
NSSE 2013
Learning with Technology Module
University of Rhode Island

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Learning with Technology Module

Developed in partnership with EDUCAUSE, these questions examine the role of technology in student learning, focusing on student use of technology and perceptions of institutional support.

Learning with Technology Comparison Group

This section summarizes how your Learning with Technology module's comparison group was identified, including selection criteria and whether the default option was taken. This is followed by the resulting list of institutions represented in the 'Learning with Tech' column of this report.

| | |
|--|---|
| Group label | Learning with Tech |
| Date submitted | Not applicable; comparison group not customized. |
| How was this comparison group constructed? | Your institution did not customize this comparison group; the default group (all module participants) was used. |
| Group description | Default comparison group |

'Learning with Tech' institutions (N=78)

| | |
|---|--|
| Abilene Christian University (Abilene, TX) | Holy Family University (Philadelphia, PA) |
| Alaska Pacific University (Anchorage, AK) | Hope College (Holland, MI) |
| Alverno College (Milwaukee, WI) | Johnson & Wales University (Providence, RI) |
| Auburn University at Montgomery (Montgomery, AL) | Johnson & Wales University-Charlotte (Charlotte, NC) |
| Bacone College (Muskogee, OK) | Johnson & Wales University-Denver (Denver, CO) |
| Baptist Memorial College of Health Sciences (Memphis, TN) | Johnson & Wales University-North Miami (North Miami, FL) |
| Barton College (Wilson, NC) | Lebanon Valley College (Annville, PA) |
| Benedictine University (Lisle, IL) | Liberty University (Lynchburg, VA) |
| Brigham Young University (Provo, UT) | Limestone College (Gaffney, SC) |
| Brigham Young University-Hawaii (Laie, HI) | Lubbock Christian University (Lubbock, TX) |
| Buena Vista University (Storm Lake, IA) | Manhattanville College (Purchase, NY) |
| Capital University (Columbus, OH) | Maranatha Baptist Bible College (Watertown, WI) |
| Centre College (Danville, KY) | Marist College (Poughkeepsie, NY) |
| Coleman University (San Diego, CA) | Martin Methodist College (Pulaski, TN) |
| Colorado College (Colorado Springs, CO) | McPherson College (McPherson, KS) |
| Concordia University (Portland, OR) | Methodist University (Fayetteville, NC) |
| Concordia University-Wisconsin (Mequon, WI) | Metropolitan State University of Denver (Denver, CO) |
| Cornerstone University (Grand Rapids, MI) | Mississippi University for Women (Columbus, MS) |
| Culver-Stockton College (Canton, MO) | Ohio State University at Newark, The (Newark, OH) |
| DeVry University-California (Pomona, CA) | Ohio State University-Mansfield Campus (Mansfield, OH) |
| DeVry University-Georgia (Decatur, GA) | Ohio State University-Marion Campus (Marion, OH) |
| DeVry University-Illinois (Addison, IL) | Pace University (New York, NY) |
| DeVry University-Texas (Irving, TX) | Rivier University (Nashua, NH) |
| Emporia State University (Emporia, KS) | Rochester Institute of Technology (Rochester, NY) |
| Franklin W. Olin College of Engineering (Needham, MA) | Savannah College of Art and Design (Savannah, GA) |
| George Fox University (Newberg, OR) | School of Visual Arts (New York, NY) |
| Goshen College (Goshen, IN) | Shenandoah University (Winchester, VA) |
| Grand Canyon University (Phoenix, AZ) | Simpson University (Redding, CA) |
| Grand Valley State University (Allendale, MI) | Southern Utah University (Cedar City, UT) |
| Greensboro College (Greensboro, NC) | Texas A&M University - Kingsville (Kingsville, TX) |

'Learning with Tech' institutions (N=78), continued

Tyndale University College and Seminary (Toronto, ON)
University of Advancing Technology (Tempe, AZ)
University of Alabama (Tuscaloosa, AL)
University of Alabama in Huntsville (Huntsville, AL)
University of Maine at Augusta (Augusta, ME)
University of Northern British Columbia (Prince George, BC)
University of Pittsburgh-Bradford (Bradford, PA)
University of Tennessee Martin, The (Martin, TN)
University of Texas at Arlington, The (Arlington, TX)
University of Texas at El Paso, The (El Paso, TX)
Valley City State University (Valley City, ND)
Virginia Wesleyan College (Norfolk, VA)
Walla Walla University (College Place, WA)
Warner University (Lake Wales, FL)
Wheaton College (Norton, MA)
Wichita State University (Wichita, KS)
William Jewell College (Liberty, MO)
Wright State University (Dayton, OH)

