## The percentage of students that said they were skilled (fairly skilled, very skilled, or expert) with the following aspects of technology

<table>
<thead>
<tr>
<th>aspect</th>
<th>First Year</th>
<th>Senior</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>9a. College/university library website</td>
<td>93 78%</td>
<td>109 86%</td>
<td>202 83%</td>
</tr>
<tr>
<td>9b. Spreadsheets (Excel, Numbers, Google Spreadsheets, etc.)</td>
<td>93 71%</td>
<td>108 75%</td>
<td>201 73%</td>
</tr>
<tr>
<td>9c. Presentation software (PowerPoint, Keynote, Google Presentations, etc.)</td>
<td>93 97%</td>
<td>108 90%</td>
<td>201 93%</td>
</tr>
<tr>
<td>9d. Graphics software (Photoshop, Flash, etc.)</td>
<td>92 47%</td>
<td>109 41%</td>
<td>201 44%</td>
</tr>
<tr>
<td>9e. Computer maintenance (software updates, security, etc.)</td>
<td>92 61%</td>
<td>107 61%</td>
<td>199 61%</td>
</tr>
<tr>
<td>9f. Using the Internet to effectively and efficiently search for information</td>
<td>93 99%</td>
<td>109 98%</td>
<td>202 99%</td>
</tr>
<tr>
<td>9g. Evaluating the reliability and credibility of online sources of information</td>
<td>92 89%</td>
<td>109 91%</td>
<td>201 90%</td>
</tr>
<tr>
<td>9h. Understanding the ethical/legal issues surrounding access to and the use of digital information</td>
<td>93 82%</td>
<td>109 84%</td>
<td>202 83%</td>
</tr>
</tbody>
</table>

1 = "Not at all skilled"
2 = "Not very skilled"
3 = "Fairly skilled"
4 = "Very skilled"
5 = "Expert"
### Q9: What is your skill level with the following?

<table>
<thead>
<tr>
<th>Skill Area</th>
<th>First Year</th>
<th>Class Standing</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N</td>
<td>Mean</td>
<td>Std. Deviation</td>
</tr>
<tr>
<td>9b. Spreadsheets (Excel, Numbers, Google Spreadsheets, etc.)</td>
<td>93</td>
<td>2.97</td>
<td>.961</td>
</tr>
<tr>
<td>9c. Presentation software (PowerPoint, Keynote, Google Presentations, etc.)</td>
<td>93</td>
<td>3.66</td>
<td>.787</td>
</tr>
<tr>
<td>9d. Graphics software (Photoshop, Flash, etc.)</td>
<td>92</td>
<td>2.46</td>
<td>1.010</td>
</tr>
<tr>
<td>9e. Computer maintenance (software updates, security, etc.)</td>
<td>92</td>
<td>2.79</td>
<td>1.115</td>
</tr>
<tr>
<td>9f. Using the Internet to effectively and efficiently search for information</td>
<td>93</td>
<td>4.11</td>
<td>.773</td>
</tr>
<tr>
<td>9g. Evaluating the reliability and credibility of online sources of information</td>
<td>92</td>
<td>3.63</td>
<td>.898</td>
</tr>
<tr>
<td>9h. Understanding the ethical/legal issues surrounding access to and the use of digital information</td>
<td>93</td>
<td>3.24</td>
<td>.960</td>
</tr>
</tbody>
</table>

1 = "Not at all skilled"
2 = "Not very skilled"
3 = "Fairly skilled"
4 = "Very skilled"
5 = "Expert"
### 10a. For your courses this quarter/semester, which type of applications are you using? Word processors (Word, Pages, Google Documents, etc.)

