
Innovative Design

Regina Engineering Competition

Team Composition

The Innovative Design team will be comprised of one (1) to four (4) competitors. All members of design team must be a student enrolled in the Faculty of Engineering at the University of Regina.

Should the presenting team be a subset of the project team, the remaining members of the project team must sign a letter authorizing presentation of the project in order for it to be eligible for the competition.

Topic Eligibility

A topic should adhere to the following criteria:

- The topic must be technical in nature
- The project must have a design component
- The presentation will assess social, environmental and economic ramifications of implementation

Procedure

1. Pre-Competition

At least seven (7) days prior to the competition, the team must submit a design summary. The summary will be a one-page competition brief, detailed in the “Deliverables” section. The team must also submit a list of constraints and specific needs for the competition.

2. Public Opening

The exhibitions are open for visits from the general public. Competitors must staff their displays for a minimum of 1 hour. Judging periods are to be indicated during the competition briefing.

3. Presentation

The competitors must give a 20-minute presentation, followed by a 10-minute question period, at their displays. They must use only the resources at their display to illustrate their work. Competitors will be required to give their presentation more than once as each judge must see all displays, but not at the same time.

Deliverables

Prior to the competition, the team must submit a design summary. If a slideshow presentation is to be utilized, a hard copy of all slides may be prepared for each judge.

Team #0

Team Member #1

Team Member #2

Team Member #3

Team Member #4

Overview

The innovative design competition is prepared entirely outside the realm of the competition. Competitors choose their own topic, prepare research and develop a design. The designs must be new and innovative and address a void in society.

Resources

Facilities Required

- 1 amphitheater (presentations)

Equipment Provided

During Presentation

- 1 table
- Electrical power supply for each team
- White board(s) or blackboards

Allowed External Resources

- There is no restriction on the resources which competitors are allowed to bring to the competition. A list of resources must be provided to the organizer prior to the competition.

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Assessment and Judging

- The judges must be selected in part for having some expertise in the areas studied.
- The panel must have an odd number of judges.
- The panel must a minimum of three (3) judges.
- The assessment shall be carried out in the audience's presence.

Judging Matrix

Project	60%	<input type="text"/>
Design justification		
Environmental and social feasibility		
Economic feasibility		
Technical feasibility		
Innovation		
Presentation/Delivery	30%	<input type="text"/>
Voice and articulation		
Visual aids		
Timing		
Written Abstract	10%	<input type="text"/>
Total	100%	<input type="text"/>

Judge's Name.....

Notes
