# CURRICULUM ADVICE FOR CIS 261 (ADVANCED APPLICATIONS IN BUSINESS) SURVEY

Following are the questions asked on all surveys. To the right of each question is the number of respondents by group and question. And, since the focus of the project was to assess and improve course content outcomes for both College of Business faculty and potential employers of our students, the last two columns show the mean responses of faculty and all business respondents. A few questions were not asked of all groups. Those questions have a "--" in the number answering column for that group.

As a result of the surveys, CIS 261 (Advanced Applications in Business) was restructured to place more emphasis and time on the Excel portion of the class and less on Access. The topics covered were altered, and a greater problem-solving component was incorporated. Your input was a valuable influence on our decisions. Again, THANK YOU for your cooperation in this endeavor.

| FACULTY (18); ACCOUNTING CIRCLE (18); IT ALLIANCE (8); BOARD OF ADVISORS (8); CHAMBER OF COMMERCE (64) | | | | | | Number Answering by Group | | 1-7 Scale | |
|---|---|---|---|---|---|---|---|---|---|
| QUESTIONS | F | A | I | B | C | ALL BUS | Faculty | Business |
| 1. In our organization/my classroom, **MS Excel** is used to store and/or manipulate data | 18 | 18 | 8 | 8 | 64 | 98 | 2.9 | 6.2 |
| If your response to the above was "not at all", please skip to question 11. | | | | | | | | |
| The next few questions refer to your orgganization's/classroom use of specific functions/features in MS Excel. | | | | | | | | |
| My organization/class(es) use(s) Excel… | | | | | | | | |
| 2. …date and time functions (e.g. today, month, datevalue, days360, etc.) | 13 | 18 | 8 | 8 | 63 | 97 | 1.2 | 4.6 |
| 3. …financial functions (e.g. pmt, npv, rate, fv, etc.) | 14 | 18 | 8 | 8 | 63 | 97 | 2.6 | 5.1 |
| 4. …statistcal functions (e.g. min, max, count, sumif, countif, frequency, etc.) | 14 | 18 | 8 | 8 | 62 | 96 | 4.0 | 5.1 |
| 5. …logical functions (e.g. if, and, iferror, etc.) | 13 | 18 | 8 | 8 | 63 | 97 | 2.3 | 4.8 |
| 6. …lookup and reference functions (e.g. vlookup, index, match, choose, etc.) | 13 | 17 | 8 | 8 | 63 | 96 | 1.5 | 4.5 |
| 7. …database functions (e.g.dsum, dcount, dmax,  etc.) | 12 | 18 | 8 | 8 | 63 | 97 | 1.5 | 4.0 |
| 8. …decision tools (e.g.scenarios, goal seek, solver etc.) | 13 | 18 | 8 | 8 | 62 | 96 | 2.1 | 3.5 |
| 9. …to create charts and reports | 14 | 18 | 8 | 8 | 63 | 97 | 5.1 | 5.8 |
| 10. …macros | 11 | 18 | 8 | 8 | 62 | 96 | 2.2 | 4.3 |
| 11. Our organization/In my classroom, **a database** is used to store and manipulate data | 15 | -- | 8 | 8 | 64 | 80 | 1.5 | 5.9 |
| If your response to the above was "not at all", please skip to the open ended questions. | | | | | | | | |
| 12. My organization/class(es) use(s) **MS Access** to store and manipulate data | 10 | 18 | 8 | 7 | 60 | 93 | 0.8 | 3.3 |
| If your response to the above was "not at all", please skip to question 17. | | | | | | | | |
| 13. Employees other than IT/programmers design/develop MS Access databases. | -- | 11 | 8 | 7 | 60 | 86 | -- | 2.7 |
| 14. Employees other than IT/programmers use MS Access databases designed by others. | -- | 11 | 8 | 7 | 60 | 86 | -- | 3.2 |
| 15. Our organization uses hired professionals to create our database software. | -- | 11 | 8 | 7 | 61 | 87 | -- | 3.3 |
| 16. Our organization/ My class(es) use(s) a database other than MS Access to store and manipulate data | 7 | 11 | 8 | 8 | 60 | 87 | 3.3 | 4.6 |
| 17. To be successful, a new hire should possess what level of familiarity with MS Access? | -- | 11 | 8 | 8 | 61 | 88 | -- | 3.5 |
| The next few questions pertain to more specific desired depth of understanding of MS Access. | | | | | | | | |
| Our non-IT employees … / My students … | | | | | | | | |
| 18. …design tables using basic techniques (enter field names in datasheet view and allow Access to assign properties and establish relationships) | 4 | -- | 8 | 8 | 61 | 77 | 5.3 | 3.3 |
| 95. …design tables using intermediate features (choose data types; assign properties such as caption, field size, default value; etc.) | 4 | -- | 8 | 8 | 62 | 78 | 3.8 | 3.2 |
| 20. …design tables using advanced features (normalize fields, assign properties such as input masks, data validation rules, data macros, create lookups to fields in other tables, establish relationships, etc.) | 4 | -- | 8 | 7 | 61 | 76 | 3.5 | 2.8 |
| 21. …import tables and other objects | 4 | -- | 8 | 8 | 59 | 75 | 4.3 | 3.2 |
| 22. …create simple queries (select table and fields, establish criteria, group, create calculated fields, etc.) | 4 | -- | 8 | 8 | 61 | 77 | 3.8 | 3.5 |
| 23. …create advanced queries (update, append, parameter, crosstab, etc.) | 4 | -- | 8 | 8 | 61 | 77 | 2.8 | 2.7 |
| 24. …create and design simple forms (insert textboxes, labels, option groups, calculated fields, buttons, etc.; assign object properties, insert missing table fields, etc.) | 4 | -- | 8 | 8 | 61 | 77 | 3.5 | 3.9 |
| 25. …create and design advanced forms (forms with subforms or linked forms, switchboards, etc.) | 4 | -- | 8 | 8 | 60 | 76 | 2.5 | 2.8 |
| 26. …create and design simple reports (based on a form or query with minimal formatting) | 4 | -- | 8 | 8 | 61 | 77 | 4.5 | 3.8 |
| 27. …create and design advanced reports (grouped, sorted, calculated fields inserted, objects rearranged, etc.; labels, summary reports, etc.) | 4 | -- | 8 | 8 | 60 | 76 | 4.5 | 3.1 |