

General Information:

Duration: 1 day

Achievement: Certificate

Time: 8:30 am – 4:30 pm

Locations: All courses are offered online, on-site, or in-person at SolidCAD training facilities across Canada, including:

Burnaby, BC
Calgary, AB
Edmonton, AB
Winnipeg, MB
Richmond Hill, ON
Montreal, QC
Quebec City, QC
Dartmouth, NS

Pricing, Registration &

Scheduling: Please contact our training coordinator at 1-877-438-2231 x227 or via email at training@solidcad.ca

Complete course listing:

www.solidcad.ca/training

Course Description:

Feasibility and Conceptual Design using Forma offers fast iteration as well as insights into building performance. This course provides a comprehensive overview of Forma. This course is intended for designers and planners who wish to explore Forma for proposals and other related work, seamlessly within the Autodesk product ecosystem. Work as a team to make compelling data driven designs and move forward with those designs in an integrated BIM workflow.

Learning Objectives and Topics:

- Licensing and Hub creation
- Projects and sharing
- Importing terrain and building data
 - Making sites, zones and constraints
 - Coordinates-Forma and Revit
 - Terrain types
 - Adjusting reference buildings
 - Importing site boundary and zoning dxf
- Editing terrain and Buildings
 - Terraforming terrain and sloped edges
 - Add units, floorplates. Copy and adjust between levels
 - Sketch Buildings
 - Explore: AI building design iteration generation
- Parking
 - Stacked. Including below grade
 - Surface, using Testfit
 - Parking calculator
- Trees, roads, rail-not too important
 - Calculating green space
 - Adding traffic data to roads and rails
- Analysis
 - Solar
 - GFA, GCA, Unit size and mix, Parking ratio
 - Shadow Study
 - Energy-building type settings
 - Wind and Microclimate
- Techniques to compose presentations
 - Compose and print presentations
 - Compare various studies
- Views, Layers, Display and Camera Options, Measuring

- Extensions-
Forma to Revit Workflow and settings
 - Export and import settings and workflow
 - Units from Forma to Revit
 - Best practices sending Revit back to Forma

- Forma and Dynamo Workflow
 - Automated building footprints and volumes based on site boundaries
 - Automated geometries
 - Line of site rights

Supplemental Learning:

- Revit Intermediate
- Dynamo for Revit