<table>
<thead>
<tr>
<th>Class Standing</th>
<th>Freshman or first year</th>
<th>Senior or final year</th>
<th>Total</th>
</tr>
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<tbody>
<tr>
<td>Do not use</td>
<td>Count</td>
<td>%</td>
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<tr>
<td></td>
<td>2</td>
<td>2%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>3%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>2%</td>
<td></td>
</tr>
<tr>
<td>Computer-based</td>
<td>Count</td>
<td>%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>72</td>
<td>77%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>66</td>
<td>61%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>138</td>
<td>69%</td>
<td></td>
</tr>
<tr>
<td>Network-based</td>
<td>Count</td>
<td>%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>1%</td>
<td></td>
</tr>
<tr>
<td></td>
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<td>2%</td>
<td></td>
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<tr>
<td></td>
<td>3</td>
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<td>%</td>
<td></td>
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<td></td>
<td>14</td>
<td>15%</td>
<td></td>
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<tr>
<td></td>
<td>34</td>
<td>31%</td>
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<tr>
<td></td>
<td>48</td>
<td>24%</td>
<td></td>
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<tr>
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<td>Count</td>
<td>%</td>
<td></td>
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<tr>
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<td>4</td>
<td>4%</td>
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<tr>
<td></td>
<td>3</td>
<td>3%</td>
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<td>3%</td>
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<tr>
<td>Total</td>
<td>Count</td>
<td>%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>93</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>108</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>201</td>
<td>100%</td>
<td></td>
</tr>
</tbody>
</table>

### 10b. For your courses this quarter/semester, which type of applications are you using? Spreadsheets (Excel, Numbers, Google Spreadsheets, etc.)

<table>
<thead>
<tr>
<th>Class Standing</th>
<th>Freshman or first year</th>
<th>Senior or final year</th>
<th>Total</th>
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<tbody>
<tr>
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<td>Count</td>
<td>%</td>
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<td>66</td>
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<tr>
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<td>Count</td>
<td>%</td>
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<td>44</td>
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<td>%</td>
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<td>8%</td>
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<td>4</td>
<td>4%</td>
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<tr>
<td>Total</td>
<td>Count</td>
<td>%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>91</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>108</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>199</td>
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<td></td>
</tr>
</tbody>
</table>

### 10c. For your courses this quarter/semester, which type of applications are you using? Presentation software (PowerPoint, Keynote, Google Presentations, etc.)

