

STUDENT BACKGROUND AND PREFERENCES

This questionnaire was administered on the last day of class. Completed questionnaires were obtained from 40 students. The percentage of students who chose each of the various response options and average scale scores are shown below..

<p>1. What is your class level?</p> <table border="0"> <tr><td>freshman</td><td>64.1</td></tr> <tr><td>sophomore</td><td>2.6</td></tr> <tr><td>junior</td><td>10.3</td></tr> <tr><td>senior</td><td>23.1</td></tr> </table> <p>2. Your gender?</p> <table border="0"> <tr><td>male</td><td>65.0</td></tr> <tr><td>female</td><td>35.0</td></tr> </table>	freshman	64.1	sophomore	2.6	junior	10.3	senior	23.1	male	65.0	female	35.0	<p>3. What is the highest level math class you have taken?</p> <table border="0"> <tr><td>algebra</td><td>10.0</td></tr> <tr><td>elementary functions</td><td>7.5</td></tr> <tr><td>precalculus</td><td>40.0</td></tr> <tr><td>calculus</td><td>40.0</td></tr> <tr><td>beyond calculus</td><td>2.5</td></tr> </table> <p>4. During the past year, how many papers did you write that required a significant amount of library or Internet research?</p> <table border="0"> <tr><td>1</td><td>17.5</td><td>3-4</td><td>27.5</td></tr> <tr><td>2</td><td>32.5</td><td>5+</td><td>22.5</td></tr> </table>	algebra	10.0	elementary functions	7.5	precalculus	40.0	calculus	40.0	beyond calculus	2.5	1	17.5	3-4	27.5	2	32.5	5+	22.5
freshman	64.1																														
sophomore	2.6																														
junior	10.3																														
senior	23.1																														
male	65.0																														
female	35.0																														
algebra	10.0																														
elementary functions	7.5																														
precalculus	40.0																														
calculus	40.0																														
beyond calculus	2.5																														
1	17.5	3-4	27.5																												
2	32.5	5+	22.5																												

5. Why are you taking this class?

<p>6. During the past year, how often did you:</p> <p>Use a computer:</p> <p>a. in a classroom, lab or library?</p> <p>b. at your residence to do coursework?</p> <p>c. at your residence to do your own projects or creative work?</p> <p>d. at your residence for fun or to play games?</p> <p>e. Use a word processor (e.g., WordPerfect or Microsoft Word)?</p> <p>f. Use a spreadsheet (e.g., Microsoft Exel or Quatropro)?</p> <p>g. Use presentation software (e.g., Microsoft Powerpoint)?</p> <p>h. Use a database (e.g., FoxPro, Microsoft Access)?</p> <p>i. Use bibliographic software (e.g., EndNote, ProCite)?</p> <p>j. Use an Internet browser (e.g., Internet Explorer or Netscape)?</p> <p>k. Research topics using on-line library resources?</p> <p>l. Research topics on the Internet?</p> <p>m. Communicate using e-mail?</p> <p>n. Participate in on-line discussion groups?</p> <p>o. Create pages on the Internet?</p> <p>p. Write computer programs?</p>	<table border="0"> <tr> <td>Daily or nearly every day</td> <td>2-3 times a week</td> <td>Once a week</td> <td>1-2 times a month</td> <td>Once or a few times</td> <td>Never</td> </tr> </table>	Daily or nearly every day	2-3 times a week	Once a week	1-2 times a month	Once or a few times	Never
Daily or nearly every day	2-3 times a week	Once a week	1-2 times a month	Once or a few times	Never		

<p>7. Do you have software preferences?</p>	<table border="0"> <tr> <td style="text-align: center;">Preferred Software</td> <td style="text-align: center;">No Preference</td> </tr> </table>	Preferred Software	No Preference	<table border="0"> <tr> <td colspan="5" style="text-align: center;"><u>Ability Level</u></td> </tr> <tr> <td style="text-align: center;">Beginner (1)</td> <td style="text-align: center;">Beginning Intermed (2)</td> <td style="text-align: center;">Intermed (3)</td> <td style="text-align: center;">Advanced Intermed (4)</td> <td style="text-align: center;">Expert (5)</td> <td style="text-align: center;"><u>Mean</u></td> </tr> </table>	<u>Ability Level</u>					Beginner (1)	Beginning Intermed (2)	Intermed (3)	Advanced Intermed (4)	Expert (5)	<u>Mean</u>
Preferred Software	No Preference														
<u>Ability Level</u>															
Beginner (1)	Beginning Intermed (2)	Intermed (3)	Advanced Intermed (4)	Expert (5)	<u>Mean</u>										

OVER

8. How would you describe yourself on each of the following?	Not so good				Very good		<u>Mean</u>
	(1)	(2)	(3)	(4)	(5)		
a. Math	15.0	15.0	35.0	22.5	12.5	3.03	
b. Research skills	2.5	17.5	55.0	20.0	5.0	3.08	
c. Writing	2.5	17.5	45.0	22.5	12.5	3.25	

9. How much do you agree with each of the following statements?	Strongly Disagree	Disagree	Not Sure	Agree	Strongly Agree	<u>Mean</u>
	(1)	(2)	(3)	(4)	(5)	
a. Generally, I would feel OK about trying a new application on the computer.		7.5	12.5	47.5	32.5	4.05
b. I'm no good with computers.	17.5	50.0	17.5	10.0	5.0	2.35
c. I do not feel threatened when others talk about computers.	2.6	20.5	25.6	35.9	15.4	3.41
d. Computers make me feel uncomfortable.	35.9	41.0	12.8	7.7	2.6	2.00
e. I feel intimidated by computers.	33.3	35.9	17.9	7.7	5.1	2.15
f. Computers are difficult to understand and frustrating to work with.	28.2	30.8	17.9	23.1		2.36
g. I am confident that I can learn computer skills.		2.5	7.5	52.5	37.5	4.25

10. You are short of funds for the academic year and need to get a part-time job. Describe the strategies and/or list the steps you would take to find the right job for you.

or

A professor in one of your classes assigns a research project or paper. Describe the strategies and/or list the steps you would take to find information on your topic.

11. You are given the web address for information you need for your next class, but when you try to go to that address, there is no such page. There is no one who can help you. Describe the strategies and/or list the steps you would take to find the correct address on your own.

or

You are working on an important paper that you have to turn in next class period. The paper is finished and in your word processor but the printer won't print. There is no one who can help you. Describe the strategies and/or list the steps you would take to troubleshoot the problem and get the printer to work.
