2007 ESU Grades 6-12 Workshop Survey - Information Technology

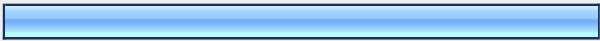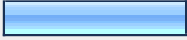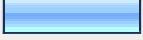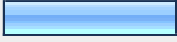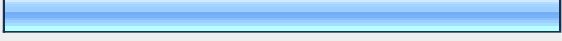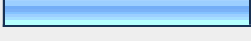### 1. Name of school:

	Response Count
	182
answered question	182
skipped question	0

2. Identify the school level:

		Response Percent	Response Count
Middle School		11.2%	20
High School		**61.8%**	110
6-12		27.0%	48
	answered question		178
	skipped question		4
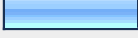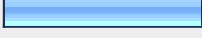
3. Identify the city location of your school:

	Response Count
	182
answered question	182
skipped question	0

4. The name of the teacher completing this survey (only one survey per middle level building or high school building is requested).

	Response Count
	182
answered question	182
skipped question	0

5. Identify the computer platform(s) used in your business department:

		Response Percent	Response Count
Windows		**65.5%**	116
Macintosh		19.8%	35
Both platforms		14.7%	26
		answered question	**177**
		skipped question	**5**

6. If the Windows platform is used in your business department, which Applications do you use (check all that apply):

		Response Percent	Response Count
Not Applicable		1.8%	3
Office 2007		18.7%	31
Office 2003		**61.4%**	102
Office XP		45.8%	76
Office 2000		27.1%	45
Office 97		3.0%	5
Microsoft Works		7.8%	13
Open Office, StarOffice or any open source application		0.6%	1
		answered question	**166**
		skipped question	**16**
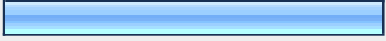
7. which Operating Systems do you use (check all that apply):

		Response Percent	Response Count
Not Applicable		2.4%	4
Vista		4.8%	8
Windows XP		**85.0%**	142
Windows 2000		14.4%	24
Other (please specify)		21.6%	36
	answered question		167
	skipped question		15
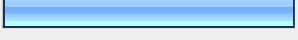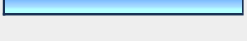
8. If the Macintosh platform is used in your business department, which Applications do you use (check all that apply):

|		Response Percent	Response Count
Not Applicable		**65.0%**	80
Office 2004		27.6%	34
Office 2001		4.9%	6
Apple Works		8.1%	10
Any open source application		0.0%	0
	answered question		123
	skipped question		59

9. Based on a 7- or 8-period day, identify the length of KEYBOARDING INSTRUCTION required of ALL students during MIDDLE/JR. HIGH SCHOOL. Check the option that best represents the total amount of time dedicated to keyboarding during the entire middle/jr. high school experience.

		Response Percent	Response Count
6 weeks		8.3%	14
9 weeks (1 quarter)		30.4%	51
18 weeks (I semester)		**41.7%**	70
27 weeks (3 quarters)		3.6%	6
36 weeks (2 semesters)		7.1%	12
3 semesters		1.2%	2
4 semesters		0.6%	1
Not required of ALL students		7.1%	12
	answered question		**168**
	skipped question		**14**
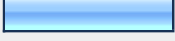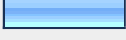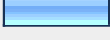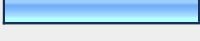
10. Based on a 7- or 8-period day, identify the length of COMPUTER APPLICATIONS/TECHNOLOGY INSTRUCTION time required of ALL students during MIDDLE/JR. HIGH SCHOOL. Check the option that best represents the total amount of time dedicated to computer applications/technology instruction during the entire middle/jr. high school experience.

		Response Percent	Response Count
6 weeks		6.7%	11
9 weeks (1 quarter)		25.0%	41
18 weeks (I semester)		**31.7%**	52
27 weeks (3 quarters)		1.8%	3
36 weeks (2 semesters)		6.7%	11
3 semesters		0.6%	1
4 semesters		1.2%	2
Not required of ALL students		26.2%	43
	answered question		**164**
	skipped question		**18**
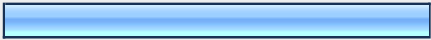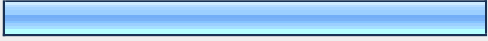
11. Based on a 7- or 8-period day, identify the length of COMPUTER APPLICATIONS/TECHNOLOGY INSTRUCTION time required of ALL students during HIGH SCHOOL. Check the option that best represents the total amount of time dedicated to computer applications/technology instruction during the entire high school experience.

