# Computer Vision (CSE 455)

### Staff

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# Web Page

http://www.cs.washington.edu/education/courses/cse455/03wi/

## Handouts

course info signup sheet

# Today

Overview of Computer Vision Overview of Course Image Filtering

### Readings for this week

- Forsyth & Ponce, chapters 8.1-8.2
  http://www.cs.washington.edu/education/courses/490cv/02///readings/book-7-revised-a-indx.pdf
- Intelligent Scissors
  The American Science Advances (ASCAR) Science (ASCAR) Science (ASCAR) Science (ASCAR) (A





# Perception

























Project 3: Single View Modeling





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# Grading

Programming Projects (70%)

- image scissors
- panoramas
- single view modeling
- face recognition
- Midterm (15%)

Final (15%)

# **General Comments**

Prerequisites-these are essential!

- Data structures (CSE 326)
- A good working knowledge of C and C++ programming
- Linear algebra
- Vector calculus
- Course does not assume prior imaging experience • computer vision, image processing, graphics, etc.

Emphasis on programming projects!