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STUDENT DESIGN-BUILD COMPETITION FOR A STAGE / SHADED SITTING AREA

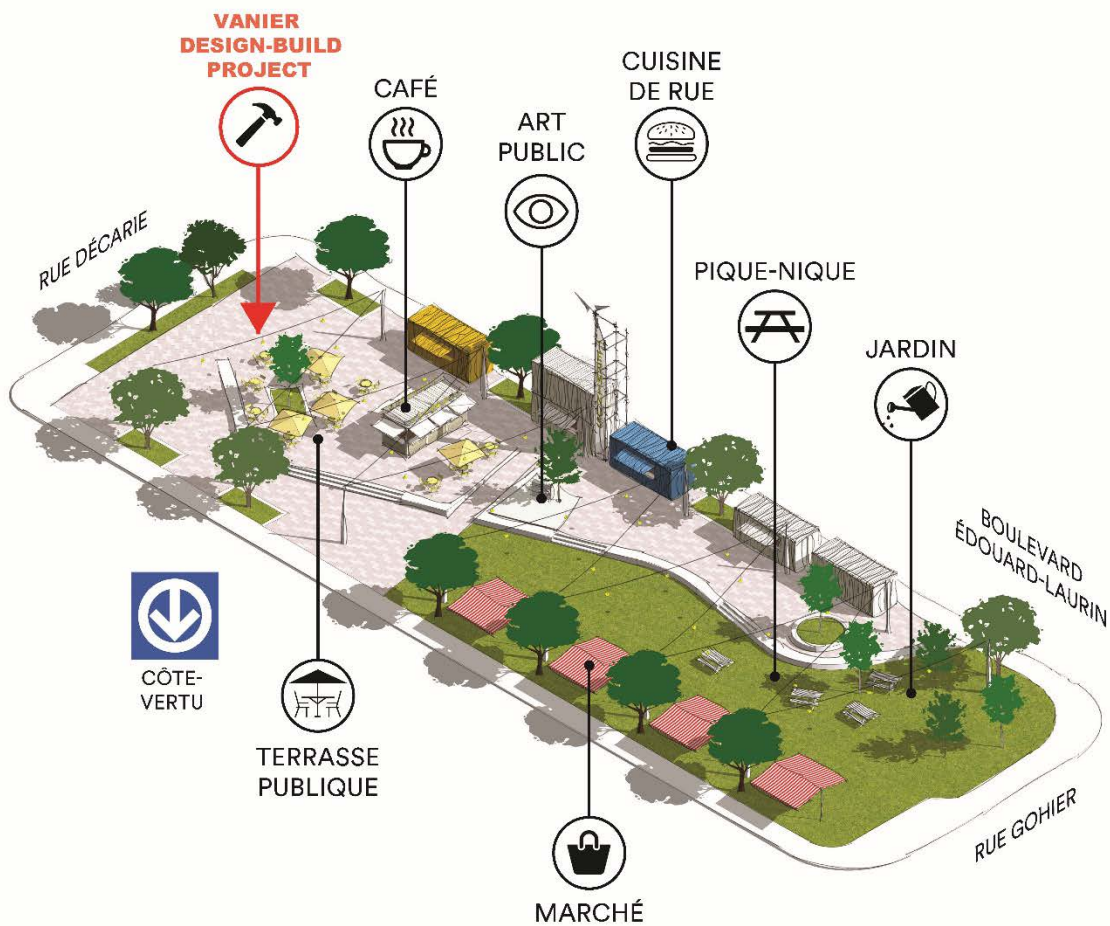


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COMPETITION OVERVIEW

As part of the Montreal 375 anniversary celebrations, the Borough of Saint-Laurent will be inaugurating a new public square in June 2017, which will include a program of community and cultural activities. Vanier College students will have the opportunity to contribute their creative talents to the vibrancy of this new square by designing and building a piece of urban furniture that will be installed in the square for the duration of the summer activities. The new square is in a high-profile location at the entrance to the Cote-Vertu Metro station and will become a regular stop on the daily commute of many Vanier College community members. Thus the project offers a unique opportunity for students to showcase their talents to both their peers and the local community, and build bridges in the process.

Vanier College IDEAS Studio has partnered with the Borough of Saint-Laurent to organise a design competition for student teams. Their mission: to make proposals for a small, elevated stage that can be used for activities, performances, sitting and socialising. Architectural Technology students will work with Music students to design both a structure and an inaugural music event. Students in other programs are invited to participate as well.

The winning design will be selected by a jury of college and community representatives. The Borough has agreed to provide funding and technical support for a student team to then build the structure under the supervision of Architectural Technology teacher and IDEAS Studio leader, Richard Klopp.

