

# <section-header><section-header><section-header><text><text><text><text><text><text><text>

# What is Computer Graphics?

Computers...

accept, process, transform and present information.

Computer Graphics...

involves technology to accept, process, transform and present information in a visual form.

## Ok but... what is the course really about?

Graphics algorithms Graphics data structures Color and human vision Graphical interface design and programming Modeling, Animation, Rendering

### What its not about?

Photoshop, AutoCAD, Maya, Renderman, Graphics APIs.

...wow, heavy math and computer science!!









































# The Tiger Experience

The light is carrying green down from the canopy, sometimes touching the tiger, sometimes missing, sometimes surrounding with a hollow kernel.

Leaves and branches move away on his path, it seems reluctantly, the only things not afraid, but only revealing their defiance once he has passed.

Ahead an opening, at first only visible as a lightening of the green, then a hole in the curtain, then mist, then almost unbearable light bouncing back from the water. The river.



# The Tiger Experience

The tiger swims, slowly, as calm and as powerful as the waters around him, oblivious to the current and all it advects past its glistening body, sometimes only stripes floating at the surface.

Then the tiger swims towards the other bank, now walks still half in water, now is totally out, and water runs off his body, briefly like a liquid fur.

Still for a moment, he is surrounded by a thin layer of steam. Then the tiger shakes his whole body and streams of droplets disperse and amplify his shape, until his fur appears almost dry again.









