	Course Home Page	Course Design	Course Structure Summary
Lecture 1: Introduction Information Visualization CPSG 530C, Fat 2007 Tamara Muraner USC Compan Science 10 September 2007	main source     neadings, lecture stides, all information     nisolar frequently, spaties common!     permanent UP.     www.cs.ubc.ca" fremitourses/spaci33s-07-fall     storace     www.cs.ubc.ca" fremitourses/9033	- mading intensive course - reading from toaded in first 7 weeks - oral presentations - major presentation - majo	class participation: 25% questions 75%, decussion 25% presentation: 25% project. 2
Course Structure  * lectures ireadings  * professor features  * all do core readings  * submit quasients for each lecture (19%)  presentations (25%)  * reades 3 22  * student presentations  - only presented does logic readings  project (55%)  project (55%)  * weeks 5 14	Required Readings  - Ware - Information Visualization: Perception for Design - Indice defices - Trade of Control of Contr	Participation  • 6% discussions in class • both licitures and student presentations • 19% 5 questions on required readings • due are row hollwide for day reading • attendance expected • # you can't attend no oredit if email after noon	Questions  - questions or comments - fine to be less formal than written report - (convert gamma and spotting expected nevertheless) - should be thoughful, show you've read and reflected - poor too skut exmelting finish to show up using - sho salk for durification of genumity confusing - grading from bouthet: - great 109%, good 89%, ox 78%, poor 67%, zeo 0%
proposal 10%, update 10%, report 20%, presentation 10%, content 50%	(m) (d) (3) (3) (3) (3) (4)	- m g g g g g g g g g g g g	(m. (g) (3 (3 (3 (3 (3 (3 (3 (3 (3 (3 (3 (3 (3
Question Examples: Poor	Question Examples: OK	Question Examples: Good	Question Examples: Great
Well, what exactly Pad++ is? Is it a programming library or a set of AP or a programming labrary or a set of AP or a programming labrary or a set of AP or a programming labrary or a programming labrary or a programming labrary or a programming labrary or a labrary	• This seems like something but to play around with, are there any real implementations of first? Has a good application for this by set orining been huma? and application of the seems the second be anymore? I am for the seems the second be anymore? I am for the seems the second be anymore? I am for the seems of	I would be intensing to compare the approach in the year of the property of th	• This content as to be that would have beganded if the suffers had aimply presented the values of the text parameters for the parameter to the parameter parame
Presentations	Projects	Reserve Books	Information Visualization
sacond salf of class     material (exact numbers 18D, depending on errollment)     X) pages from my suggestions     talk     idea required     idea req	- choice 1: programming - common case of separating students who do programming projects - choice 2: analysis - use establing poids on disaset - use students prode on disaset - usuable for non-CB students - students - students - students - recovered and non-CB 16:19 (at latest) - recovered de no CB 28 - recovered de no CB 28 - recovered de no CB 28 - recovered non-CB 16:10 (at latest) - recovered non-CB 16:10 (at	Information Vasualization: Perception for Design, Colin Ware (End ed) of Colin Ware (End e	Visual representation of abstract data     computer generated, can be interactive

Interactivity	Information Visualization	Information Visualization	Information Visualization
static images     10,000 pear     stil graphic design     moving images     cinematography     internating raphic     20 years     computer graphics, human-computer interaction	visual representation of abstract data     computer generated, can be interactive     holp furnian perform some balk more effectively	Visual representation of abstract data     compute generated, can be interactive     help harma perform some taken were disclosely     bidging many fields     captilities discretely interactive     graphics discretely interactive     captilities     HCE using task to guide design and evaluation	Visual representation of abstract data computer generated, can be streactive help human perform more tast one effectively brights many feelbs register, decreasing in seatmen group of the content of th
External Representation: multiplication	External Representation: multiplication	External Representation: multiplication	External Representation: multiplication
External Representation: multiplication	External Representation: multiplication	External Representation: multiplication	External Representation: multiplication
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External Representation: multiplication	External Representation: multiplication	External Representation: multiplication	External Representation: multiplication
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57 x 48	57 x 48 [5*4=20+2=22]	57 x 48	57 × 48
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