

6/27/06

Computer Visualization Study (spr. 2006, p114)

Students Answering "No" to survey quest. 1
on final EXAM = 141

These are students agreeing to participate
in study

visualizations viewed	4 or greater n=51	3 or less n=90
<BNA>	81	80
<Text>	4.2	3.9
<Lect>	3.8	3.7
<Workshop>	3.6	3.5
<Prob sets>	3.9	4.0
<Visualizations>	2.8	—
<Project>	2.2	2.1
<TA OH>	1.6	1.8
<labs>	1.8	1.7
<Q+A>	2.1	2.5
<Prof OH>	2.2	2.0
<PRS>	3.1	3.1

441 students viewed 5 or more visualizations

<u>Visualization</u>	<u>Student count</u>	<u>< helpfulness of vis. ></u>
Coulomb	43	3.1
Elect. field	41	3.3
Elect. Flux	43	3.3
Mag. Field	39	3.3
Mag. STAT.	33	3.1
Mag. induction	36	3.6
EM Waves	33	3.9
Polarization	28	3.8
Snell	23	3.3
Interference	23	3.3