First-Year Students

| Frequency Distributions ^a | | | | | | | | Statistical Comparisons ^b | | | | |
|--|---------------|---------------------|---------------------------|-------|-----|--------------------|-----|--------------------------------------|---------|--------------------------|------|--|
| | | | | URI | | Learning with Tech | | URI | | Learning with Tech | | |
| | | | | | | | | | | Effect size ^d | | |
| Item wording or description | Variable name | Values ^c | Response options | Count | % | Count | % | Mean | Mean | | | |
| 1. During the current school year, how much has your use of technology contributed to the following: | | | | | | | | | | | | |
| a. Your understanding of course materials and ideas | TEC01a | 1 | Very little | 12 | 3 | 445 | 3 | 3.3 | 3.3 | | .02 | |
| | | 2 | Some | 60 | 13 | 2,555 | 14 | | | | | |
| | | 3 | Quite a bit | 179 | 40 | 6,809 | 38 | | | | | |
| | | 4 | Very much | 205 | 45 | 8,154 | 45 | | | | | |
| | | | Total | 456 | 100 | 17,963 | 100 | | | | | |
| b. Demonstrating your understanding of course content | TEC01b | 1 | Very little | 16 | 4 | 537 | 3 | 3.2 | 3.2 | | .01 | |
| | | 2 | Some | 68 | 15 | 3,004 | 17 | | | | | |
| | | 3 | Quite a bit | 184 | 40 | 7,001 | 39 | | | | | |
| | | 4 | Very much | 186 | 41 | 7,315 | 41 | | | | | |
| | | | Total | 454 | 100 | 17,857 | 100 | | | | | |
| c. Learning, studying, or completing coursework on your own | TEC01c | 1 | Very little | 10 | 2 | 290 | 2 | 3.4 | 3.4 | | -.01 | |
| | | 2 | Some | 36 | 8 | 1,665 | 10 | | | | | |
| | | 3 | Quite a bit | 158 | 35 | 5,821 | 33 | | | | | |
| | | 4 | Very much | 251 | 55 | 10,135 | 56 | | | | | |
| | | | Total | 455 | 100 | 17,911 | 100 | | | | | |
| d. Learning, studying, or completing coursework with other students | TEC01d | 1 | Very little | 33 | 7 | 2,146 | 14 | 3.0 | 2.8 *** | | .22 | |
| | | 2 | Some | 100 | 22 | 4,488 | 25 | | | | | |
| | | 3 | Quite a bit | 148 | 33 | 5,454 | 30 | | | | | |
| | | 4 | Very much | 173 | 38 | 5,737 | 32 | | | | | |
| | | | Total | 454 | 100 | 17,825 | 100 | | | | | |
| e. Distracting you from completing your coursework | TEC01e | 1 | Very little | 48 | 11 | 3,012 | 19 | 2.7 | 2.5 *** | | .15 | |
| | | 2 | Some | 151 | 34 | 5,683 | 32 | | | | | |
| | | 3 | Quite a bit | 137 | 30 | 4,753 | 25 | | | | | |
| | | 4 | Very much | 115 | 25 | 4,419 | 24 | | | | | |
| | | | Total | 451 | 100 | 17,867 | 100 | | | | | |
| 2. During the current school year, how much have your courses improved your understanding and use of technology? | | | | | | | | | | | | |
| | TEC02 | 1 | Very little | 66 | 15 | 2,562 | 15 | 2.5 | 2.6 | | -.06 | |
| | | 2 | Some | 150 | 33 | 6,141 | 33 | | | | | |
| | | 3 | Quite a bit | 170 | 38 | 5,724 | 32 | | | | | |
| | | 4 | Very much | 63 | 14 | 3,380 | 20 | | | | | |
| | | | Total | 449 | 100 | 17,807 | 100 | | | | | |
| 3. During the current school year, about how often have you used the following technologies in your courses? | | | | | | | | | | | | |
| a. Electronic textbooks | TEC03a | 1 | Never | 194 | 42 | 7,379 | 39 | 2.0 | 2.1 *** | | -.16 | |
| | | 2 | Sometimes | 137 | 30 | 4,976 | 27 | | | | | |
| | | 3 | Often | 74 | 17 | 2,557 | 15 | | | | | |
| | | 4 | Very often | 48 | 11 | 2,901 | 19 | | | | | |
| | | — | I don't know what this is | 2 | 0 | 136 | 1 | | | | | |
| | | | Total | 455 | 100 | 17,949 | 100 | | | | | |
| b. Online portfolios or e-portfolios | TEC03b | 1 | Never | 227 | 49 | 8,691 | 48 | 1.7 | 1.7 | | -.02 | |
| | | 2 | Sometimes | 109 | 25 | 3,875 | 22 | | | | | |
| | | 3 | Often | 45 | 10 | 1,689 | 10 | | | | | |
| | | 4 | Very often | 33 | 7 | 1,252 | 8 | | | | | |
| | | — | I don't know what this is | 37 | 8 | 2,358 | 13 | | | | | |
| | | | Total | 451 | 100 | 17,865 | 100 | | | | | |
| *p<.05. **p<.01. ***p<.001 (2-tailed) | | | | | | | | | | | | |

*p<.05, **p<.01, ***p<.001 (2-tailed)

