



**2008 - Workplace Safety Scope
Document
NAIT Fairview Campus
April 24 & 25, 2008**



EVENT: WORKPLACE SAFETY	LEVEL: SECONDARY
ORIENTATION: April 24, 7:30 PM	LOCATION: NAIT Fairview Campus
START TIME: April 25, 8:30 AM	DURATION:
	SPACES:

SAFETY REQUIREMENTS:

All competitors must follow industry safety requirements during the competition.

PURPOSE OF THE CHALLENGE:

To evaluate each contestants competency to organize and execute a given work assignment accurately and safely in the field of Occupational Health and Safety and recognize outstanding students for excellence and professionalism.

SKILLS AND KNOWLEDGE TO BE TESTED:

Participants will be evaluated on their:

- Knowledge of health and safety principles,
- Ability to identify and assess workplace hazards and to recommend corrective action, and
- Ability to communicate health and safety information to others,

1. HAZARD IDENTIFICATION AND RISK ASSESSMENT (45 MINUTES)

- Each participant will inspect a mock workplace to identify hazards. The hazards will include areas as general housekeeping, WHMIS, ergonomics, safety equipment and electrical hazards. The participant will then rank each hazard according to the potential severity of injury and the probability that an injury would occur. Finally, the student will recommend a corrective action that will control each hazard.
- Additional information about Hazard Identification and Risk Assessment is provided as part of the Scope Document.

2. HEALTH AND SAFETY TALK (10 MINUTES)

- Each participant will prepare a 3-4 minute talk on a topic related to health and safety. The talk may be designed to:
 - **Demonstrate** and discuss the proper use and maintenance of a piece of equipment, personal protective equipment or safe work procedure or
 - **Explain** the importance of an area related to health and safety.
 - Presentation must have an identifiable introduction, body and conclusion.
- **Students are to provide an outline of topic to the judges by April 20, 2007**

Possible topics are provided below. For some topics, it may be helpful to identify a specific workplace and develop the topic in relation to that workplace.

Demonstrate

- Safe lifting procedures.
- Ergonomic considerations when working with the specific tools, equipment or when using a computer.
- Personal protective equipment- what to use for a specific task, and how to use and maintain it.
- Safe work practices when using ladders.
- Use of fire extinguishers.

Explain

- The effects of shift work on workers.
- The importance of good housekeeping practices.
- Power Tool Safety.
- Winter Driving.
- Watching Your Back ... Safely.
- Protecting Your Hands.
- Your Hearing: Keep it For a Lifetime.
- Prevention of Cold Stress Injuries.
- Prevention of Heat Stress Injuries.
- What to do in case of Fire.
- Slips, Trips and Falls.
- Look and Live (Fall from heights – walking on a roof).
- Work Clothes and Safety.
- Protecting Your Eyes.

EQUIPMENT, TOOLS, SUPPLIES, CLOTHING:

- Participants are required to wear long pants (jeans are ok) closed toe shoes (runners, dress shoes, boots) and appropriate shirt (no t-shirt or tank tops).
- Participants will need to bring a pen or pencil. Participants will also need to bring any props or materials required for their safety talk.

SUPPLIED BY THE COMMITTEE:

- Flip charts, markers and overhead projector.

POINTS BREAKDOWN

Marks will be based on the following

1. Hazard Identification and Risk Assessment Activity	70%
2. Health and Safety Talk	30%

RELATED CAREER AND TECHNOLOGY STUDIES MODULES:

CTR 1210

CTR 2210 - Competitors should also reference the Job Safety Skills Society Manuals Part 1 and Part 2.

Descriptions of all related CTS modules are located at the following website:

http://www.learning.gov.ab.ca/k_12/curriculum/bySubject/cts