		Response Percent	Response Count
6 weeks		0.0%	0
9 weeks (1 quarter)		1.8%	3
18 weeks (I semester)		24.0%	40
27 weeks (3 quarters)		0.6%	1
36 weeks (2 semesters)		**43.1%**	72
3 semesters		1.2%	2
4 semesters		4.8%	8
Not required of ALL students		24.6%	41
		answered question	167
		skipped question	15
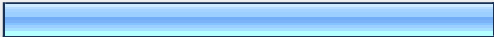
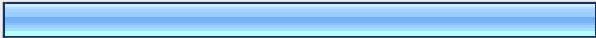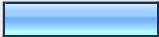**12. Indicate the total number of courses offered by counting semesters of computer and/or technology courses that are offered in the business department. Don't count number of sections but include the number of different or unique courses that exist. Don't count courses offered in other departments.**

		Response Percent	Response Count
1 semester		0.6%	1
2 semesters		8.9%	15
3 semesters		9.5%	16
4 semesters		18.3%	31
5 semesters		13.0%	22
6 semesters		11.2%	19
7 semesters		**21.3%**	36
8 semesters		9.5%	16
9 semesters		1.8%	3
10 semesters		3.6%	6
Other (please specify)		2.4%	4
		answered question	**169**
		skipped question	**13**
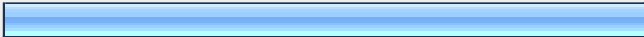
13. Does your school offer at least one semester of a programming course?

		Response Percent	Response Count
Yes		46.8%	80
No		**53.2%**	91
		answered question	**171**
		skipped question	**11**
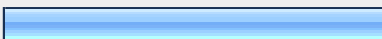
14. Identify the department(s) in which programming is taught:

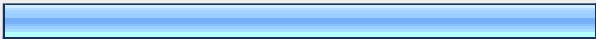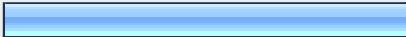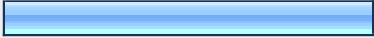|		Response Percent	Response Count
Business		53.8%	42
Computer/Technology		**65.4%**	51
Math		16.7%	13
Science		2.6%	2
Other (please specify)		6.4%	5
	answered question		78
	skipped question		104
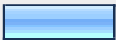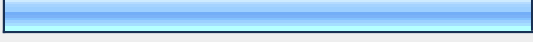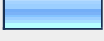
15. If your school offers at least one semester of a programming course, check all the programming languages offered.

		Response Percent	Response Count
Visual Basic		**70.7%**	53
C++		64.0%	48
Java		53.3%	40
HTML		65.3%	49
SQL		1.3%	1
RPG		0.0%	0
COBOL		4.0%	3
Assembler		0.0%	0
Other (please specify)		14.7%	11
	answered question		75
	skipped question		107

16. Are business students given the opportunity to learn networking systems in your school?

		Response Percent	Response Count
Yes		44.4%	75
No		**55.6%**	94
	answered question		169
	skipped question		13

17. Indicate in which department these courses are offered:

		Response Percent	Response Count
Business		40.5%	30
Industrial Technology		16.2%	12
Math		1.4%	1
Science		0.0%	0
Other (please specify)		**41.9%**	31
	answered question		74
	skipped question		108

18. Indicate which courses are offered in your school (check all that apply).

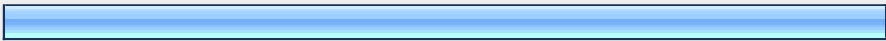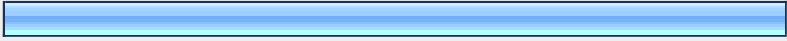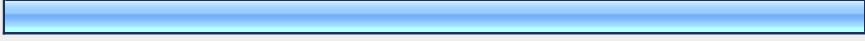|		Response Percent	Response Count
A+ course		11.9%	8
CISCO course		31.3%	21
Help Desk course		4.5%	3
Networking course		**58.2%**	39
TECHS (ESU 10's online course)		10.4%	7
Other (please specify)		6.0%	4
	answered question		67
	skipped question		115
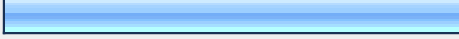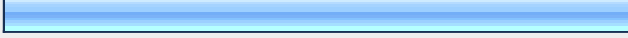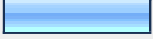
19. Are business students given the opportunity to use digital cameras, scanners and multimedia software in the business department?
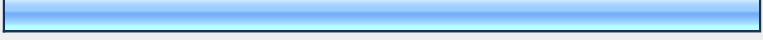
		Response Percent	Response Count
Yes		**96.4%**	162
No		3.6%	6
	answered question		168
	skipped question		14
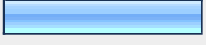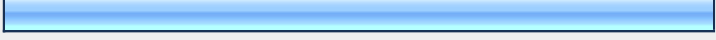
20. Check all that students are able to use or learn:
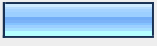
		Response Percent	Response Count
Scanner		**97.5%**	159
Digital video camera		86.5%	141
Digital still camera		95.1%	155
Other (please specify)		8.0%	13
	answered question		163
	skipped question		19

