

SMALL STRUCTURE CHALLENGE

THINK.

DESIGN.

BUILD.

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**Institute without Boundaries** (IwB) at George Brown College in collaboration with **Miziwe Biik** are offering a new program to teach students how to think design and fabricate small structures.

This unique program will apply Indigenous design principles in response to local design challenges, and provide a foundational knowledge that can lead to new pathways in architecture, design, art, construction and industrial design. Students will learn to embrace and transform the power of design, to interpret honest matter and convert it into exceptional objects, from the past, the present and into the future.

The Institute without Boundaries is a Collaborative design practice for a better world.

The IwB is a Toronto-based academic program and studio that offers unique educational experiences and professional services. The Institute focuses on collaborative design practice with the objectives of social, ecological and economic innovation through design, think and methodology.

### APPLY TO LEARN WITH US

Apply to be a student! Launching in September 2017, this course is open to students from diverse professional and educational backgrounds.

Ideal candidates are passionate about design, construction, Indigenous culture and sustainability.

### YOU WILL LEARN

To develop ideas, design and build small structures applying architectural & industrial design tools & principles. Students will work in a studio-based environment at The Mill Centre at Dixon Hall, where you will be provided with the tools needed to design and fabricate a project that responds to a real-world challenge. Students will use the City, Studios Visits, Museums, Art Galleries, and Libraries as a school.

### THINGS YOU WILL BUILD

#### A HAND TOOL

what is the extension of your hand? – is this our 1st tool?

#### A BIRD HABITAT

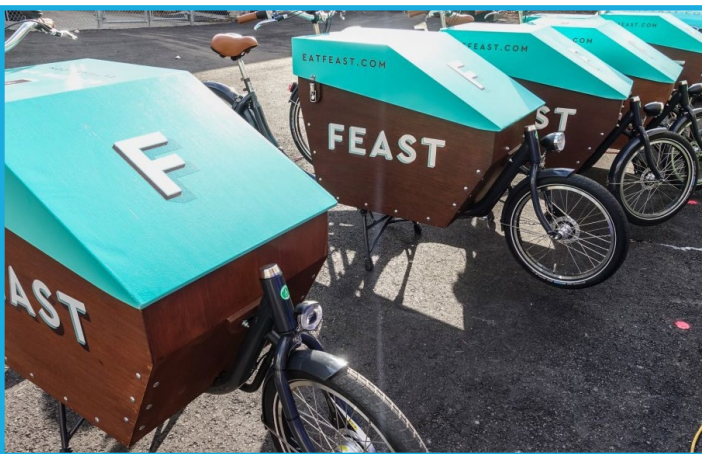
do birds need houses or supportive habitats

#### A BICYCLE CART

can bicycles be mobile markets – can they fix a world of too many cars

#### A MARKET STALL

can market stalls be artful, useful, desirable, and mobile



## HOW YOU WILL LEARN

Talks & Tours  
 Videos  
 Making Drawings  
 Studio & Workshop Visits  
 Museums  
 Art Galleries  
 ...the City will be our classroom

## THINGS YOU WILL LEARN

Practice Safety Consciousness  
 Work in Teams  
 Reclaim Indigenous Culture as the Basis of Sustainability  
 Use Projects to Understand a Design Concept  
 Work with Real Clients  
 Dovetail with CV Training Program at Miziwe Biik  
 Project Planning, Budgeting and Scheduling  
 Mentor with Professionals and Craftspeople

## PLACES YOU WILL APPLY YOUR NEW SKILLS

Carpentry  
 Architecture  
 Design  
 Art  
 Construction  
 Industrial design  
 Advanced Education

## SKILLS YOU WILL DEVELOP

Design Thinking  
 Prototyping and Fabrication  
 Machinery and Safety Skills  
 Collaboration and Trust  
 History of Indigenous Culture  
 History of Trees and Woodworking  
 How to Build a Portfolio  
 How to Understand a User/ Market Need  
 Work with Real Clients

## PEOPLE WHO WILL TEACH

Connor Malloy – Sustainable Design + Build Professional  
Alexander Pilis – Architectural and Installations Artist  
Susan Speigel – Activist Architect  
Jake Chakasim – Indigenous Professor  
Brian Porter – Indigenous Architect  
Christopher Pandolfi – Community Activator Urbanist  
Nicole Penak – York U Professor - Dismantling the Circle Trainer  
Carol White – Indigenous Cultural Wisdom  
Kent Monkman – Artist  
Eliot Callahan – Design & Fabrication Specialist  
Shane MacInnes – Sustainable Building & Design Specialist

## CONTACT

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MIZIWE BIIK

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