NSSE 2013 Learning with Technology

Frequencies and Statistical Comparisons

University of Rhode Island

First-Year Students

| Item wording or description | Variable name | Values ^c | Response options | Frequency Distributions ^a | | | | Statistical Comparisons ^b | | |
|--|---------------|---------------------|---------------------------|--------------------------------------|-----|--------------------|-----|--------------------------------------|---------|--------------------------|
| | | | | URI | | Learning with Tech | | URI | | Learning with Tech |
| | | | | Count | % | Count | % | Mean | Mean | Effect size ^d |
| c. Blogs | TEC03c | 1 | Never | 260 | 57 | 10,389 | 57 | 1.6 | 1.6 | -.04 |
| | | 2 | Sometimes | 130 | 29 | 4,593 | 26 | | | |
| | | 3 | Often | 35 | 8 | 1,637 | 9 | | | |
| | | 4 | Very often | 20 | 5 | 961 | 6 | | | |
| | | — | I don't know what this is | 3 | 1 | 200 | 1 | | | |
| | | Total | | 448 | 100 | 17,780 | 100 | | | |
| d. Collaborative editing software (Wikis, Google Docs, etc.) | TEC03d | 1 | Never | 165 | 36 | 5,042 | 30 | 2.0 | 2.2 *** | -.20 |
| | | 2 | Sometimes | 161 | 36 | 5,761 | 31 | | | |
| | | 3 | Often | 73 | 16 | 3,896 | 21 | | | |
| | | 4 | Very often | 45 | 10 | 2,784 | 15 | | | |
| | | — | I don't know what this is | 5 | 1 | 321 | 2 | | | |
| | | Total | | 449 | 100 | 17,804 | 100 | | | |
| e. Multimedia software (drawing, audio or video production, editing, etc.) | TEC03e | 1 | Never | 236 | 51 | 8,690 | 48 | 1.8 | 1.9 | -.08 |
| | | 2 | Sometimes | 113 | 26 | 4,459 | 25 | | | |
| | | 3 | Often | 50 | 12 | 2,398 | 14 | | | |
| | | 4 | Very often | 43 | 10 | 2,053 | 12 | | | |
| | | — | I don't know what this is | 4 | 1 | 242 | 1 | | | |
| | | Total | | 446 | 100 | 17,842 | 100 | | | |
| f. Social networking (Facebook, Twitter, etc.) | TEC03f | 1 | Never | 175 | 39 | 7,419 | 42 | 2.1 | 2.1 | .02 |
| | | 2 | Sometimes | 135 | 30 | 4,826 | 26 | | | |
| | | 3 | Often | 65 | 15 | 2,506 | 14 | | | |
| | | 4 | Very often | 69 | 16 | 2,972 | 17 | | | |
| | | — | I don't know what this is | 1 | 0 | 122 | 1 | | | |
| | | Total | | 445 | 100 | 17,845 | 100 | | | |
| g. Mobile computing (handheld devices such as smartphones, tablets, etc.) | TEC03g | 1 | Never | 149 | 33 | 5,469 | 29 | 2.2 | 2.4 *** | -.16 |
| | | 2 | Sometimes | 129 | 29 | 4,773 | 26 | | | |
| | | 3 | Often | 82 | 19 | 3,212 | 19 | | | |
| | | 4 | Very often | 80 | 18 | 4,313 | 25 | | | |
| | | — | I don't know what this is | 4 | 1 | 91 | 1 | | | |
| | | Total | | 444 | 100 | 17,858 | 100 | | | |

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

| | | | | | | | | | | |
|----------------------|--------|-------|------------|-----|-----|--------|-----|------------|---------|------|
| a. Students | TEC04a | 1 | Never | 8 | 2 | 508 | 4 | 3.5 | 3.4 *** | .21 |
| | | 2 | Sometimes | 38 | 9 | 2,328 | 15 | | | |
| | | 3 | Often | 106 | 23 | 4,061 | 23 | | | |
| | | 4 | Very often | 298 | 66 | 11,033 | 59 | | | |
| | | Total | | 450 | 100 | 17,930 | 100 | | | |
| | | | | | | | | | | |
| b. Academic advisors | TEC04b | 1 | Never | 42 | 10 | 2,376 | 14 | 2.7 | 2.6 | .01 |
| | | 2 | Sometimes | 171 | 39 | 5,838 | 33 | | | |
| | | 3 | Often | 125 | 28 | 4,884 | 26 | | | |
| | | 4 | Very often | 109 | 24 | 4,816 | 26 | | | |
| | | Total | | 447 | 100 | 17,914 | 100 | | | |
| | | | | | | | | | | |
| c. Faculty | TEC04c | 1 | Never | 39 | 9 | 1,085 | 7 | 2.8 | 2.9 * | -.10 |
| | | 2 | Sometimes | 140 | 32 | 5,080 | 29 | | | |
| | | 3 | Often | 140 | 31 | 5,898 | 32 | | | |
| | | 4 | Very often | 127 | 28 | 5,780 | 31 | | | |
| | | Total | | 446 | 100 | 17,843 | 100 | | | |
| | | | | | | | | | | |

*p<.05, **p<.01, ***p<.001 (2-tailed)

