









- Lectures: MWF 1-2pm Dempster 301
- Labs: In ICICS 005. Labs start next week. Attendance is not mandatory but highly recommended.
- Course website: Assignments and materials will be posted here http://www.ugrad.cs.ubc.ca/~cs314/Vjan2015
- Grades will be posted on Connect.
- Discussions: We will use Piazza. You will need an access code. Instructions on Connect.





marks %	work	
40	programming assignments (4)	
27	final exam	
33	quizzes (3)	
33	quizzes (3)	

Important change this year

- The assignments will use the WebGL API, which is closely related to the OpenGL API used in previous years
- A huge advantage is that your code will run on any modern browser, without any special compilation
- But this requires JavaScript, which you will have to learn yourself
- We will also use the Three.js library to simplify some aspects















































In this course you will learn how to

- Represent 3D shapes
- Transform 3D shapes
- Render 2D images from 3D shapes
- Model shading and lighting
- Create details of appearance using textures
- Program all of the above using the Three.js library, WebGL API and the GL Shading Language

