



Consulting Engineering – Competitor Rules

General Rules

- All questions regarding the problem statement must be asked during the welcome and briefing session. Problem statement questions will not be answered once the design and build stages have begun.
- Teams are not allowed to leave the competition area until they have submitted their final prototype at the end of the build stage.
- Competitors can only use the approved resources and materials they entered the competition area with. This means no trips to the library or visitors dropping off material during the competition period.
- Competition rooms must be left in the same condition as they were found.
- **All communication devices must be turned off for the duration of the competition. Violation of this rule will result in immediate disqualification.**
- **Visitors are not allowed during the design and build stages. Violation of this rule will result in immediate disqualification.**

Permitted Tools

During the competition period, the following tools will be permitted for use by competitors:

- Computers, USB keys, CDs, DVDs, floppy disks
- Internet (provided)
- Reference books

Competitors must supply their own materials, if they choose to use them, unless otherwise indicated. Only materials that are brought in with the competing team may be used,

A computer, projector, and screen will be provided during the presentation period.

Cell phones, Blackberry smart phones, online communication tools (Instant Messengers, e-mail, etc.), social media sites (Facebook, MySpace, etc) and other communication methods are prohibited. Use of any of these tools during the competition period is grounds for team disqualification.

Use of all other tools must be cleared by the competition director prior to use.

Competitor Deliverables

The Consulting Engineering Category requires the following deliverables:

1. One (1) Solution Report, using the format provided below. The report must be a comprehensive document of the proposed design/solution.
2. One (1) Final Presentation, using MS PowerPoint (Office 2003 or earlier) or as a PDF file.

All deliverables, as well as any other document, or drawings, etc. for use during the final presentation must be submitted anytime before the expiry of the six (6) hour competition time. Any materials submitted after this time will not be permitted to be used during the presentation and will not be judged. Use of the materials during the presentation will be grounds for disqualification.



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More details regarding the deliverables will be given in the Competitors Document.

Competition Schedule

Friday January 29th

5:00 pm - 5:30 pm	Competitor's Briefing <i>Kitchener Room 4</i>
8:00 pm – 8:30 pm	Travel to University of Waterloo Campus via bus
8:30 pm – 9:15 pm	Competitors Briefing <i>RCH 301</i>
9:15 pm – 3:15 am	Design Time <i>Various rooms in RCH</i>
3:15 am – 4:15 am	Travel Back to Hotel via bus

Friday January 29th

9:00 am – 12:30 pm	Final Presentations <i>RCH 307</i>
12:30 pm – 1:00 pm	Lunch
1:00 pm – 3:00 pm	Final Presentations <i>RCH 307</i>

Scoring

Report	/25
Comprehensiveness of Content.....	/10
Statement of Assumptions	/5
References/Sources.....	/5
Presentation/Format	/5
Final Presentation	/35
Quality of visual presentation	/10
Quality of speaking	/15
Correspondence to report	/5
Quality of response to judge's questions.....	/5
Penalties	
Misuse of time – under-use by more than 3 minutes.....	-5/minute
Misuse of time – over-use	-10/minute
Solution	/40
Technical Innovation	/10
Quality of Solution	/15
Non-technical (environmental/economic/social/other) analysis	/15