REGISTRATION AND ELIGIBILITY

All students enrolled at Vanier College are invited to participate in the competition. Each team must have at least one Architectural Technology *Project 4 (221-620)* student, who will act as the team leader and contact person. Teams are encouraged to work with or consult Music students on the design of the inaugural event. Each team must have at least one student from different year or program, or be willing to have one assigned to them.

Please use the following link to register online by March 1: <https://goo.gl/forms/IISE2tdgTKPjvryL2>

PRIZES

A \$500 prize will be awarded to the winning team. Other prizes will be announced after the jury meets. A selection of projects will be featured in an exhibition and/or online publication.

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KEY DATES

DESIGN

- Feb 15 UB** Design-build competition launch and info session (N331)
Competition team registration begins
- Feb 22 UB** Finalised competition brief and documents sent to team leaders
- Mar 1 UB** Beam Me Up presentation – experience the site in virtual reality (N331)
- Mar 7 & 9** Project 4 Section 2 (N315) – Week 8 design session - Tues 8-12 & Thur 2:30-5:30
Mar 9 & 10 Project 4 Section 1 (N319) – Week 8 design session - Thur 10-1 & Fri 10-2
- Mar 27 (noon)** **Submission deadline** - pdf and print (drop off at Room N342)

JURY

- Apr 7 (TBC)** Jury meets to select winning proposal and honourable mentions
- Apr 12 UB** Winner and honourable mentions announced.

BUILD

- Apr 12** Build team registration begins
- Apr 26** Build team members confirmed.
Begin preparation of construction plans
- May 26** Final construction plans submitted to Borough for approval
- Jun - Jul (TBC)** Build team prefabricates the structure at Vanier College
- Jul (TBC)** Borough transports and erects structure on site

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PROJECT OBJECTIVES AND REQUIREMENTS

This project is foremost an opportunity for students to engage and collaborate with others on a community project. Let this social aspect inspire your design!

In a nutshell, you are asked to design an elevated platform and shade structure to accommodate a wide range of possible uses. At the very minimum your design should function as:

- A stage for small performances or presentations
- A seating area for relaxing and socializing

Some of the other planned activities* for the new square that may influence your design, include:

- A seasonal café and outdoor market;
- Music performances by Vanier College and Cegep Saint-Laurent students;
- Artist-led creative workshops for kids;
- Dance activities for families;
- Multiethnic culinary events;
- Puppet shows and storytelling activities organised by the public library;
- A public piano;
- On-site bicycle repairs;
- An urban agriculture project;
- A virtual reality project demonstration;
- The official unveiling of the public art for the square (August 11-12);
- A large format photo exhibition by Youssef Shoufan in the style of “Humans of New York,” where new photos will be presented every Saturday afternoon for 8 weeks starting on July 1;
- Other activities organised by community groups and citizens.

*refer to the Placemaking report for more information

Physical requirements

- Provide a level and solid stage surface with minimum horizontal dimensions of $\varnothing 2400$ ($\varnothing 8'$) and maximum height of 600 (2') from the ground level. Portions of stage floor may be removable (e.g. to create mobile seating or a pop-up table, etc), but should be easily secured and stable during use as a stage.
- Provide a canopy or shade structure with a minimum clearance of 2400 (8') from the stage surface. The vertical supports should consider lateral loads and provide attachment points for speakers, lights, or other accessories.
- If possible, provide a shelter to dock the public piano in case of rain and to protect it from theft or vandalism after hours. Note: upright piano dimensions will be provided at a later time.
- Propose a suitable location on site, but design the structure with other possible locations in mind.

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Construction considerations

- The design must be easily buildable by students using wood as the main construction material. It will be prefabricated on campus, so it must be transportable and allow for quickly assembly on site.
- The budget for material should not exceed \$3000.
- Consider how this temporary construction might be reused or disassembled after the 2017 season.

Other design objectives

- The design should be visually bold and of sculptural interest. The use of colour or contrast is encouraged.
- Consider this installation as a gift from Vanier College students to the Montreal 375 anniversary celebrations and the local community. Note: if you are using logos in your design (e.g. Montreal 375, Saint-Laurent, Vanier College, etc) please use the proper format.

QUESTIONS

Any questions regarding the competition should be directed to Richard Klopp at ideas.studio.vanier@gmail.com by your designated team leader/spokesperson.

