Real or CG?

http://area.autodesk.com/fakeorfoto
Real or CG?

Real or CG?
Real or CG?
Applications of Graphics

• film & visual effects
• virtual reality
• games
• training simulators
• Google Earth, Streetview, …
• IKEA catalog
• …
Topics

2D imaging
modeling
animation
rendering

Other Topics

- colour perception
- novel interface design “imagination amplification”
- 3D printing
- computational photography
- ....
Applications, APIs, and Theory

- focus is on theory + some API knowledge

WebGL

- this is a graphics course that uses WebGL
  - not a course *on* WebGL

- some lecture coverage of:
  - javascript (survey?)
  - WebGL

- three.js
- possibly one assignment in C++
Administrivia

- course web page
- lectures, in-class notes
- discussion: Piazza
- grading
  - assignments: theory + coding
  - participation: worksheets, pre-class prep
  - two midterms
- late days
- lab

Other Graphics Courses

- CPSC 424: Geometric Modeling (next year)
- CPSC 426: Computer Animation (this term)
- CPSC 526: Computer Animation
- CPSC 524: Computer Graphics: Modeling
- CPSC 547: Information Visualization (this term)
Next class

• Math review

• Homework
  • Piazza account
  • play with three.js examples