Masonry hammer-stone working - 2 per team
- Carpenters hammer-'straight claw' - 2 per team
- Wood and stone Chisels, assorted - 6 per team
- Saw-hand saw - 2 per team
- Combination Square/Speed Square 12-16 inch combination - 2 per team
- Carpenter's square - 2 per team
- Chalk Line
- Marking utensils - 10 per team
- Masonry string - 50 ft roll-2 per team
- Torpedo level - 2 per team
- Carpenters level (2 ft) -2 per team
- String Level - 2 per team
- Wood clamps (6"-10")
- Tape measures-metric & imperial (25 feet) - 2 per team
- Utility knife and extra blades - 2 per team
- Sandpaper with block or holder 6 sheets per team
- Masonry Trowels - 2 per team
- Drill bits - assorted
- Screw driver bits assorted
- Hand brush
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Note: Any tool not listed must be approved for use by the National Technical Committee (NTC). A written application (or email) to the NTC chairperson must be submitted at least 1 month before the competition start. Teams are not required to bring all listed tools but may choose to bring what they feel is appropriate for the competition. None of these tools will be supplied by the organizers.

4.3 Required clothing (Provided by competitor)

- Long pants of durable quality in working condition for duration of competition
- Sleeved shirt (Not tank tops)
- Additional clothing appropriate for weather conditions
- Loose clothing not permitted (eg. Hoodies with strings)

Note: Your contest area for SCNC 2016 will be hosted outside under tents. Come prepared for any weather conditions and dress accordingly.

5. SAFETY REQUIREMENTS

5.1 List of required personal protective equipment (PPE) provided by competitors

- Safety Glasses - worn at all times
- Safety vest - worn at all times
- Hearing protection - worn when using plate tamper or other powered equipment
- CSA approved Safety boots (above ankle) - worn at all times
- Dust Mask (worn when cutting materials and handling dust-generating particulate)
- Appropriate gloves - worn when handling precast concrete products, stone and wood
- Hard Hat (construction of overhead structure)

6. ASSESSMENT

6.1 Point breakdown

POINT BREAKDOWN	/100
A) Horizontal Measurements	15
B) Work Process	15
C) Vertical Measurements	15
D) Completion of Softscape	20
F) Hardscape Construction	20
G) Other items (wood, stone & elements, etc.)	5
H) General impression	10

7. ADDITIONAL INFORMATION

7.1 Consecutive translation

If consecutive translation is required on site, the Skills/Compétences Canada Provincial/Territorial offices must advise Skills/Compétences Canada National Secretariat a minimum of 1 month prior to the competition or this service might not be guaranteed.

7.2 Test Project change at the Competition

Where the Test Project has been circulated to Competitors in advance, NTC shall change a maximum of 30% of the work content. Please refer to the Competition Rules.

7.2 Tie (No ties are allowed)

In the event of a tie, the team with the highest score in the criteria's A to G (see 6.1) will be declared the winner. If a second tie occurs, the team with the highest score in the criteria A will be declared the winners. If a third tie occurs, the team with the highest score in the criteria B will be declared the winners.

7.3 Competition Rules

Please refer to the competition rules of the Skills Canada National Competition.

8. NATIONAL TECHNICAL COMMITTEE MEMBERS

Member Organisation	Name	Email address
British Columbia	Annika Kristensen	
Alberta	Stephen Carlton	
Manitoba	Gord Bone	
Québec	Sylvie Metthé	
Ontario	Shane Jones	
Nova Scotia - Chair	Kyle MacDonald	Kyle_macdonald@live.ca
Saskatchewan	Kyla McKechnie	
New Brunswick	Jim Landry	