<table>
<thead>
<tr>
<th>Class Standing</th>
<th>Freshman or first year</th>
<th>Senior or final year</th>
<th>Total</th>
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<tbody>
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<td>Count</td>
<td>%</td>
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<td>14%</td>
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<td>14%</td>
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<td>28</td>
<td>14%</td>
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<tr>
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<td>%</td>
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<td>133</td>
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<tr>
<td></td>
<td>4</td>
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<td>%</td>
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<td>9%</td>
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<td>21</td>
<td>19%</td>
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</tr>
<tr>
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<td>29</td>
<td>15%</td>
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</tr>
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<td>Count</td>
<td>%</td>
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</tr>
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<td>4</td>
<td>4%</td>
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<td>%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>92</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>108</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>200</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>Q11: The percentage of students using the following for any of their courses this quarter/semesterss</td>
<td>Class Standing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----------------------------------------------------------------------------------------------</td>
<td>----------------</td>
<td>----------</td>
<td>----------</td>
</tr>
<tr>
<td></td>
<td>Freshman or first year</td>
<td>Senior or final year</td>
<td>Total</td>
</tr>
<tr>
<td></td>
<td>N</td>
<td>%</td>
<td>N</td>
</tr>
<tr>
<td>11a. Instant messaging</td>
<td>93</td>
<td>16%</td>
<td>109</td>
</tr>
<tr>
<td>11b. Video-sharing websites (YouTube, etc.)</td>
<td>93</td>
<td>32%</td>
<td>109</td>
</tr>
<tr>
<td>11c. Photo-sharing websites (Flickr, Snapfish, Picasa, etc.)</td>
<td>93</td>
<td>8%</td>
<td>109</td>
</tr>
<tr>
<td>11d. College/university library website</td>
<td>93</td>
<td>83%</td>
<td>109</td>
</tr>
<tr>
<td>11e. Graphics software (Photoshop, Flash, etc.)</td>
<td>93</td>
<td>13%</td>
<td>109</td>
</tr>
<tr>
<td>11f. Audio-creation software (Audacity, GarageBand, etc.)</td>
<td>93</td>
<td>7%</td>
<td>109</td>
</tr>
<tr>
<td>11g. Video-creation software (MovieMaker, iMovie, etc.)</td>
<td>93</td>
<td>10%</td>
<td>109</td>
</tr>
<tr>
<td>11h. Discipline-specific technologies (Mathematica, AutoCAD, STELLA, etc.)</td>
<td>93</td>
<td>11%</td>
<td>109</td>
</tr>
<tr>
<td>11i. Programming languages (C++, Java, etc.)</td>
<td>93</td>
<td>10%</td>
<td>109</td>
</tr>
<tr>
<td>11j. Social networking websites (Facebook, MySpace, Bebo, LinkedIn, etc.)</td>
<td>93</td>
<td>43%</td>
<td>109</td>
</tr>
<tr>
<td>11k. Twitter or a similar application</td>
<td>93</td>
<td>7%</td>
<td>109</td>
</tr>
<tr>
<td>11l. Wikis (Wikipedia, course wiki, etc.)</td>
<td>93</td>
<td>26%</td>
<td>109</td>
</tr>
<tr>
<td>11m. Blogs</td>
<td>93</td>
<td>16%</td>
<td>109</td>
</tr>
<tr>
<td>11n. Simulations or educational games</td>
<td>93</td>
<td>8%</td>
<td>109</td>
</tr>
<tr>
<td>11o. Online virtual worlds (Second Life, Forterra, etc.)</td>
<td>93</td>
<td>1%</td>
<td>109</td>
</tr>
<tr>
<td>11p. Course lecture podcasts or videos</td>
<td>93</td>
<td>8%</td>
<td>109</td>
</tr>
<tr>
<td>11q. Social bookmarking/tagging (Delicious, Digg, Newsvine, Twine, etc.)</td>
<td>93</td>
<td>3%</td>
<td>109</td>
</tr>
<tr>
<td>11r. Web-based citation/bibliography tools (CiteULike, OttoBib, etc.)</td>
<td>93</td>
<td>41%</td>
<td>109</td>
</tr>
<tr>
<td>11s. Web-based to-do lists/task-managers (Remember the Milk, Ta-da, etc.)</td>
<td>93</td>
<td>4%</td>
<td>109</td>
</tr>
<tr>
<td>11t. Web-based calendars (Google Calendar, etc.)</td>
<td>93</td>
<td>14%</td>
<td>109</td>
</tr>
<tr>
<td>11u. College-related review/opinion sites (RateMyProfessors, College Prowler, Unigo, College Confidential, etc.)</td>
<td>93</td>
<td>43%</td>
<td>109</td>
</tr>
<tr>
<td>11v. College study support (Cramster, Turnitin, Essay Checker, ShareNotes, etc.)</td>
<td>93</td>
<td>10%</td>
<td>109</td>
</tr>
<tr>
<td>11w. Textbook publisher resource websites (Pearson, McGraw-Hill, etc.)</td>
<td>93</td>
<td>28%</td>
<td>109</td>
</tr>
<tr>
<td>11x. E-portfolios</td>
<td>93</td>
<td>2%</td>
<td>109</td>
</tr>
<tr>
<td>11y. E-books or e-textbooks</td>
<td>93</td>
<td>19%</td>
<td>109</td>
</tr>
<tr>
<td>11z. Clickers or student response systems</td>
<td>93</td>
<td>15%</td>
<td>109</td>
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</table>
Q12. Which best describes your preference?