21. Are business students given the opportunity to develop web pages in the business department?

		Response Percent	Response Count
Yes		**80.5%**	136
No		19.5%	33
	answered question		169
	skipped question		13
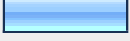
22. What software is utilized (check all that apply):

		Response Percent	Response Count
Contribute		19.8%	26
FrontPage		28.2%	37
HTML Coding		50.4%	66
Dreamweaver		**69.5%**	91
Adobe Go Live		4.6%	6
JavaScript Flash		8.4%	11
Other (please specify)		16.0%	21
	answered question		131
	skipped question		51
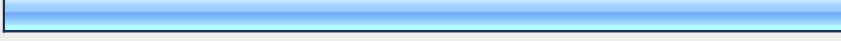
23. Is web page development offered in other departments (check all that apply)?

		Response Percent	Response Count
Art		4.4%	4
English		1.1%	1
Tech/Computer		**83.5%**	76
Math		6.6%	6
Science		3.3%	3
Journalism		5.5%	5
Other (please specify)		5.5%	5
		answered question	**91**
		skipped question	**91**
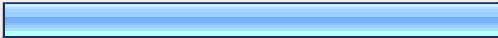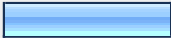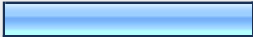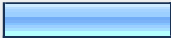
24. Are business students given the opportunity to use learning management systems like Angel or Blackboard to enhance their classroom instruction?

		Response Percent	Response Count
Yes		21.6%	36
No		**78.4%**	131
		answered question	**167**
		skipped question	**15**
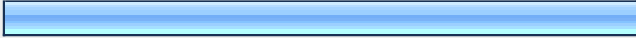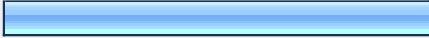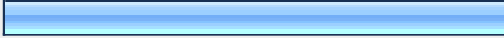
25. Does your school have a policy that allows students to use personal email accounts such as Gmail, Yahoo, Hotmail, etc. to enhance their classroom instruction?

		Response Percent	Response Count
Yes		16.1%	27
No		**83.9%**	141
		answered question	**168**
		skipped question	**14**
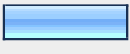
26. Are business students prepared for industry certifications in the business department (even though they may not take the test(s))?

		Response Percent	Response Count
Yes		49.7%	82
No		**50.3%**	83
	answered question		165
	skipped question		17
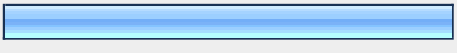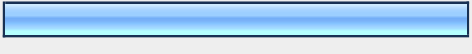
27. For which certifications are they being prepared?

		Response Percent	Response Count
MOS		**79.4%**	54
CISCO		13.2%	9
A+		7.4%	5
Other (please specify)		7.4%	5
	answered question		68
	skipped question		114
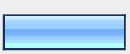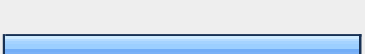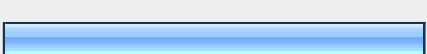
28. Are business students given the opportunity to take industry certification exams in the business department?

		Response Percent	Response Count
Yes		7.3%	12
No		**92.7%**	153
	answered question		165
	skipped question		17

29. Please check all that apply:

		Response Percent	Response Count
MOS		**54.5%**	6
CISCO		18.2%	2
A+		27.3%	3
Other (please specify)		18.2%	2
		answered question	**11**
		skipped question	**171**
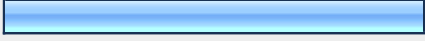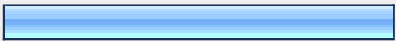
30. Check all of the software applications utilized in your business department:

		Response Percent	Response Count
Microsoft Office – Word		**100.6%**	167
Microsoft Office – Excel		**100.6%**	167
Microsoft Office – Access		75.9%	126
Microsoft Office – PowerPoint		**100.6%**	167
Microsoft Office – Publisher		69.9%	116
Adobe InDesign		37.3%	62
Dreamweaver		57.8%	96
Photoshop Elements		47.0%	78
Photoshop		31.3%	52
Quicken		15.1%	25
Adobe Acrobat		45.2%	75
Adobe Creative Suite applications		21.1%	35
FileMaker Pro		3.6%	6
Final Cut Pro/Express		2.4%	4
iMovie		25.9%	43
MovieMaker		55.4%	92

eZedia		0.6%	1
Other (please specify)		13.3%	22
		answered question	166
		skipped question	16
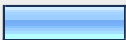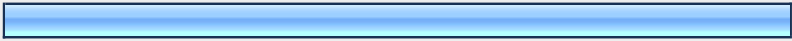
31. Are business students given the opportunity to use speech recognition?