REFERENCE DOCUMENTS

The following documents will be sent to the team leaders after registration:

- **Construction drawings for the new public square** (Christian Tiffault architecte and Olivier Girard, ing)
- **Place Rodolphe Rousseau, Rapport de Placemaking** (La Pépinière Espaces Collectifs)
- **3D Sketch-up file of public square design** (La Pépinière Espaces Collectifs)

USEFUL LINKS

- **Life Projects Network** (international database of student projects, including two from Montreal)
<http://liveprojectsnetwork.org/>
- **Jardins de Métis** (for ideas... experiential installations for a contemporary garden festival)
<http://www.refordgardens.com/english/festival/edition.php>
- **Le Spot** (la Sympathique Place Ouverte à Tous – student initiative combining architecture and music)
<http://www.architectureduquebec.com/blogue/le-spot-1>
<https://www.spotqc.com/>

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DETAILED SUBMISSION REQUIREMENTS

Submit a maximum of 4, 11x17 colour prints, landscape orientation, unstapled in a sealed envelope labeled “PRR.” Team leaders must also send a pdf of their competition entry to: ideas.studio.vanier@gmail.com and include “PRR submission” in the subject line of the e-mail.

Plan your graphic design considering that the sheets will be stacked vertically in an exhibition (sheet 1 on top). Please use the following recommendations for the content of each sheet:

Sheet 1 content – design intentions:

- **Competition title:** “Place Rodolphe Rousseau Student Design Competition 2017”
- **Your design proposal title** (find a catchy title that reflects your design)
- **List of team members and any collaborators**
- **One large 3D view** and some smaller views that best portray your design and its use
- **A statement of your design intentions** and its noteworthy features. Proofread the text carefully.

Sheet 2 content – site considerations:

- **Competition title:** “Place Rodolphe Rousseau Student Design Competition 2017”
- **Your design proposal title**
- **1:250 site plan** of the public square with the location of your project clearly indicated
- **Include text or diagrams** to explain how the project integrates with and engages the site. Demonstrate how your shade canopy works at different times of the day in summer.

Sheets 3 content – plan, section, elevation:

- **Competition title:** “Place Rodolphe Rousseau Student Design Competition 2017”
- **Your design proposal title**
- **1:50 floor plan, roof plan and relevant elevations/sections**
- **1:20 partial section and text** to describe any special construction features. If possible, provide a list of materials and an estimate.

Sheet 4 content – event proposal:

- **Competition title:** “Place Rodolphe Rousseau Student Design Competition 2017”
- **Your design proposal title**
- **Use images and text to describe your design for an inaugural event**
- **Include any additional images** that will help to better understand the special features of your design.

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JURY

A jury comprised of a project partners and collaborators will choose one or more designs to award prizes and honorable mentions. The design proposals will be assessed on how well they meet the objectives and requirements of this competition brief. Since the designs will be further developed after the competition, the jury will focus on merits of the overall design concept, although it must be clear that it would be technical feasible to construct it within the budget.

Note: the final choice of project to be built is entirely at the discretion of the jury and may combine elements of the best designs.

PROJECT PARTNERS AND COLLABORATORS

IDEAS Studio would like to thank the Borough of Saint-Laurent for their generous support of this project and the growing list of collaborators, including:

- Alexandra Bourque-Alvear (Borough of Saint-Laurent);
- Michael Sendbuehler (Vanier College, Dean, Faculty of Science and Technology)
- Christian Robichaud & Saul Aronovitch (Vanier College Architectural Technology Program)
- Glen Ethier (Vanier College Music Program)
- Jérôme Glad and Maude Painchaud Major (La Pépinière | Espaces collectifs)
- Yan Cyr (Beam Me Up)
- Ryan Aguilar and Kamille Bagtas (IDEAS studio)



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About I.D.E.A.S. Studio

IDEAS Studio (Integrating Design Education and Action for Sustainability) is an extracurricular initiative that offers unique service-learning, career development, and community engagement opportunities for Vanier College students. This initiative brings together several distinct interdisciplinary student projects coordinated by Richard Klopp under one umbrella, including: *TreeTag*, a campus tree survey and replanting initiative; a new educational garden installation; an alumni database; and this design-build competition.

The principal objective of IDEAS Studio is to engage students in community outreach, multi-class collaborations and research activities during the academic sessions with the intent of developing projects of a scale that can be realised in a 2-4 week period during the summer. These intensive summer “boot camps” challenge students to apply the skills and knowledge acquired in their programs towards addressing specific needs in their community. They can be executed in a variety of ways: as an internship, summer job, volunteering opportunity - or eventually, as a complimentary course. Two students are currently doing internships with IDEAS Studio and a web platform for sharing project information is under construction.

For more information about IDEAS Studio, please contact:

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