

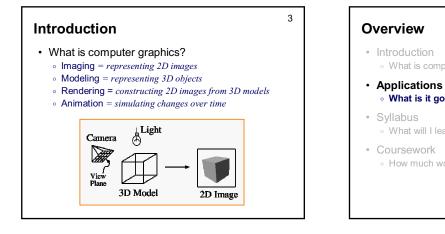


 Introduction • What is computer graphics? · Applications

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- What is it good for?
- · Syllabus • What will I learn in this course?
- Coursework • How much work will there be?



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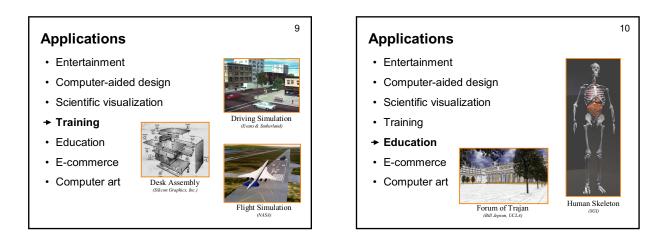
## **Applications**

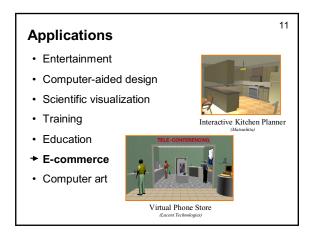
- Entertainment
- · Computer-aided design
- · Scientific visualization
- Training
- · Education
- E-commerce
- · Computer art

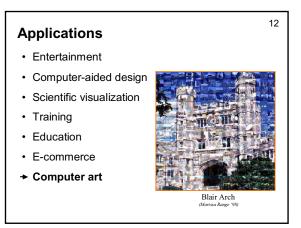
## 6 **Applications** · Computer-aided design · Scientific visualization • Training Jurasic Park · Education • E-commerce Geri's Game · Computer art Quake

## 1

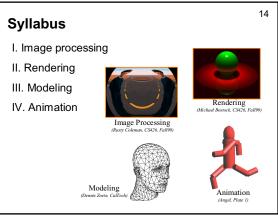


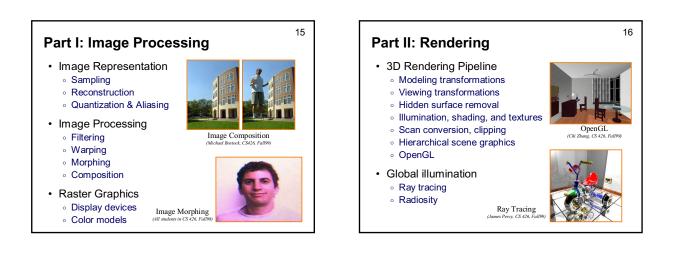


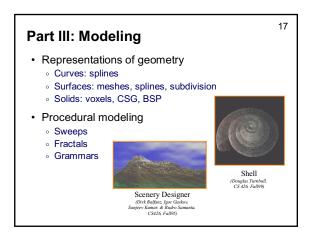


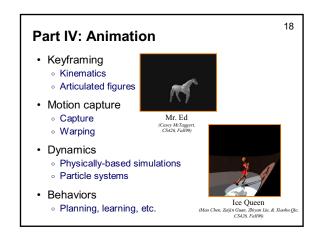












## **Overview**

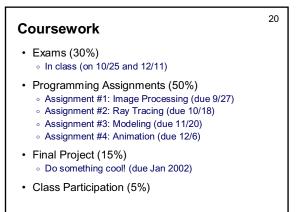
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## 21 Programming Assignments When? Roughly every two weeks Where? Anywhere you want, e.g. home or MECA lab How? Windows 2000 (E417) or Unix (E423) C and C++, OpenGL, GLUT

- What?
  - Basic feature lists
  - Extra credit lists
  - Art contest

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## **Collaboration Policy**

- · Overview:
  - You must write your own code (no credit for other code)
     You must reference your sources of any ideas/code
- It's OK to ...
  - Talk with other students about ideas, approaches, etc.
  - · Get ideas from information in books, web sites, etc.
  - Get "support" code from example programs
  - » But, you must reference your sources
- It's NOT OK to …
  - Share code with another student
  - Use ideas or code acquired from another sources without attribution

## **Distinguished Lecture Series**

See some visionaries in computer graphics!

Some Wednesdays, 4-5pm, Small Auditorium (room 105)

- 10/10 Hugues Hoppe, Microsoft Research
- 10/17 Turner Whitted, Microsoft Research
- 11/14 John Hughes, Brown University
- 11/28 Henry Fuchs, UNC
- 12/5 Pat Hanrahan, Stanford University
- 12/12 Jessica Hodgins, CMU

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