**Digital Skills Readiness for Postsecondary Assessment 2021**

**Facilitator Notes and Checklist**

**MS Excel Task: Version A – College Tuition Fees**

**Overview**

The Excel task is one of four elements of the CSC/AlphaPlus *Digital Skills Readiness for Postsecondary* assessment. It was developed by a working group of college AU faculty and AlphaPlus.

This task is intended to be an exit readiness tool, but it could also be used earlier in the student’s AU program to help identify skills and skill gaps. Two versions of the task (A and B) are available so that it can be used as a ‘pre- and post-test’ if desired.

Keep in mind that this is just one tool. It is meant to be representative of general MS Excel competency that AU students should have when they transition to postsecondary.

The task includes Part 1 and Part 2:

* **Part 1** is designed for all students and assesses **introductory** Excel skills.
* **Part 2** is intended for students who are planning to enter postsecondary programs requiring **more advanced** Excel skills e.g., Business, Engineering Technology, etc.
1. Determine if the student will complete only Part 1 or both Part 1 and Part 2.
2. If desired, provide the student with a printed copy of the “Instructions Part 1” worksheet from the file “Excel\_Task\_Version\_A\_Student\_Instructions”).
3. Provide access to the Excel Task file containing the “Data Part 1” worksheet.
4. Tell the student where to save the task file e.g., USB, network account, desktop, cloud, etc. and how you want them to provide the completed file to you, e.g. email, upload, print, etc.
5. Advise the student to read all instructions carefully.
6. There is no time limit, but ideally Part 1 should be completed in about 40 minutes or less; Part 2 will take an additional 30 minutes (possibly less).
7. Use the “MS Excel Task” checklist on the next page to provide feedback to the student.

**Digital Skills Readiness for Postsecondary Assessment**

**MS Excel Task Checklist: Version A: College Tuition Fees**

Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Facilitator Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |
| --- | --- | --- | --- |
| **Skill Name/Task** | **Needs Improvement** | **Proficient** | **Notes** |
|  |  |  |  |
| **Create an Excel File** |  |  |  |
| Folder created and properly named (step 1) |  |  |  |
| Excel workbook properly renamed and saved (step 3) |  |  |  |
|  |  |  |  |
| **Part 1** |  |  |  |
| 1. Cell L1 labelled ‘2019’
 |  |  |  |
| 1. A14-A23 data is alphabetized correctly
 |  |  |  |
| 1. Data from B14-B23 copied into L2-L11
 |  |  |  |
| 1. Data A14-B23 deleted
 |  |  |  |
| 1. A12 title in bold: ‘Yearly Totals’
 |  |  |  |
| 1. Correct Auto sum Function in row 12
 |  |  |  |
| 1. M1 title in bold: ‘Total’
 |  |  |  |
| 1. Correct Auto sum Function for tuition totals in column M and M12
 |  |  |  |
| 1. Blank column inserted to left of column M
 |  |  |  |
| 1. A14 title in bold: ‘Average Tuition’
 |  |  |  |
| 1. Correct Average Function for 2009 tuition in B14
 |  |  |  |
| 1. Correct copy of Average Formulas in cells C14-L14
 |  |  |  |
| 1. All values formatted to currency in the nearest dollar.
 |  |  |  |
| 1. Row inserted at top of data set
 |  |  |  |
| 1. Added title: "College Tuition Estimates 2009 to 2019"
 |  |  |  |
| 1. Title is merged and centered
 |  |  |  |
| 1. Title is bold in 14pt font
 |  |  |  |
| 1. Yellow used to color title cell (A1)
 |  |  |  |
| 1. Yellow used to colour in column N (N2 - N12)
 |  |  |  |
| 1. Yellow used to colour row 13 (A13-N13)
 |  |  |  |
| 1. Gridlines inserted on all cells (A2-N15)
 |  |  |  |
| 1. Thick border inserted around data set (A1-N15)
 |  |  |  |

**Digital Skills Readiness for Postsecondary Assessment: MS Excel Task Checklist – pg. 2**

**MS Excel Task Checklist: Version A: College Tuition Fees**

|  |  |  |  |
| --- | --- | --- | --- |
| **Skill Name/Task** | **Needs Improvement** | **Proficient** | **Notes** |
| 1. Pie chart inserted for 2009 data ONLY (‘Average’ and ‘Totals’ not included)
 |  |  |  |
| 1. Pie Chart Title: ‘Tuition Estimates 2009’
 |  |  |  |
| 1. Dollar values shown on outside ends of pie chart
 |  |  |  |
| 1. Legend included on bottom
 |  |  |  |
| 1. Pie chart centered to data set
 |  |  |  |
| 1. Filename inserted in header
 |  |  |  |
| 1. Date inserted in footer
 |  |  |  |
| 1. Orientation: landscape
 |  |  |  |
| 1. Margins narrow on print setting
 |  |  |  |
| 1. Label changed on sheet to ‘Completed Data Part 1’
 |  |  |  |
|  |  |  |  |
| **Final Steps** |  |  |  |
| Workbook submitted properly |  |  |  |
|  |  |  |  |

*\*Part 2 Checklist (if applicable) is on the following page.*

**Additional Comments**

**Digital Skills Readiness for Postsecondary Assessment: MS Excel Task Checklist – pg. 3**

**MS Excel Task Checklist: Version A: College Tuition Fees**

|  |  |  |  |
| --- | --- | --- | --- |
| **Skill Name/Task** | **Needs Improvement** | **Proficient** | **Notes** |
|  |  |  |  |
| **Part 2** |  |  |  |
| 1. Copy of worksheet (Complete Data Part 1) inserted at end.
 |  |  |  |
| 1. Copied worksheet renamed: Complete Data Part 2
 |  |  |  |
| 1. Pie chart deleted
 |  |  |  |
| 1. 2D column inserted using only tuition data for all programs 2009-2012 (totals not included)
 |  |  |  |
| 1. Chart titled: “Tuition Data 2009-2012”
 |  |  |  |
| 1. Vertical axis in bold labeled: ‘Cost ($)’
 |  |  |  |
| 1. Horizontal axis in bold labeled: ‘Program’
 |  |  |  |
| 1. Legend with labels for years 2009-2012
 |  |  |  |
| 1. Original contents of E9 deleted
 |  |  |  |
| 1. Cell reference used in E9 from same cell in “Complete Data Part 1”
 |  |  |  |
| 1. Cell E9 is yellow
 |  |  |  |
| 1. M2 labelled ‘>$3,200’
 |  |  |  |
| 1. IF function correctly used to show tuitions less than $3,200
 |  |  |  |
| 1. “Yes” and “No” properly indicated in column M
 |  |  |  |
| 1. Data in M3-M12 is centered
 |  |  |  |
| 1. Orientation: landscape
 |  |  |  |
| 1. Margins narrow on print setting
 |  |  |  |
|  |  |  |  |
| **Final Steps** |  |  |  |
| Workbook submitted properly |  |  |  |

**Additional Comments**