<table>
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<th>Class Standing</th>
<th>First Year</th>
<th>Senior</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>I prefer taking courses that use <strong>no</strong> information technology.</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>%</td>
<td>1%</td>
<td>1%</td>
<td>1%</td>
</tr>
<tr>
<td>I prefer taking courses that use <strong>limited</strong> information technology</td>
<td>20</td>
<td>13</td>
<td>33</td>
</tr>
<tr>
<td>%</td>
<td>22%</td>
<td>12%</td>
<td>16%</td>
</tr>
<tr>
<td>I prefer taking courses that use a <strong>moderate level</strong> of information technology</td>
<td>55</td>
<td>71</td>
<td>126</td>
</tr>
<tr>
<td>%</td>
<td>59%</td>
<td>65%</td>
<td>62%</td>
</tr>
<tr>
<td>I prefer taking courses that use information technology <strong>extensively</strong></td>
<td>15</td>
<td>21</td>
<td>36</td>
</tr>
<tr>
<td>%</td>
<td>16%</td>
<td>19%</td>
<td>18%</td>
</tr>
<tr>
<td>I prefer taking courses that use information technology <strong>exclusively</strong></td>
<td>2</td>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td>%</td>
<td>2%</td>
<td>3%</td>
<td>2%</td>
</tr>
<tr>
<td>Total</td>
<td>93</td>
<td>109</td>
<td>202</td>
</tr>
<tr>
<td>%</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>Q12: I prefer taking courses that use ______ information technology</td>
<td>First Year</td>
<td>Class Standing</td>
<td>Total</td>
</tr>
<tr>
<td>---------------</td>
<td>---------------</td>
<td>---------------</td>
<td>-------</td>
</tr>
<tr>
<td></td>
<td>N</td>
<td>Mean</td>
<td>Std. Deviation</td>
</tr>
<tr>
<td>1 = &quot;no&quot;</td>
<td>93</td>
<td>2.97</td>
<td>.714</td>
</tr>
<tr>
<td>2 = &quot;limited&quot;</td>
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<td></td>
</tr>
<tr>
<td>3 = &quot;moderate level&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 = &quot;extensive level&quot;</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>5 = &quot;exclusive level&quot;</td>
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</tbody>
</table>
### 13a. How many of your instructors: Use information technology (IT) effectively in courses

<table>
<thead>
<tr>
<th>Class Standing</th>
<th>First Year</th>
<th>Senior</th>
<th>Total</th>
<th>Count</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>None or almost none</td>
<td>9</td>
<td>4</td>
<td>13</td>
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<td>10%</td>
</tr>
<tr>
<td>Some</td>
<td>28</td>
<td>26</td>
<td>54</td>
<td></td>
<td>30%</td>
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<tr>
<td>About half</td>
<td>20</td>
<td>40</td>
<td>60</td>
<td></td>
<td>22%</td>
</tr>
<tr>
<td>Most</td>
<td>21</td>
<td>22</td>
<td>43</td>
<td></td>
<td>23%</td>
</tr>
<tr>
<td>All or almost all</td>
<td>13</td>
<td>16</td>
<td>29</td>
<td></td>
<td>14%</td>
</tr>
<tr>
<td>Don't know</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td></td>
<td>1%</td>
</tr>
<tr>
<td>Total</td>
<td>92</td>
<td>109</td>
<td>201</td>
<td></td>
<td>100%</td>
</tr>
</tbody>
</table>

### 13b. How many of your instructors: Provide students with adequate training for the IT the instructors use in their courses

<table>
<thead>
<tr>
<th>Class Standing</th>
<th>First Year</th>
<th>Senior</th>
<th>Total</th>
<th>Count</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>None or almost none</td>
<td>27</td>
<td>24</td>
<td>51</td>
<td></td>
<td>29%</td>
</tr>
<tr>
<td>Some</td>
<td>29</td>
<td>32</td>
<td>61</td>
<td></td>
<td>32%</td>
</tr>
<tr>
<td>About half</td>
<td>16</td>
<td>25</td>
<td>41</td>
<td></td>
<td>17%</td>
</tr>
<tr>
<td>Most</td>
<td>10</td>
<td>14</td>
<td>24</td>
<td></td>
<td>11%</td>
</tr>
<tr>
<td>All or almost all</td>
<td>3</td>
<td>12</td>
<td>15</td>
<td></td>
<td>3%</td>
</tr>
<tr>
<td>Don't know</td>
<td>7</td>
<td>2</td>
<td>9</td>
<td></td>
<td>8%</td>
</tr>
<tr>
<td>Total</td>
<td>92</td>
<td>109</td>
<td>201</td>
<td></td>
<td>100%</td>
</tr>
</tbody>
</table>

