Appendix C 7.4:

Summary Course Learning Outcomes for Fall 2011

Summary of Fall 2011

Results of Learning Outcomes for Program goals
These mappings are found on the master syllabi for each course- stating which courses map to each program.
1-12-2012 faculty reviewed all program and course goals

Associate of Applied Science in Information Network Security Specialist

Learning Outcome A: clarity in verbal and written communication to accurately convey technical information and to critically read and interpret technical literature

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
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<th>Students Evaluated</th>
<th>Students Successful</th>
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Learning Outcome B: the ability to critically analyze and solve real world security issues understanding the legal and ethical concerns

Summative Assessment: Average results from all learning outcomes in the courses listed below

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</tr>
</tbody>
</table>
Learning Outcome C: mastery in security awareness and network threats enabling graduates to critically analyze and react to new developments in their field

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
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Learning Outcome D: the utilization of mathematics to collect, analyze and interpret technical data collected through investigation and experimentation

Summative Assessment: Average results from all learning outcomes in the courses listed below

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Learning Outcome E: an application of computer networks and firewalls to gain hands-on experience

Summative Assessment: Average results from all learning outcomes in the courses listed below

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Results of Learning Outcomes for Program goals
These mappings are found on the master syllabi for each course- stating which courses map to each program.

1-12-2012 faculty reviewed the AAS INSS program and were excited by the high success rates of the students in the program. With the addition of 272, the faculty recommend adding CIT 172 and 272 to program outcome C. As a further note, it was mentioned that spring 2012 is the last time that CIT 120 will be offered, therefore all references will need to be updated from CIT 120 to 121.
Associate of Applied Science in Information Network Specialist

Learning Outcome A: clarity in verbal and written communication to accurately convey technical information and to critically read and interpret technical literature;

Summative Assessment: Average results from all learning outcomes in the courses listed below

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</table>

Learning Outcome B: the ability to critically analyze computer network installation, maintenance, management and enhancement;

Summative Assessment: Average results from all learning outcomes in the courses listed below

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</table>

Learning Outcome C: working knowledge in local area networks, wide area networks, servers and other end-user devices enabling graduates to critically analyze and react to new developments in their field;

Summative Assessment: Average results from all learning outcomes in the courses listed below
Learning Outcome D: the utilization of mathematics to collect, analyze and interpret technical data collected through investigation and experimentation;

Summative Assessment: Average results from all learning outcomes in the courses listed below

Learning Outcome E: an application of software responsibilities for managing software, security, and user accounts to gain hands-on experience.

Summative Assessment: Average results from all learning outcomes in the courses listed below
CIT 222 4 4 4 100.00% 100.00%
CIT 279 18 14 13 89.29% 89.29%
CIT 292 3 3 3 100.00% 100.00%
TOTAL: 201 181 174 95.77% 86.25%

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</table>

Results of Learning Outcomes for Program goals
These mappings are found on the master syllabi for each course- stating which courses map to each program.

1-12-2012 faculty reviewed the AAS INS program and were excited by the high success rates of the students in the program. The faculty recommended updating the program outcomes due to the addition of the new course 282: include CIT 282 and remove CIT 115.
Associate of Applied Science in Information Programmer Analyst

Learning Outcome A: clarity in verbal and written communication to accurately convey technical information and to critically read and interpret technical literature;

Summative Assessment: Average results from all learning outcomes in the courses listed below

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<td>CIT 230</td>
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<tr>
<td>TOTAL:</td>
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<td>94</td>
<td>85</td>
<td>89.81%</td>
<td>78.97%</td>
</tr>
</tbody>
</table>

Learning Outcome B: the ability to critically analyze the use of mainframe computers in conjunction with web and server applications;

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
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<td>CIT 230</td>
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</table>

Learning Outcome C: working knowledge by learning relevant computer languages to enabling graduates to critically analyze and react to new developments in their field;

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
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<td>95.24%</td>
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<td>67.88%</td>
</tr>
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<td>7</td>
<td>6</td>
<td>89.14%</td>
<td>75.00%</td>
</tr>
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<td>11.25</td>
<td>10.50</td>
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<td>80.77%</td>
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<td></td>
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<td></td>
</tr>
</tbody>
</table>
Learning Outcome D: the utilization of mathematics to collect, analyze and interpret technical data collected through investigation and experimentation

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
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<tbody>
<tr>
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<td>31</td>
<td>30</td>
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Learning Outcome E: an application of computer web server and programming applications to gain hands-on experience.

