SLOPED PRE-EXAM GUIDE

ARCHITECTURE

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SLOPED EXAM - ARCHITECTURE
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Objective:

This guide has been created in order to help prepare you for the Sloped Architecture examination, as well as to give you an overview of what to expect in order to maximize your efficiency during the exam.

Exam Format:

The exam format consists of a stack of PDFs, which will contain dimensioned floor plans for a 2 story residence along with elevations, a perspective, building sections & a cabinetry section. The design has been simplified somewhat from "real world" conditions in order to help you get as far in the modeling as you can. Completely finishing the model during the exam is not likely and this alone will not cause you to fail the exam.

Exam Process:

The exam will take place through a scheduled Zoom call with one of the exam facilitators. About 1/2 hour prior to the call, you will receive an email with the exam instructions attached. Please review it completely before the Zoom call begins. Please do not begin creating any geometry until you are told to do so. The exam facilitator will ask you to show a piece of ID to verify your identity, as well as permission to record the call. You'll be expected to have your webcam on and to be sharing your screen. A quick conversation will take place to ask about your background, education and current work situation and answer any questions you may have about the exam. You will be given 3 hours to complete the exam. At the end of this 3 hours, you'll be expected to email the LayOut file that you've been working on throughout the exam to info@sloped.io.

Scheduling the Exam:

In order to schedule an exam, you must first pass the Preliminary Quiz which you will find on our website. click 'schedule exam' on the webpage 'Independent Professionals'. Fill out the form provided and we will contact you with further information on how to finalize the exam time, as well as a payment link.

Preparing for the Exam:

In order to maximize your time during the exam, we suggest a few things:

1 - Make sure your computer has all of it's required updates so that none will be popping up or interrupting your exam time.

2 - Have SketchUp open and ready to go. Create all of the tags that you will need for the exam shown in the list on the next page. If you have a template file with basic scenes already set up, feel free to use it.

3 - Please take some time to set up a few 24" x 36" sheets in LayOut with your title block and a typical note, dimension and drawing title already inserted. This can save you a lot of time and stress during the exam and help you to get further along before the exam time ends.

Tags to use:

ARCH-Awning
ARCH-Cab Base
ARCH-Cab Countertop
ARCH-Cab Up
ARCH-Ceiling
ARCH-Doors
ARCH-Door 2D Swing
ARCH-Door Slab
ARCH-Floors
ARCH-Railings
ARCH-Roof

ARCH-Stair
ARCH-Walls
ARCH-Walls-Fnd
ARCH-Windows
ARCH-Windows-Glazing (Optional)
CONC-Exterior
CONC-Interior
CONC-Level 1 - Main
CONC-Level 2 - Upper
SITE-Conc Slab
SITE-Fin Grade

Things To Be Aware Of

1 - The first thing to understand is that you will very likely not finish (nobody has yet), so don't stress too much about that. One of the things we are testing for is your ability to balance your work load against the clock and get the "deliverables" as finished as you can.

2 - Accuracy of the model (as far along as you get it) is VERY IMPORTANT. We will measure things like wall thicknesses, heights of window placement, widths of window mullions etc. If SketchUp shows an incorrect measurement or a (~) before the measurement, then it is not considered accurate. If you choose to import PDFs into SketchUp and work over the top of them, make sure the resultant geometry is exactly the correct measurement. This is a "Sloped" standard and one that makes you employable.

3 - The Model you create must be well organized. This means all geometry is in it's correct group or component and tagged appropriately. No loose, floating geometry.

4 - We recognize that every employer who hires an Independent Professional (IP) for their SketchUp services will have a different set of standards, or will rely on you to create them. The aim at Sloped is for our qualified professionals to be able to adapt when presented with an unconventional organizational method, or to use a Sloped recognized method in order to provide continuity for any future IP's who may have to work from your files.

5 - On the last page of this guide, you will find the grading sheet Sloped will use to evaluate your exam. Completing the test does not necessarily guarantee you the highest marks, but rather demonstrating ability in all of the categories listed in the grading sheet. Please take this into consideration when completing the test.

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6 - Each exam is independently graded by (2) members of the Sloped team. As stated before, model accuracy is very important and is weighted a little heavier than other modeling skills. While grading, we ask ourselves, "would I hire this individual to work on my own projects," if the answer is no, you might need some further preparation before being able to pass the exam.

7 - For the Architecture Exam, no organic modeling is required. Plugins for modeling elements like stairs for example may be helpful.

SLOPED - ARCHITECTURE EXAMINATION GRADING SHEET

Applicant's Name: _____

IP Name: _____

Graded By: _____

Field: _____

Categories		Mark out of 5*	Comments
SketchUp			
1	Model Organization - Tag Management		
2	Model Organization - Groups & Components		
3	Use of Native Tools		
4	Use of Appropriate plugins		
5	Style Management		
6	Scenes Management		
7	Overall Modeling Ability		
8	Modeling Accuracy		*(Out of 8 - important!)
9	Speed in SketchUp		
LayOut			
10	Viewport Management		
11	Layer Management		
12	Dimensioning Aptitude		
13	General Proficiency in LayOut		
14	Speed in LayOut		
General			
15	Overall Ability		
16	English - Understanding and Speech		
Personality			
17	Etiquette		
18	Communication and Comprehension		
19	General comportment/environment		
20	Punctuality		*0 = 5+ minutes late, 1 - <5 min late = 1, 2 = On time