### 13c. How many of your instructors: Have adequate IT skills for carrying out course instruction

<table>
<thead>
<tr>
<th>Class Standing</th>
<th>First Year</th>
<th>Senior</th>
<th>Total</th>
<th>Count</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>None or almost none</td>
<td>11</td>
<td>10</td>
<td>21</td>
<td></td>
<td>12%</td>
</tr>
<tr>
<td>Some</td>
<td>22</td>
<td>35</td>
<td>57</td>
<td></td>
<td>24%</td>
</tr>
<tr>
<td>About half</td>
<td>22</td>
<td>30</td>
<td>52</td>
<td></td>
<td>24%</td>
</tr>
<tr>
<td>Most</td>
<td>25</td>
<td>21</td>
<td>46</td>
<td></td>
<td>27%</td>
</tr>
<tr>
<td>All or almost all</td>
<td>9</td>
<td>11</td>
<td>20</td>
<td></td>
<td>10%</td>
</tr>
<tr>
<td>Don't know</td>
<td>3</td>
<td>2</td>
<td>5</td>
<td></td>
<td>3%</td>
</tr>
<tr>
<td>Total</td>
<td>92</td>
<td>109</td>
<td>201</td>
<td></td>
<td>100%</td>
</tr>
</tbody>
</table>
Q14. Have you ever taken a course that used a course or learning management system (a system that provides tools such as online syllabi, sample exams, and grade book)?

<table>
<thead>
<tr>
<th>Class Standing</th>
<th>First Year</th>
<th>Senior</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>5</td>
<td>3</td>
<td>8</td>
</tr>
<tr>
<td>%</td>
<td>5%</td>
<td>3%</td>
<td>4%</td>
</tr>
<tr>
<td>Yes</td>
<td>88</td>
<td>106</td>
<td>194</td>
</tr>
<tr>
<td>%</td>
<td>95%</td>
<td>97%</td>
<td>96%</td>
</tr>
<tr>
<td>Total</td>
<td>93</td>
<td>109</td>
<td>202</td>
</tr>
<tr>
<td>%</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
</tr>
</tbody>
</table>
Q15. Are you using a course or learning management system for any of your courses this quarter/semester?

<table>
<thead>
<tr>
<th>Class Standing</th>
<th>First Year</th>
<th>Senior</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Count</td>
<td>24</td>
<td>32</td>
<td>56</td>
</tr>
<tr>
<td>%</td>
<td>28%</td>
<td>30%</td>
<td>29%</td>
</tr>
<tr>
<td>Yes Count</td>
<td>63</td>
<td>74</td>
<td>137</td>
</tr>
<tr>
<td>%</td>
<td>72%</td>
<td>70%</td>
<td>71%</td>
</tr>
<tr>
<td>Total Count</td>
<td>87</td>
<td>106</td>
<td>193</td>
</tr>
<tr>
<td>%</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
</tr>
</tbody>
</table>
Q17. How many of your courses this quarter/semester are entirely online (i.e., students and faculty do not regularly meet as a group in a physical space)?

<table>
<thead>
<tr>
<th>Class Standing</th>
<th>Total</th>
<th>First Year</th>
<th>Senior</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>160</td>
<td>72</td>
<td>88</td>
<td>77%</td>
</tr>
<tr>
<td>Some</td>
<td>37</td>
<td>20</td>
<td>17</td>
<td>22%</td>
</tr>
<tr>
<td>All</td>
<td>3</td>
<td>1</td>
<td>2</td>
<td>1%</td>
</tr>
<tr>
<td>Total</td>
<td>200</td>
<td>93</td>
<td>107</td>
<td>100%</td>
</tr>
</tbody>
</table>

ECAR2011_Analysis.xlsx
Q18: The percentage of students that agree or strongly agree with the following statements:

<table>
<thead>
<tr>
<th>Statement</th>
<th>First Year</th>
<th></th>
<th>Senior</th>
<th></th>
<th>Total</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N</td>
<td>%</td>
<td>N</td>
<td>%</td>
<td>N</td>
<td>%</td>
</tr>
<tr>
<td>18a. I get more actively involved in courses that use IT.</td>
<td>92</td>
<td>25%</td>
<td>109</td>
<td>33%</td>
<td>201</td>
<td>29%</td>
</tr>
<tr>
<td>18b. The use of IT in my courses improves my learning.</td>
<td>93</td>
<td>37%</td>
<td>109</td>
<td>36%</td>
<td>202</td>
<td>36%</td>
</tr>
<tr>
<td>18c. IT makes doing my course activities more convenient.</td>
<td>93</td>
<td>65%</td>
<td>108</td>
<td>74%</td>
<td>201</td>
<td>70%</td>
</tr>
<tr>
<td>18d. By the time I graduate, the IT I have used in my courses will have adequately prepared me for the workplace.</td>
<td>93</td>
<td>39%</td>
<td>108</td>
<td>52%</td>
<td>201</td>
<td>46%</td>
</tr>
<tr>
<td>18e. My institution's IT services are always available when I need them for my coursework.</td>
<td>92</td>
<td>36%</td>
<td>108</td>
<td>40%</td>
<td>200</td>
<td>38%</td>
</tr>
<tr>
<td>18f. I skip classes when materials from course lectures are available online.</td>
<td>92</td>
<td>11%</td>
<td>109</td>
<td>8%</td>
<td>201</td>
<td>9%</td>
</tr>
<tr>
<td>18g. When I entered college, I was adequately prepared to use IT as needed in my courses.</td>
<td>92</td>
<td>45%</td>
<td>109</td>
<td>48%</td>
<td>201</td>
<td>46%</td>
</tr>
</tbody>
</table>

1 = "Strongly Disagree"
2 = "Disagree"
3 = "Neutral"
4 = "Agree"
5 = "Strongly Agree"
<table>
<thead>
<tr>
<th>Q18: What is your opinion about the following statements?</th>
<th>Class Standing</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>First Year</strong></td>
<td><strong>Senior</strong></td>
<td><strong>Total</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>N</strong></td>
<td><strong>Mean</strong></td>
<td><strong>Std. Deviation</strong></td>
<td><strong>N</strong></td>
<td><strong>Mean</strong></td>
</tr>
<tr>
<td>18a. I get more actively involved in courses that use IT.</td>
<td>92</td>
<td>2.90</td>
<td>.961</td>
<td>109</td>
<td>2.99</td>
</tr>
<tr>
<td>18c. IT makes doing my course activities more convenient.</td>
<td>93</td>
<td>3.57</td>
<td>1.004</td>
<td>108</td>
<td>3.84</td>
</tr>
<tr>
<td>18d. By the time I graduate, the IT I have used in my courses will have adequately prepared me for the workplace.</td>
<td>93</td>
<td>3.24</td>
<td>.890</td>
<td>108</td>
<td>3.39</td>
</tr>
<tr>
<td>18e. My institution's IT services are always available when I need them for my coursework.</td>
<td>92</td>
<td>3.07</td>
<td>1.025</td>
<td>108</td>
<td>3.10</td>
</tr>
<tr>
<td>18f. I skip classes when materials from course lectures are available online.</td>
<td>92</td>
<td>1.99</td>
<td>.978</td>
<td>109</td>
<td>1.98</td>
</tr>
<tr>
<td>18g. When I entered college, I was adequately prepared to use IT as needed in my courses.</td>
<td>92</td>
<td>3.22</td>
<td>1.078</td>
<td>109</td>
<td>3.16</td>
</tr>
</tbody>
</table>

1 = "Strongly Disagree"
2 = "Disagree"
3 = "Neutral"
4 = "Agree"
5 = "Strongly Agree"
### Traditional or Non-Traditional Student