First-Year Students

| | | | | Frequency Distributions ^a | | | | Statistical Comparisons ^b | | |
|---|---------------|---------------------|------------------|--------------------------------------|--------|--------------------|----|--------------------------------------|--------------------|--------------------------|
| | | | | URI | | Learning with Tech | | URI | Learning with Tech | |
| Item wording or description | Variable name | Values ^c | Response options | Count | % | Count | % | Mean | Mean | Effect size ^d |
| d. Student services staff (career services, student activities, housing, etc.) | TEC04d | 1 | Never | 126 | 28 | 5,150 | 32 | 2.2 | 2.2 | .05 |
| | | 2 | Sometimes | 160 | 36 | 6,321 | 34 | | | |
| | | 3 | Often | 90 | 20 | 3,144 | 17 | | | |
| | | 4 | Very often | 73 | 16 | 3,224 | 17 | | | |
| | | Total | 449 | 100 | 17,839 | 100 | | | | |
| e. Other administrative staff and offices (registrar, financial aid, etc.) | TEC04e | 1 | Never | 162 | 36 | 4,243 | 26 | 2.1 | 2.3 *** | -.21 |
| | | 2 | Sometimes | 155 | 35 | 7,108 | 39 | | | |
| | | 3 | Often | 72 | 16 | 3,081 | 17 | | | |
| | | 4 | Very often | 61 | 13 | 3,374 | 19 | | | |
| | | Total | 450 | 100 | 17,806 | 100 | | | | |
| 5. How much does your institution emphasize the following? | | | | | | | | | | |
| a. Teaching with new, cutting-edge technologies | TEC05a | 1 | Very little | 52 | 11 | 1,842 | 11 | 2.5 | 2.7 ** | -.14 |
| | | 2 | Some | 172 | 37 | 5,804 | 32 | | | |
| | | 3 | Quite a bit | 169 | 38 | 6,318 | 35 | | | |
| | | 4 | Very much | 59 | 13 | 3,953 | 22 | | | |
| | | Total | 452 | 100 | 17,917 | 100 | | | | |
| b. Providing technology to help you learn, study or complete coursework | TEC05b | 1 | Very little | 32 | 7 | 1,072 | 7 | 2.8 | 2.9 *** | -.18 |
| | | 2 | Some | 130 | 29 | 3,997 | 23 | | | |
| | | 3 | Quite a bit | 195 | 43 | 7,094 | 39 | | | |
| | | 4 | Very much | 95 | 21 | 5,727 | 31 | | | |
| | | Total | 452 | 100 | 17,890 | 100 | | | | |
| c. Teaching you how to use available technologies to learn, study, or complete coursework | TEC05c | 1 | Very little | 39 | 9 | 1,305 | 8 | 2.7 | 2.9 *** | -.17 |
| | | 2 | Some | 145 | 32 | 4,668 | 27 | | | |
| | | 3 | Quite a bit | 179 | 40 | 6,677 | 36 | | | |
| | | 4 | Very much | 89 | 19 | 5,240 | 29 | | | |
| | | Total | 452 | 100 | 17,890 | 100 | | | | |
| d. Providing support services to assist you with your use of technology | TEC05d | 1 | Very little | 51 | 11 | 1,464 | 9 | 2.6 | 2.8 *** | -.20 |
| | | 2 | Some | 151 | 33 | 4,799 | 27 | | | |
| | | 3 | Quite a bit | 158 | 36 | 6,405 | 35 | | | |
| | | 4 | Very much | 91 | 20 | 5,186 | 28 | | | |
| | | Total | 451 | 100 | 17,854 | 100 | | | | |

*p<.05, **p<.01, ***p<.001 (2-tailed)

