
DSBN PRECISION MACHINING SKILLS CHALLENGE 2021 SECONDARY LEVEL SCOPE

CHAIRS: John Gocking and Grant TenDen
john.gocking@dsbn.org or grant.tenden@dsbn.org

PURPOSE OF THE CONTEST to assess the contestant's precision machining skills and trade knowledge through practical testing.

EVENT DETAILS:

Date: Monday, March 1 - March 12, 2021

Time: 4 hour period

Location: Individual Schools

SKILLS AND KNOWLEDGE TO BE TESTED

Lathe project: turning, end facing, drilling.
Making parts to spec.

SAFETY REQUIREMENTS and SUPERVISION

Teachers or another designate must supervise the student to ensure that safety is adhered to and to maintain the integrity of the competition. If supply teacher is required, It is preferable to have the supply teacher supervise your student for the Challenge and you can remain with your class, this might not be possible for challenges where safety is a concern.

Other safety considerations:

EQUIPMENT, MATERIALS, TOOLS, AND SUPPLIES

All Tools and Equipment must be Supplied by the Individual Contest Site

Materials Supplied Centrally :

Blueprint drawings to be supplied the week of February 22nd

Material Supplied by the Individual Site

CLOTHING REQUIREMENTS: Safety glasses safety shoes

JUDGING INSTRUCTION:

Teachers will ship students completed projects to Collegiate Attention John Gock ing

JUDGING CRITERIAAll parts will be marked by Niagara College as per past events.

ENTRY:Students must register online at <http://teched.dsbm.org/skills> with all of the required information completed to be eligible to participate.

TEACHER'S ROLE:

Instructors are expected to acquaint their student participants with all of the enclosed guidelines.