<table>
<thead>
<tr>
<th></th>
<th>Frequency</th>
<th>Percent</th>
<th>Valid</th>
<th>Percent</th>
<th>Cumulative</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Traditional Student (age 23 and below)</td>
<td>182</td>
<td>81.6</td>
<td>81.6</td>
<td>81.6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-Traditional Student (age 24 and above)</td>
<td>41</td>
<td>18.4</td>
<td>18.4</td>
<td>100.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>223</td>
<td>100.0</td>
<td>100.0</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Gender

<table>
<thead>
<tr>
<th></th>
<th>Frequency</th>
<th>Percent</th>
<th>Valid</th>
<th>Percent</th>
<th>Cumulative</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>74</td>
<td>33.2</td>
<td>33.5</td>
<td>33.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Female</td>
<td>147</td>
<td>65.9</td>
<td>66.5</td>
<td>100.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Missing System</td>
<td>2</td>
<td>.9</td>
<td>.9</td>
<td></td>
<td>.9</td>
<td>100.0</td>
</tr>
<tr>
<td>Total</td>
<td>221</td>
<td>99.1</td>
<td>100.0</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Cumulative GPA

<table>
<thead>
<tr>
<th></th>
<th>Frequency</th>
<th>Percent</th>
<th>Valid</th>
<th>Percent</th>
<th>Cumulative</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>27</td>
<td>12.1</td>
<td>12.2</td>
<td>12.2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A-</td>
<td>55</td>
<td>24.7</td>
<td>24.9</td>
<td>37.1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B+</td>
<td>45</td>
<td>20.2</td>
<td>20.4</td>
<td>57.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>38</td>
<td>17.0</td>
<td>17.2</td>
<td>74.7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B-</td>
<td>30</td>
<td>13.5</td>
<td>13.6</td>
<td>88.2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C+</td>
<td>11</td>
<td>4.9</td>
<td>5.0</td>
<td>93.2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>2</td>
<td>.9</td>
<td>.9</td>
<td>94.1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C- or lower</td>
<td>6</td>
<td>2.7</td>
<td>2.7</td>
<td>96.8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Don't know</td>
<td>7</td>
<td>3.1</td>
<td>3.2</td>
<td>100.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Missing System</td>
<td>2</td>
<td>.9</td>
<td>.9</td>
<td></td>
<td>.9</td>
<td>100.0</td>
</tr>
<tr>
<td>Total</td>
<td>221</td>
<td>99.1</td>
<td>100.0</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Full-Time or Part-Time Student

<table>
<thead>
<tr>
<th></th>
<th>Frequency</th>
<th>Percent</th>
<th>Valid</th>
<th>Percent</th>
<th>Cumulative</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full-time</td>
<td>204</td>
<td>91.5</td>
<td>91.5</td>
<td>91.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Part-time</td>
<td>18</td>
<td>8.5</td>
<td>8.5</td>
<td>100.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>223</td>
<td>100.0</td>
<td>100.0</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### What are you majoring in?

<table>
<thead>
<tr>
<th>Major</th>
<th>Frequency</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Social sciences</td>
<td>38</td>
<td>17%</td>
</tr>
<tr>
<td>Humanities</td>
<td>24</td>
<td>11%</td>
</tr>
<tr>
<td>Fine arts</td>
<td>32</td>
<td>5%</td>
</tr>
<tr>
<td>Life/biological sciences, including agriculture and health sciences</td>
<td>35</td>
<td>7%</td>
</tr>
<tr>
<td>Physical sciences, including math</td>
<td>38</td>
<td>8%</td>
</tr>
<tr>
<td>Education, including physical education</td>
<td>73</td>
<td>33%</td>
</tr>
<tr>
<td>Engineering, including computer science</td>
<td>32</td>
<td>5%</td>
</tr>
<tr>
<td>Business</td>
<td>18</td>
<td>8%</td>
</tr>
<tr>
<td>Other</td>
<td>38</td>
<td>17%</td>
</tr>
<tr>
<td>Undecided</td>
<td>9</td>
<td>4%</td>
</tr>
</tbody>
</table>