Seniors

| | | | | Frequency Distributions ^a | | | | Statistical Comparisons ^b | | | |
|--|---------------|---------------------|---------------------------|--------------------------------------|-----|--------------------|-----|--------------------------------------|---------|--------------------------|--|
| | | | | URI | | Learning with Tech | | URI | | Learning with Tech | |
| Item wording or description | Variable name | Values ^c | Response options | Count | % | Count | % | Mean | Mean | Effect size ^d | |
| 1. During the current school year, how much has your use of technology contributed to the following: | | | | | | | | | | | |
| a. Your understanding of course materials and ideas | TEC01a | 1 | Very little | 19 | 3 | 704 | 3 | 3.2 | 3.3 *** | -.14 | |
| | | 2 | Some | 104 | 15 | 3,459 | 12 | | | | |
| | | 3 | Quite a bit | 277 | 39 | 9,446 | 33 | | | | |
| | | 4 | Very much | 307 | 43 | 15,516 | 52 | | | | |
| | | Total | | 707 | 100 | 29,125 | 100 | | | | |
| b. Demonstrating your understanding of course content | TEC01b | 1 | Very little | 24 | 4 | 861 | 3 | 3.1 | 3.3 *** | -.20 | |
| | | 2 | Some | 143 | 20 | 4,079 | 14 | | | | |
| | | 3 | Quite a bit | 276 | 39 | 9,665 | 34 | | | | |
| | | 4 | Very much | 260 | 37 | 14,351 | 48 | | | | |
| | | Total | | 703 | 100 | 28,956 | 100 | | | | |
| c. Learning, studying, or completing coursework on your own | TEC01c | 1 | Very little | 8 | 1 | 403 | 2 | 3.4 | 3.5 *** | -.20 | |
| | | 2 | Some | 82 | 12 | 2,107 | 8 | | | | |
| | | 3 | Quite a bit | 251 | 36 | 8,059 | 29 | | | | |
| | | 4 | Very much | 364 | 51 | 18,455 | 62 | | | | |
| | | Total | | 705 | 100 | 29,024 | 100 | | | | |
| d. Learning, studying, or completing coursework with other students | TEC01d | 1 | Very little | 69 | 10 | 2,996 | 11 | 2.9 | 3.0 | -.03 | |
| | | 2 | Some | 144 | 21 | 5,832 | 21 | | | | |
| | | 3 | Quite a bit | 239 | 34 | 8,138 | 28 | | | | |
| | | 4 | Very much | 252 | 35 | 11,991 | 40 | | | | |
| | | Total | | 704 | 100 | 28,957 | 100 | | | | |
| e. Distracting you from completing your coursework | TEC01e | 1 | Very little | 85 | 13 | 6,706 | 24 | 2.7 | 2.4 *** | .26 | |
| | | 2 | Some | 227 | 32 | 9,505 | 32 | | | | |
| | | 3 | Quite a bit | 204 | 29 | 6,521 | 22 | | | | |
| | | 4 | Very much | 188 | 26 | 6,236 | 22 | | | | |
| | | Total | | 704 | 100 | 28,968 | 100 | | | | |
| 2. During the current school year, how much have your courses improved your understanding and use of technology? | | | | | | | | | | | |
| | TEC02 | 1 | Very little | 142 | 20 | 4,231 | 15 | 2.4 | 2.6 *** | -.19 | |
| | | 2 | Some | 224 | 32 | 9,043 | 31 | | | | |
| | | 3 | Quite a bit | 220 | 32 | 8,830 | 30 | | | | |
| | | 4 | Very much | 112 | 16 | 6,901 | 24 | | | | |
| | | Total | | 698 | 100 | 29,005 | 100 | | | | |
| 3. During the current school year, about how often have you used the following technologies in your courses? | | | | | | | | | | | |
| a. Electronic textbooks | TEC03a | 1 | Never | 336 | 47 | 12,112 | 41 | 1.9 | 2.0 *** | -.17 | |
| | | 2 | Sometimes | 197 | 28 | 8,892 | 29 | | | | |
| | | 3 | Often | 111 | 16 | 3,843 | 13 | | | | |
| | | 4 | Very often | 57 | 8 | 4,135 | 16 | | | | |
| | | — | I don't know what this is | 2 | 0 | 120 | 0 | | | | |
| | | Total | | 703 | 100 | 29,102 | 100 | | | | |
| b. Online portfolios or e-portfolios | TEC03b | 1 | Never | 353 | 50 | 14,481 | 50 | 1.7 | 1.7 | -.03 | |
| | | 2 | Sometimes | 187 | 27 | 6,146 | 21 | | | | |
| | | 3 | Often | 83 | 12 | 2,795 | 10 | | | | |
| | | 4 | Very often | 42 | 6 | 2,343 | 9 | | | | |
| | | — | I don't know what this is | 36 | 5 | 3,207 | 10 | | | | |
| | | Total | | 701 | 100 | 28,972 | 100 | | | | |

*p<.05, **p<.01, ***p<.001 (2-tailed)

