**INFO-3111 Summer 2025 – Checkpoint #8**

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| **Due:** At the start of class, **2:00 PM (noon), Thursday, June 17th, 2024** |
| **Submit:** Your **video** to the submission folder in FOL |
| **Worth/weight/mark value:** approximately 1% (There will be up to 12 checkpoints, *all together worth 10%*, and the lowest two marks (including marks of zero/no submissions) being dropped (not included in your mark). |

Using a **scene from Project #1, or a completely new sceneϮ**, show at least five (5) models that have various levels of alpha transparency AND have “order independent” transparency:

* Sort the transparent objects from “back to front” (i.e. farthest from the camera to nearest).
* Draw non-transparent/opaque/solid object first…
* …then draw the transparent objects from “back to front”.

**Ϯ** The “scene” has to be “reasonably complex” and “sensible”.

* “reasonably complex”: There has to be at least twenty (20) models of at least eight (8) types.
* “sensible”: It must be a recognizable scene. I can be “fantastic”. A good guide is if you showed it to a child and asked what it was showing – they might say “oh, it’s giant bunny rabbits attacking a city” and that would be OK; it’s “fantastic” but you can clearly tell what it is.
* If it looks like a bunch or random models scattered all over the place, it’s **not** acceptable.
* You can **NOT**just use the scene from class (which is not complex enough or reasonable, anyway)

**Bonus:**

* Show a couple spotlights in your scene. They should be clearly distinct from a point light.

Please **record and submit a video** where you move your camera around, showing that you’ve met the requirements. I’d suggest that you narrate what you are showing.

I do ***not***need you to submit your solution.