

## Project

**DATE DUE:** see website

### Goals:

To explore Pyro, Fluids or Crowds discussed during the quarter and produce a well rounded portfolio piece.

### Requirements:

The specifications and criteria for this project are purposefully as broad as possible to allow you to explore Houdini in a manner you are most interested in.

- shot will be 5–10 seconds. (longer shots should be pre-approved)
- resolution will be 1,280 by 720 pixels (or maximum size reasonable to produce, likely 720 maximum dimension) if rendering toward end of quarter.
- you will present your progress in dailies and the class before the due date (this is mandatory and counts toward your final grade)
- integration with a background plate is optional, but encouraged **if** you have those skills.
- Your project must include **one** of the following: pyro, fluid or crowds
- **You will be producing a technical breakdown for the shot.**

The following would work toward moving shot grades into the “A” range:

- Integration with a photographic background plate.
- Evidence of exploration of particular topics well beyond what was covered in class.
- Consistently presenting progress during dailies.
- Exceptional complexity of effects.
- Exceptional technical breakdown.
- Exceptional look development (lighting, texturing and rendering).

### Considerations:

Use your time management skills wisely. Examples of projects will be discussed in class. You are not required to work in groups, but this is an option if you have a plan but must be pre-approved by Professor Fowler.

### Grading:

Producing a well rounded portfolio piece is important. The project will be judged on completion, complexity, organization and clarity, proposal and presentation. A well executed simpler project is preferred over an incomplete complex project.

### Submissions guidelines:

The project will be submitted as a directory, **W18\_V728\_P\_LastnameFirstname\_Title/**  
This directory should contain the following:

- **W18\_V728\_P\_LastnameFirstname\_Title.hipnc**
- **W18\_V728\_P\_LastnameFirstname\_Title.pdf** with a technical breakdown, or link to a website where the breakdown exists.
- **W18\_V728\_P\_LastnameFirstname\_Title.png** beauty shot please (high resolution). Please note, if you also include a wireframe version along with the beauty shot publicity stills often are selected with a side by side when available.
- **W18\_V728\_P\_LastnameFirstname\_Title.mov** minimum of 10 seconds of animation, high-quality H.264 compression, 1280 X 720 pixels **OR 720 X 480**.
- Additional information:
  - **reference/** subdirectory – reference image/scanned artwork,
  - **reference/sources.pdf**, indicating primary references/influences for the project and the source of the submitted reference images, including appropriate URLs. Please have your proposal images in the dropbox when due.

*Important note:* Strict attention to these naming conventions is required. This is reflected in the grading.

Grading Guidelines: See Class notes for Rubric.