NSSE 2013 Learning with Technology

Frequencies and Statistical Comparisons

University of Rhode Island

Seniors

| | | | | Frequency Distributions ^a | | | | Statistical Comparisons ^b | | |
|---|---------------|---------------------|---------------------------|--------------------------------------|--------|--------------------|----|--------------------------------------|--------------------|--------------------------|
| | | | | URI | | Learning with Tech | | URI | Learning with Tech | |
| Item wording or description | Variable name | Values ^c | Response options | Count | % | Count | % | Mean | Mean | Effect size ^d |
| c. Blogs | TEC03c | 1 | Never | 411 | 59 | 16,099 | 56 | 1.6 | 1.6 * | -.08 |
| | | 2 | Sometimes | 192 | 28 | 8,123 | 27 | | | |
| | | 3 | Often | 61 | 9 | 2,686 | 9 | | | |
| | | 4 | Very often | 28 | 4 | 1,654 | 6 | | | |
| | | — | I don't know what this is | 6 | 1 | 247 | 1 | | | |
| | | Total | 698 | 100 | 28,809 | 100 | | | | |
| d. Collaborative editing software (Wikis, Google Docs, etc.) | TEC03d | 1 | Never | 156 | 22 | 7,851 | 29 | 2.4 | 2.3 | .06 |
| | | 2 | Sometimes | 251 | 36 | 8,494 | 30 | | | |
| | | 3 | Often | 168 | 24 | 6,465 | 22 | | | |
| | | 4 | Very often | 119 | 17 | 5,721 | 18 | | | |
| | | — | I don't know what this is | 6 | 1 | 381 | 1 | | | |
| | | Total | 700 | 100 | 28,912 | 100 | | | | |
| e. Multimedia software (drawing, audio or video production, editing, etc.) | TEC03e | 1 | Never | 356 | 50 | 12,725 | 44 | 1.8 | 2.0 *** | -.16 |
| | | 2 | Sometimes | 170 | 24 | 7,939 | 27 | | | |
| | | 3 | Often | 103 | 15 | 4,027 | 14 | | | |
| | | 4 | Very often | 59 | 9 | 3,955 | 14 | | | |
| | | — | I don't know what this is | 12 | 2 | 303 | 1 | | | |
| | | Total | 700 | 100 | 28,949 | 100 | | | | |
| f. Social networking (Facebook, Twitter, etc.) | TEC03f | 1 | Never | 330 | 47 | 13,302 | 47 | 1.9 | 1.9 | -.05 |
| | | 2 | Sometimes | 182 | 26 | 7,642 | 26 | | | |
| | | 3 | Often | 108 | 15 | 3,805 | 13 | | | |
| | | 4 | Very often | 75 | 11 | 3,949 | 14 | | | |
| | | — | I don't know what this is | 7 | 1 | 233 | 1 | | | |
| | | Total | 702 | 100 | 28,931 | 100 | | | | |
| g. Mobile computing (handheld devices such as smartphones, tablets, etc.) | TEC03g | 1 | Never | 237 | 34 | 8,788 | 30 | 2.2 | 2.4 *** | -.18 |
| | | 2 | Sometimes | 201 | 29 | 7,390 | 25 | | | |
| | | 3 | Often | 129 | 18 | 5,519 | 19 | | | |
| | | 4 | Very often | 126 | 18 | 7,177 | 26 | | | |
| | | — | I don't know what this is | 5 | 1 | 136 | 0 | | | |
| | | Total | 698 | 100 | 29,010 | 100 | | | | |
| 4. During the current school year, about how often have you used technology to communicate with the following people? | | | | | | | | | | |
| a. Students | TEC04a | 1 | Never | 10 | 2 | 697 | 2 | 3.6 | 3.5 *** | .15 |
| | | 2 | Sometimes | 62 | 9 | 3,467 | 13 | | | |
| | | 3 | Often | 127 | 18 | 6,013 | 21 | | | |
| | | 4 | Very often | 504 | 71 | 18,894 | 64 | | | |
| | | Total | 703 | 100 | 29,071 | 100 | | | | |
| | | | | | | | | | | |
| b. Academic advisors | TEC04b | 1 | Never | 90 | 13 | 4,020 | 14 | 2.8 | 2.7 | .06 |
| | | 2 | Sometimes | 197 | 28 | 9,010 | 31 | | | |
| | | 3 | Often | 186 | 26 | 6,794 | 24 | | | |
| | | 4 | Very often | 228 | 32 | 9,197 | 31 | | | |
| | | Total | 701 | 100 | 29,021 | 100 | | | | |
| | | | | | | | | | | |
| c. Faculty | TEC04c | 1 | Never | 16 | 2 | 941 | 4 | 3.1 | 3.1 | .05 |
| | | 2 | Sometimes | 143 | 21 | 6,481 | 24 | | | |
| | | 3 | Often | 259 | 37 | 9,067 | 31 | | | |
| | | 4 | Very often | 280 | 40 | 12,417 | 41 | | | |
| | | Total | 698 | 100 | 28,906 | 100 | | | | |
| | | | | | | | | | | |
| *p<.05. **p<.01. ***p<.001 (2-tailed) | | | | | | | | | | |

*p<.05, **p<.01, ***p<.001 (2-tailed)

Seniors

| | | | | Frequency Distributions ^a | | | | Statistical Comparisons ^b | | | |
|---|---------------|---------------------|------------------|--------------------------------------|--------|--------------------|----|--------------------------------------|---------|--------------------------|--|
| | | | | URI | | Learning with Tech | | URI | | Learning with Tech | |
| Item wording or description | Variable name | Values ^c | Response options | Count | % | Count | % | Mean | Mean | Effect size ^d | |
| d. Student services staff (career services, student activities, housing, etc.) | TEC04d | 1 | Never | 314 | 45 | 10,878 | 39 | 2.0 | 2.1 ** | -.11 | |
| | | 2 | Sometimes | 196 | 28 | 8,754 | 30 | | | | |
| | | 3 | Often | 83 | 12 | 3,935 | 13 | | | | |
| | | 4 | Very often | 105 | 15 | 5,345 | 18 | | | | |
| | | Total | 698 | 100 | 28,912 | 100 | | | | | |
| e. Other administrative staff and offices (registrar, financial aid, etc.) | TEC04e | 1 | Never | 316 | 45 | 6,424 | 25 | 1.9 | 2.3 *** | -.37 | |
| | | 2 | Sometimes | 214 | 31 | 11,860 | 41 | | | | |
| | | 3 | Often | 76 | 11 | 4,786 | 16 | | | | |
| | | 4 | Very often | 87 | 12 | 5,834 | 19 | | | | |
| | | Total | 693 | 100 | 28,904 | 100 | | | | | |
| 5. How much does your institution emphasize the following? | | | | | | | | | | | |
| a. Teaching with new, cutting-edge technologies | TEC05a | 1 | Very little | 92 | 13 | 3,063 | 11 | 2.5 | 2.7 *** | -.19 | |
| | | 2 | Some | 273 | 39 | 9,397 | 33 | | | | |
| | | 3 | Quite a bit | 243 | 34 | 9,963 | 34 | | | | |
| | | 4 | Very much | 94 | 13 | 6,625 | 22 | | | | |
| | | Total | 702 | 100 | 29,048 | 100 | | | | | |
| b. Providing technology to help you learn, study or complete coursework | TEC05b | 1 | Very little | 79 | 11 | 2,124 | 8 | 2.6 | 2.9 *** | -.29 | |
| | | 2 | Some | 235 | 34 | 7,019 | 25 | | | | |
| | | 3 | Quite a bit | 270 | 39 | 10,981 | 37 | | | | |
| | | 4 | Very much | 117 | 17 | 8,860 | 29 | | | | |
| | | Total | 701 | 100 | 28,984 | 100 | | | | | |
| c. Teaching you how to use available technologies to learn, study, or complete coursework | TEC05c | 1 | Very little | 102 | 14 | 2,878 | 11 | 2.5 | 2.8 *** | -.24 | |
| | | 2 | Some | 257 | 37 | 8,126 | 29 | | | | |
| | | 3 | Quite a bit | 219 | 31 | 10,061 | 34 | | | | |
| | | 4 | Very much | 124 | 18 | 7,923 | 26 | | | | |
| | | Total | 702 | 100 | 28,988 | 100 | | | | | |
| d. Providing support services to assist you with your use of technology | TEC05d | 1 | Very little | 146 | 21 | 3,045 | 12 | 2.4 | 2.7 *** | -.37 | |
| | | 2 | Some | 259 | 37 | 8,386 | 30 | | | | |
| | | 3 | Quite a bit | 195 | 28 | 9,764 | 33 | | | | |
| | | 4 | Very much | 99 | 14 | 7,712 | 25 | | | | |
| | | Total | 699 | 100 | 28,907 | 100 | | | | | |

