

The Challenge: Triangle Island Research Station

The Triangle Island Research Station is a minimal housing solution - a minimal shelter in a fragile landscape. Its purpose is to house the researchers working on this remote island in a way as minimally disruptive as possible. The island is a key research facility for climate change and environmental impact research.

This competition asks students to design a Minimal Research Station which is sufficient to house six adults for one night. Two small bedrooms with stacked beds and desks is required as well as a kitchenette and a vestibule area for coat storage and air lock. An outhouse is also required as part of the configuration. The hut should sit lightly on the ground and be shipped in by helicopter with a limitation of 3000 lb on each shipment. The site will be on Triangle Island at the site of the current research station. Further information on the site will be introduced by Fast+Epp is available from the Fast+Epp website under the News heading.

Collaboration

The intent of this competition is to foster collaborative design between engineering and architectural students. In the design world, although these two disciplines work together with the same end goal, they often want to take different paths towards that goal, each with its own agenda. To achieve a successful project in today's challenging building environment everyone on the team must pull together. Likewise, with this project students are required to collaborate across disciplines, learning valuable skills about collaboration at an early stage.

Submission Requirements

Your submission should consist of two 11x17 pages of images and one to two typed pages explaining the thinking behind the design. The drawings should contain at minimum a plan, section and elevation sufficient to describe the project. Conceptual and/or final sketches and images may be included to explain the relationship of the design to site and/or cultural context.



Eligibility

The competition is open to all students registered at UBC. Each team should be collaborative. For assistance, or to be placed on a team, please see contacts on this outline.

Prizes

Cash prizes will be awarded and the winners will be featured on the Fast + Epp website:
1st Prize of \$1000
2nd Prize of \$350

Schedule

Launch & Information Session:
Wed January 23rd @ 5pm in Lasserre 102
Crit Session: Wednesday Feb. 6th @ 3pm
Submission Due Date: Friday Mar. 15th @ 4pm

Further Information

Further site information and detailed submission requirements can be found at:
www.fastepp.com/news

Contacts:

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