		Response Percent	Response Count
Yes		49.4%	82
No		**51.2%**	85
		answered question	166
		skipped question	16
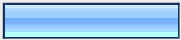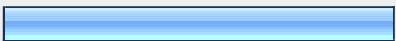
32. Please check the course(s) that introduce(s) the student(s) to speech recognition:

		Response Percent	Response Count
Middle level keyboarding course		6.0%	5
Middle level computer applications course		7.1%	6
Sr. high keyboarding course		13.1%	11
Sr. high computer applications course		39.3%	33
Business Procedures, Business Technology, or Emerging Technology courses		**46.4%**	39
Business Communications/Technical Writing course		6.0%	5
		answered question	84
		skipped question	98
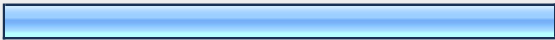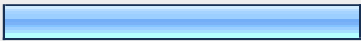
33. If business students are given the opportunity to utilize speech recognition in the business department AFTER it has been formally introduced, check the course(s) that require(s) the student(s) to occasionally utilize speech recognition:

		Response Percent	Response Count
Middle level keyboarding course		0.0%	0
Middle level computer applications course		3.6%	1
Sr. high keyboarding course		7.1%	2
Sr. high computer applications course		**46.4%**	13
Accounting		3.6%	1
Business Procedures, Business Technology, or Emerging Technology course		17.9%	5
Business Communications/Technical Writing course		21.4%	6
Personal Finance, Economics or Introduction to Business		3.6%	1
Any advanced level business administration course		3.6%	1
Any advanced level information technology course		42.9%	12
		answered question	28
		skipped question	154
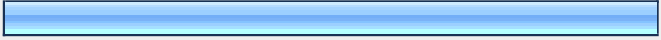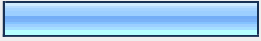
34. Are business students given the opportunity to use handwriting recognition?
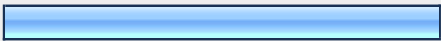
		Response Percent	Response Count
Yes		13.1%	22
No		**86.9%**	146
		answered question	168
		skipped question	14

35. Please check the course(s) that introduce(s) the student(s) to handwriting recognition:

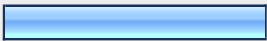|		Response Percent	Response Count
Elementary keyboarding/computer applications		0.0%	0
Middle level keyboarding course		4.8%	1
Middle level computer applications course		19.0%	4
Sr. high keyboarding course		28.6%	6
Sr. high computer applications course		**42.9%**	9
Business Procedures, Business Technology, or Emerging Technology courses		23.8%	5
Business Communications/Technical Writing course		14.3%	3
		answered question	**21**
		skipped question	**161**
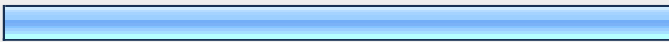
36. Does your district have a scope and sequence for delivering elementary keyboarding?

		Response Percent	Response Count
Yes		**60.9%**	92
No		39.1%	59
		answered question	**151**
		skipped question	**31**

37. Are elementary school teachers delivering elementary keyboarding to ALL students in your feeder schools?

		Response Percent	Response Count
Yes		38.8%	59
No		**61.2%**	93
		answered question	**152**
		skipped question	**30**

38. Does your district have a technology scope and sequence?

		Response Percent	Response Count
Yes		**72.3%**	112
No		27.7%	43
		answered question	**155**
		skipped question	**27**

39. Do you feel that the middle-level students are receiving adequate training in keyboarding? Success is determined by typing accurately for 2 minutes at 30-40 wam.

		Response Percent	Response Count
Yes		48.1%	77
No		**51.9%**	83
		Comments:	53
		answered question	**160**
		skipped question	**22**

40. At present, the Nebraska Department of Education defines technology literacy as the ability to responsibly use appropriate technology to communicate, solve problems, and access, manage, integrate, evaluate, and create information to improve learning in all subject areas and to acquire lifelong knowledge and skills in the 21st century. With the proposed reauthorization of No Child Left Behind, in the future your school district will probably be asked to report to the state the number of 8th grade students deemed technology literate. The Nebraska Department of Education will not create a state-wide test but ask schools to assess locally. Based on your best guess, would the majority of your 8th grade students meet the technology literacy definition?

		Response Percent	Response Count
Yes		**73.6%**	117
No		26.4%	42
		Comments:	38
		answered question	**159**
		skipped question	**23**