*p<.05, **p<.01, ***p<.001 (2-tailed)

First-Year Students

| Variable name | N | Mean | | Standard error ^f | | Standard deviation ^g | | DF ^h | Sig. ⁱ | Effect size ^d |
|---------------|-----|------|--------------------|-----------------------------|--------------------|---------------------------------|--------------------|---|-------------------|--------------------------|
| | URI | URI | Learning with Tech | URI | Learning with Tech | URI | Learning with Tech | Comparisons with: Learning with Tech | | |
| TEC01a | 459 | 3.3 | 3.3 | .04 | .01 | 0.8 | 0.8 | 16,752 | .750 | .02 |
| TEC01b | 457 | 3.2 | 3.2 | .04 | .01 | 0.8 | 0.8 | 16,643 | .861 | .01 |
| TEC01c | 458 | 3.4 | 3.4 | .03 | .01 | 0.7 | 0.7 | 16,706 | .848 | -.01 |
| TEC01d | 457 | 3.0 | 2.8 | .04 | .01 | 0.9 | 1.0 | 488 | .000 | .22 |
| TEC01e | 454 | 2.7 | 2.5 | .05 | .01 | 1.0 | 1.1 | 484 | .001 | .15 |
| TEC02 | 452 | 2.5 | 2.6 | .04 | .01 | 0.9 | 1.0 | 480 | .199 | -.06 |
| TEC03a | 456 | 2.0 | 2.1 | .05 | .01 | 1.0 | 1.1 | 488 | .000 | -.16 |
| TEC03b | 418 | 1.7 | 1.7 | .05 | .01 | 0.9 | 1.0 | 14,545 | .704 | -.02 |
| TEC03c | 448 | 1.6 | 1.6 | .04 | .01 | 0.8 | 0.9 | 477 | .342 | -.04 |
| TEC03d | 447 | 2.0 | 2.2 | .05 | .01 | 1.0 | 1.1 | 477 | .000 | -.20 |
| TEC03e | 445 | 1.8 | 1.9 | .05 | .01 | 1.0 | 1.0 | 16,396 | .089 | -.08 |
| TEC03f | 447 | 2.1 | 2.1 | .05 | .01 | 1.1 | 1.1 | 16,503 | .717 | .02 |
| TEC03g | 443 | 2.2 | 2.4 | .05 | .01 | 1.1 | 1.2 | 469 | .001 | -.16 |
| TEC04a | 453 | 3.5 | 3.4 | .03 | .01 | 0.7 | 0.9 | 489 | .000 | .21 |
| TEC04b | 450 | 2.7 | 2.6 | .04 | .01 | 0.9 | 1.0 | 478 | .860 | .01 |
| TEC04c | 449 | 2.8 | 2.9 | .04 | .01 | 1.0 | 0.9 | 16,636 | .043 | -.10 |
| TEC04d | 452 | 2.2 | 2.2 | .05 | .01 | 1.0 | 1.1 | 16,632 | .323 | .05 |
| TEC04e | 453 | 2.1 | 2.3 | .05 | .01 | 1.0 | 1.0 | 478 | .000 | -.21 |
| TEC05a | 455 | 2.5 | 2.7 | .04 | .01 | 0.9 | 0.9 | 485 | .001 | -.14 |
| TEC05b | 455 | 2.8 | 2.9 | .04 | .01 | 0.9 | 0.9 | 16,678 | .000 | -.18 |
| TEC05c | 455 | 2.7 | 2.9 | .04 | .01 | 0.9 | 0.9 | 16,685 | .000 | -.17 |
| TEC05d | 454 | 2.6 | 2.8 | .04 | .01 | 0.9 | 0.9 | 16,639 | .000 | -.20 |

