

## IT Proficiency Survey 2007 Results

### The Definition of Computer Proficiency

1. What do you consider to be the definition of computer proficiency?		
	Res	Res %
Students know where the computer's start/power button is located	3	0.4%
Students can surf the web, communicate via email, download/upload images, and chat in Instant Messenger or chat rooms.	43	5.4%
Students have a working knowledge of basic capability of application software (i.e. word processing, spreadsheet, presentations, etc.)	459	57.6%
Students have advanced capabilities (i.e. editing images, creating graphs, manipulating tables and formulas, etc.)	177	22.2%
Students are able to participate in Web site development, Java programming, etc.	10	1.3%
Other	105	13.2%
	<b>797</b>	
Skipped This Q	0	

### Students Level of Proficiency in Various Applications

Instant Messenger/Email/Web surfing/Audio & Visual file downloads (iPod)		
Exceptional (could teach their own class)	49	6.7%
Advanced Capabilities	160	21.7%
Working Knowledge	412	56.0%
Limited Skills	78	10.6%
None	6	0.8%
Unknown	31	4.2%
	<b>736</b>	
Skipped This Q	61	

Word Processing		
Exceptional (could teach their own class)	10	1.4%
Advanced Capabilities	145	19.7%
Working Knowledge	478	65.0%
Limited Skills	98	13.3%
None	0	0.0%
Unknown	5	0.7%
	<b>736</b>	
Skipped This Q	61	

Spreadsheets		
Exceptional (could teach their own class)	8	1.1%
Advanced Capabilities	82	11.1%
Working Knowledge	297	40.4%
Limited Skills	326	44.3%
None	12	1.6%
Unknown	11	1.5%
	<b>736</b>	
Skipped This Q	61	

Presentations		
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Exceptional (could teach their own class)	13	1.8%
Advanced Capabilities	131	17.8%
Working Knowledge	383	52.0%
Limited Skills	190	25.8%
None	9	1.2%
Unknown	10	1.4%
	<b>736</b>	
Skipped This Q	61	

<b>Database Programs</b>		
Exceptional (could teach their own class)	7	1.0%
Advanced Capabilities	29	3.9%
Working Knowledge	177	24.1%
Limited Skills	292	39.7%
None	205	27.9%
Unknown	26	3.5%
	<b>736</b>	
Skipped This Q	61	

<b>Internet Research</b>		
Exceptional (could teach their own class)	22	3.0%
Advanced Capabilities	158	21.5%
Working Knowledge	353	48.0%
Limited Skills	180	24.5%
None	14	1.9%
Unknown	9	1.2%
	<b>736</b>	
Skipped This Q	61	

<b>Photoshop/Illustrator/Graphics/Adobe/Scanners</b>		
Exceptional (could teach own class)	8	1.1%
Advanced Capabilities	27	3.7%
Working Knowledge	119	16.2%
Limited Skills	287	39.0%
None	204	27.7%
Unknown	91	12.4%
	<b>736</b>	
Skipped This Q	61	

<b>AVI/MPEG/JAVA/Real Players/QuickTime</b>		
Exceptional (could teach own class)	4	0.5%
Advanced Capabilities	37	5.0%
Working Knowledge	140	19.0%
Limited Skills	279	37.9%
None	172	23.4%
Unknown	104	14.1%
	<b>736</b>	
Skipped This Q	61	

<b>Programming/HTML</b>		
Exceptional (could teach own class)	7	1.0%
Advanced Capabilities	18	2.5%

Working Knowledge	88	12.0%
Limited Skills	228	31.0%
None	316	42.9%
Unknown	79	10.7%
	<b>736</b>	
Skipped This Q	61	

<b>Web Conferencing (i.e. Webex)</b>		
Exceptional (could teach own class)	5	0.7%
Advanced Capabilities	3	0.4%
Working Knowledge	47	6.4%
Limited Skills	158	21.5%
None	392	53.3%
Unknown	131	17.8%
	<b>736</b>	
Skipped This Q	61	

### Assessment Programs, Requirements, Other

<b>Does your institution have a formalized way to determine whether or not students are proficient in technology?</b>		
YES	261	35.7%
NO	471	64.3%
	<b>732</b>	
	65	

<b>How does your institution determine proficiency?</b>		
Test	139	53.3%
Proof of intro courses taken	70	26.8%
Other	52	19.9%
	<b>261</b>	
Skipped This Q	536	

<b>Does your institution have a technology requirement for all students?</b>		
YES	422	57.9%
NO	307	42.1%
	<b>729</b>	
Skipped This Q	68	

<b>What percentage of your students will pursue careers specifically in the IT field after graduation?</b>		
0%	15	2.1%
1% - 25%	498	70.1%
26% - 50%	99	13.9%
51% - 75%	45	6.3%
76% - 99%	40	5.6%
100%	13	1.8%
	<b>710</b>	
Skipped This Q	87	

<b>What percentage of your students do you estimate will utilize IT skills in their careers after graduation?</b>		
0%	4	0.6%

1% - 25%	77	10.9%
26% - 50%	98	13.8%
51% - 75%	165	23.2%
76% - 99%	255	35.9%
100%	111	15.6%
	<b>710</b>	
Skipped This Q	87	

<b>What is the approximate make-up of your enrolled students (IT courses) by gender?</b>		
Approximately split (50% men - 50% women)	216	30.4%
More men than women	244	34.4%
More women than men	250	35.2%
	<b>710</b>	
	87	

<b>How long have you been teaching?</b>		
0 - 5 years	61	8.7%
6 - 10 years	191	27.2%
11 - 15 years	128	18.2%
16 - 20 years	98	13.9%
21+ years	225	32.0%
	<b>703</b>	
Skipped This Q	94	

<b>Please select the type of institution at which you teach?</b>		
4-year college or university	183	26.0%
2-year college	357	50.8%
Career college	49	7.0%
High School	91	12.9%
Other	23	3.3%
	<b>703</b>	
	94	