

Contest Description

COMPETITION DATE: November 6, 2021	CONTEST AREA NAME: Web Technologies
CONTEST AREA NUMBER: 17	LEVEL: Intermediate
DURATION OF CONTEST: 3-hours	LOCATION: Virtual

CONTEST INTRODUCTION

Purpose of the Challenge

We rely on web sites and online applications to find information, educate and learn, connect with friends and family, and to entertain us. Web site development involves the creation of web sites and Internet applications that provide us with all of those benefits and more. Information Technology (IT) professionals and specialists are in great demand, and web site design and development has become an increasingly important skill with exciting opportunities for careers in many fields.

The purpose of this challenge is to provide an opportunity for students to demonstrate their knowledge and skills in the area of web site development.

Skills and Knowledge to be tested

This competition will test the competitor's knowledge and skills on the following:

- Graphics for the web
- Web design principles
 - Colours, typography, structure, etc.

CONTEST DESCRIPTION

The Web Development contest will present students with a requirement to develop a website for a fictitious business/organization. The contest will include the creation of graphics, the manipulation of provided images, and the design of a small web site.

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

DOCUMENT	DATE OF DISTRIBUTION VIA WEBSITE
Test Project	November 6, 2021

Tasks that may be performed during the contest

- Images
 - Graphics/Images - Create, edit, and optimize graphics and/or images for the web
- Web Design and Development
 - Design a web site using Hypertext Markup Language (HTML)
 - Style the website using Cascading Style Sheets (CSS)
 - Including colors, fonts/typography, and imagery

EQUIPMENT, MATERIAL, CLOTHING

Equipment and Material supplied by Skills Canada-Newfoundland and Labrador

- Suggested Software List
- Test Project

Equipment and Material Competitor must supply:

- Computer workstation running
 - Current Operating System (Windows, MacOS)
 - Google Chrome
 - Editor for web pages such as Blue Griffon or VS Code
 - Image editor such as Gimp
 - Bootstrap CSS Framework if desired
- High-speed internet connection

Required clothing (Provided by competitor)

- Not Applicable

SAFETY REQUIREMENTS

The health, safety and welfare of all individuals involved with Skills Canada NL are of vital importance. Safety is a condition of participation and shall not be sacrificed for the sake of expediency. At the discretion of the judges and technical committees, any competitor can be denied the right to participate should they not have the required proper safety equipment and/or act in an unsafe manner that can cause harm to themselves or others.

EVALUATION/JUDGING CRITERIA

Point Breakdown

POINT BREAKDOWN	/1000
Overall design and visual look and feel	500
HTML / CSS Development and Functionality	500

ADDITIONAL INFORMATION

No ties are allowed

In case of a situation in which the competitors are tied in total competition points, subjective marks will be removed and objective marks will be totaled to break the tie. If there is a tie on the total objective points then design-related objective points will be removed and development-related objective points will be totaled to break the tie.

Competition Rules

Please refer to the competition rules for all general SCPC information.

PROVINCIAL TECHNICAL COMMITTEE MEMBERS

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David Cantwell (Chair PTC, CoChair NTC, Expert Team Canada)	david.cantwell@gmail.com
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