Developed in partnership with EDUCAUSE, these questions examine the role of technology in student learning, focusing on usage, contribution to learning, and perceptions of institutional support. This module complements questions on the core survey about learning with peers, quality of interactions with others, and institutional emphasis on academic support. (Similar FSSE set available.)

Survey questions are listed in the order that students received them. Response options appear in italics beneath. Variable names appear in brackets (e.g., [TEC01a]) after each item. Items that are recoded (e.g., reversed response values) or derived (new computed values such as age category or total number of written pages) from original question(s) are shaded and prefaced by a bracket and the word "RECODED" or "DERIVED."

Learning with Technology Module

We want to know how technology relates to your learning. By “technology,” we mean any or all of the following:

• Hardware (desktop computer, laptop, tablet, smartphone, etc.)

• Software (word processing, spreadsheet, presentation, graphics, statistical, etc.)

• Online tools (communications, social networking, etc.)

• Websites (for courses, library resources, etc.)

# 1. During the current school year, how much has your use of technology contributed to following:

Response Options: Very little=1, Some=2, Quite a bit=3, Very much=4

a. Your understanding of course materials and ideas [TEC01a]

b. Demonstrating your understanding of course content [TEC01b]

c. Learning, studying, or completing coursework **on your own** [TEC01c]

d. Learning, studying, or completing coursework **with other students** [TEC01d]

e. Distracting you from completing your coursework [TEC01e]

# 2. During the current school year, how much have your courses improved your understanding and use of technology? [TEC02]

Response Options: Very little=1, Some=2, Quite a bit=3, Very much=4

# 3. During the current school year, about how often have you used the following technologies in your courses?

Response Options: Never=1, Sometimes=2, Often=3, Very often=4, I don't know what this is (coded as missing)=9

a. Electronic textbooks [TEC03a]

b. Online portfolios or e-portfolios [TEC03b]

c. Blogs [TEC03c]

d. Collaborative editing software (Wikis, Google Docs, etc.) [TEC03d]

e. Multimedia software (drawing, audio or video production, editing, etc.) [TEC03e]

f. Social networking (Facebook, Twitter, etc.) [TEC03f]

g. Mobile computing (handheld devices such as smartphones, tablets, etc.) [TEC03g]

[RECODED] To accommodate SAS users, recodes of question 3 are included in the data file. Variables are recoded to include "I don't know what this is" as a valid response.

 Values: Never=1, Sometimes=2, Often=3, Very often=4, I don't know what this is=9

 - Electronic textbooks [TEC03aR]

 - Online portfolios or e-portfolios [TEC03bR]

 - Blogs [TEC03cR]

 - Collaborative editing software (Wikis, Google Docs, etc.) [TEC03dR]

 - Multimedia software (drawing, audio or video production, editing, etc.) [TEC03eR]

 - Social networking (Facebook, Twitter, etc.) [TEC03fR]

 - Mobile computing (handheld devices such as smartphones, tablets, etc.) [TEC03gR]

# 4. During the current school year, about how often have you used technology to communicate with the following people?

Response Options: Never=1, Sometimes=2, Often=3, Very often=4

a. Students [TEC04a]

b. Academic advisors [TEC04b]

c. Faculty [TEC04c]

d. Student services staff (career services, student activities, housing, etc.) [TEC04d]

e. Other administrative staff and offices (registrar, financial aid, etc.) [TEC04e]

# 5. How much does your institution emphasize the following?

Response Options: Very little=1, Some=2, Quite a bit=3, Very much=4

a. Teaching with new, cutting-edge technologies [TEC05a]

b. Providing technology to help you learn, study, or complete coursework [TEC05b]

c. Teaching you how to use available technologies to learn, study, or complete coursework [TEC05c]

d. Providing support services to assist you with your use of technology [TEC05d]