*p<.05, **p<.01, ***p<.001 (2-tailed)

Seniors

| Variable name | N | Mean | | Standard error ^f | | Standard deviation ^g | | DF ^h | Sig. ⁱ | Effect size ^d |
|---------------|-----|------|--------------------|-----------------------------|--------------------|---------------------------------|--------------------|---|-------------------|--------------------------|
| | URI | URI | Learning with Tech | URI | Learning with Tech | URI | Learning with Tech | Comparisons with: Learning with Tech | | |
| TEC01a | 707 | 3.2 | 3.3 | .03 | .00 | 0.8 | 0.8 | 30,901 | .000 | -.14 |
| TEC01b | 704 | 3.1 | 3.3 | .03 | .00 | 0.8 | 0.8 | 736 | .000 | -.20 |
| TEC01c | 705 | 3.4 | 3.5 | .03 | .00 | 0.7 | 0.7 | 735 | .000 | -.20 |
| TEC01d | 704 | 2.9 | 3.0 | .04 | .01 | 1.0 | 1.0 | 740 | .444 | -.03 |
| TEC01e | 704 | 2.7 | 2.4 | .04 | .01 | 1.0 | 1.1 | 742 | .000 | .26 |
| TEC02 | 699 | 2.4 | 2.6 | .04 | .01 | 1.0 | 1.0 | 30,766 | .000 | -.19 |
| TEC03a | 702 | 1.9 | 2.0 | .04 | .01 | 1.0 | 1.1 | 742 | .000 | -.17 |
| TEC03b | 665 | 1.7 | 1.7 | .04 | .01 | 0.9 | 1.0 | 704 | .469 | -.03 |
| TEC03c | 692 | 1.6 | 1.6 | .03 | .01 | 0.8 | 0.9 | 730 | .030 | -.08 |
| TEC03d | 694 | 2.4 | 2.3 | .04 | .01 | 1.0 | 1.1 | 730 | .124 | .06 |
| TEC03e | 689 | 1.8 | 2.0 | .04 | .01 | 1.0 | 1.1 | 30,391 | .000 | -.16 |
| TEC03f | 696 | 1.9 | 1.9 | .04 | .01 | 1.0 | 1.1 | 30,453 | .216 | -.05 |
| TEC03g | 694 | 2.2 | 2.4 | .04 | .01 | 1.1 | 1.2 | 729 | .000 | -.18 |
| TEC04a | 704 | 3.6 | 3.5 | .03 | .00 | 0.7 | 0.8 | 744 | .000 | .15 |
| TEC04b | 702 | 2.8 | 2.7 | .04 | .01 | 1.0 | 1.0 | 30,786 | .098 | .06 |
| TEC04c | 699 | 3.1 | 3.1 | .03 | .01 | 0.8 | 0.9 | 735 | .173 | .05 |
| TEC04d | 699 | 2.0 | 2.1 | .04 | .01 | 1.1 | 1.1 | 30,672 | .004 | -.11 |
| TEC04e | 694 | 1.9 | 2.3 | .04 | .01 | 1.0 | 1.0 | 726 | .000 | -.37 |
| TEC05a | 702 | 2.5 | 2.7 | .03 | .01 | 0.9 | 0.9 | 739 | .000 | -.19 |
| TEC05b | 702 | 2.6 | 2.9 | .03 | .01 | 0.9 | 0.9 | 30,733 | .000 | -.29 |
| TEC05c | 703 | 2.5 | 2.8 | .04 | .01 | 0.9 | 1.0 | 30,745 | .000 | -.24 |
| TEC05d | 700 | 2.4 | 2.7 | .04 | .01 | 1.0 | 1.0 | 30,646 | .000 | -.37 |

*p<.05, **p<.01, ***p<.001 (2-tailed)

Endnotes

- a. Column percentages are weighted by gender and enrollment status (and institution size for comparison groups). Percentages may not sum to 100 due to rounding. Counts are unweighted; column percentages cannot be replicated from counts.
- b. All statistics are weighted by gender and enrollment status (and institution size for comparison groups). Unless otherwise noted, statistical comparisons are two-tailed independent t-tests. Items with categorical response sets are left blank.
- c. These are the values used to calculate means. For the majority of items, these values match the codes in the data file and codebook.
- d. Effect size for independent t-tests uses Cohen's *d*.
- e. Statistics are weighted by gender and enrollment status (and institution size for comparison groups). Categorical items are not listed.
- f. The 95% confidence interval for the population mean is equal to the sample mean plus or minus 1.96 times the standard error of the mean.
- g. A measure of the amount individual scores deviate from the mean of all the scores in the distribution.
- h. Degrees of freedom used to compute the t-tests. Values differ from Ns due to weighting and whether equal variances were assumed.
- i. Statistical comparisons are two-tailed independent t-tests. Statistical significance represents the probability that the difference between your students' mean and that of the comparison group is due to chance.