

Project Description

In this exercise, you will transform a vehicular street into a complete street. A complete street is at its foundation, a street for people of all abilities, ages, and backgrounds. It promotes safe and healthy space by accommodating cars, buses, cyclists, pedestrians, and emerging modes of transportation. A complete street is not just for commuting - it's also for public activities and businesses.

You will conceptualize your design for a proposed complete street using hand rendering and CAD, and then you will bring your design to 3D in Sketchup. Create thoughtfully because we will use your sketchup model for the final assignment in this semester, which is to assemble a design proposal packet for a complete street segment. What you are creating in this assignment is the frame, foundation, or concept so focus on the geometry and broad strokes and don't worry about the details and the illustrations - we will work on those next assignment.

Your design should include the following:

- At least one structure designed by you that accommodates two kinds of commuters (for example, bus riders and pedestrians).
- Plant material.
- Seating, bike racks, street lights, and other material.

If you wish to design additional spaces along your complete street such as a parklet, food kiosk, or water feature, you can. Just be mindful of the time you have to complete this assignment and try not to overcommit.

Learning Goals

- Connect 2D and 3D design modes in Landscape Design.
- Carry out a workflow from ArcGIS online, to AutoCAD and Sketchup to bring in contour maps and proposed design.
- Mastering the sketchup necessities: import imagery, import CAD drawings, create elevation change, create shapes by pushing and pulling, adding textures and colors, and using the warehouse for adding furniture and plant material.
- Creating a sun study.
- Creating a video walkthrough.
- Exporting perspectives, sections, and plan views from sketchup into simple layouts.

Deliverables

- 1 walk-through video
- 1 11"x17" sun study poster
- 1 11"x17" poster containing 2 sections and 2 perspectives of your site.

Formatting: Your posters will be printed for pinup AND submitted on Canvas. Compile your work in a single pdf, named like so:

202203 _ LastName FirstName ClassName Exercise 03.pdf

Ex: 202203 _ Hendrix Christina LARC1580 Exercise 03.pdf

Project Schedule for Module 03: Model and Exports

Date	Day	Topic Covered	Programs	Class content / Items due
14-Mar	MON	Project Debrief, get familiar with sketchup, read up on complete streets.	Sketchup	Download and activate Sketchup.
16-Mar	WED	Get familiar with sketchup, read up on complete streets.	Sketchup	
21-Mar	MON	Spring Break- no classes		
23-Mar	WED	Spring Break- no classes		
28-Mar	MON	Work on Design either CAD or Hand Rendering.	Sketchup / CAD	
30-Mar	WED	Render Design in Sketchup and CAS	Sketchup / CAD	
4-Apr	MON	Render Design in Sketchup	Sketchup	
6-Apr	WED	Render Design in Sketchup, Produce Posters and Video Walkthrough.	Sketchup, Indesign	
10-Apr	SUN	No Class. Submit material on Canvas		Submit posters and walkthrough video on Canvas.

Grading schema

Item	Criteria for full grade	Percentage
Completion and timeliness	Everything is submitted on time, all the required elements are included. Formatting is correct.	10%
Development curve/ Digital Workflow	Work demonstrates experimentation and innovation. Student developed their graphic skills efficiently. Decisions in analogue and digital programs were sound and efficient to create cohesiveness and optimize quality.	10%
Model Quality	Design is clearly articulated, textures and elements are used thoughtfully, no gaps or missing elements.	30%
Walkthrough	Video is fluid, good angles are selected to show the work on the model	20%
Posters	Sections and perspectives are thoughtfully selected to show different angles of the site. Graphics include plant material, people, and street furniture. Posters are simple and thoughtfully laid out.	30%