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
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<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
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</tr>
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<td>CIT 282</td>
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<td>50</td>
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<td>83.33%</td>
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</tbody>
</table>

Results of Learning Outcomes for Program goals
These mappings are found on the master syllabi for each course- stating which courses map to each program.

1-12-2012 faculty reviewed the AAS IPA program and were excited by the high success rates of the students in the program. The faculty recommended updating the program outcomes to remove all references to CIT 115 as it is not in the program.
Learning Outcome A: clarity in verbal and written communication to accurately convey technical information and to critically read and interpret technical literature

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
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<td>90.59%</td>
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</tr>
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<tr>
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</tr>
<tr>
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<td>67.88%</td>
</tr>
<tr>
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<td>91.20%</td>
</tr>
<tr>
<td>CIT 279</td>
<td>18</td>
<td>14</td>
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<td>89.29%</td>
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<tr>
<td>CIT 282</td>
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</table>

Learning Outcome B: the ability to critically analyze and solve real world client and server system issues;

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
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<tr>
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<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
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<tbody>
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<td>CIT 115</td>
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<td>85.03%</td>
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<tr>
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<tr>
<td>CIT 170</td>
<td>25</td>
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<tr>
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<tr>
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</table>

Learning Outcome C: working knowledge in multiple operating system environments enabling graduates to critically analyze and react to new developments in their field;

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
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<tr>
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<td>49</td>
<td>49</td>
<td>100.00%</td>
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</tr>
</tbody>
</table>

Learning Outcome D: the utilization of mathematics to collect, analyze and interpret technical data collected through security investigation and experimentation; and
### Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
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<tr>
<td>CIT 115</td>
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<td>100.00%</td>
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<td>85.03%</td>
</tr>
<tr>
<td>CIT 121</td>
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<td>9</td>
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<tr>
<td>CIT 282</td>
<td>TOTAL:</td>
<td>52</td>
<td>47</td>
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</table>

**Learning Outcome E: an application of networking and systems integration to gain hands-on experience**

### Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
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<td>90.59%</td>
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<tr>
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<tr>
<td>CIT 120</td>
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<td>96.88%</td>
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</tr>
<tr>
<td>CIT 121</td>
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<td>100.00%</td>
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</tr>
<tr>
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### AASISAS

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</table>

### Results of Learning Outcomes for Program goals

These mappings are found on the master syllabi for each course - stating which courses map to each program.

1-12-2012 faculty reviewed the AASISAS program and were excited by the high success rates of the students in the program. The faculty recommended updating the program outcomes to remove all references to CIT 115 as it is not in the program.
Learning Outcome A: clarity in verbal and written communication to accurately convey technical information and to critically read and interpret technical literature;

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
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</tr>
<tr>
<td>CIS 217</td>
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<tr>
<td>CIT 130</td>
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<td>45</td>
<td>37</td>
<td>83.33%</td>
<td>67.88%</td>
</tr>
<tr>
<td>CIT 149</td>
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<td>11</td>
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<td>80.77%</td>
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<td>85.34%</td>
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</table>

Learning Outcome B: the ability to critically analyze and solve real world user interaction;

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
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<td>11</td>
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<td>80.77%</td>
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<td>52</td>
<td>43</td>
<td>83.60%</td>
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</table>

Learning Outcome C: working knowledge in learning relevant computer languages enabling graduates to critically analyze and react to new developments in their field;

Summative Assessment: Average results from all learning outcomes in the courses listed below
<table>
<thead>
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<th>Course</th>
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<td>18</td>
<td>17</td>
<td>90.41%</td>
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</tbody>
</table>

Learning Outcome D: the utilization of mathematics to collect, analyze and interpret technical data collected through security investigation and experimentation.

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
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<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
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<th>Overall Student Success</th>
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<td>67.88%</td>
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<td>52</td>
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</table>

Learning Outcome E: an application of web and computer programming applications to gain hands-on experience.

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 117</td>
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<td>CIS 120</td>
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<td>CIS 217</td>
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<tr>
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<td>11</td>
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<td>80.77%</td>
</tr>
<tr>
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<td></td>
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<td></td>
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</tr>
<tr>
<td>CIT 160</td>
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<tr>
<td>CIT 161</td>
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<td>CIT 230</td>
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<td>CIT 235</td>
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<td>CIT 294</td>
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</tr>
<tr>
<td>TOTAL:</td>
<td>76</td>
<td>63</td>
<td>54</td>
<td>85.34%</td>
<td>70.83%</td>
</tr>
</tbody>
</table>
1-12-2012 faculty reviewed the AAS WAP program and were concerned by the lower success rates of the students in the program. The faculty identified the main concern from student success in CIT 130. The specific faculty response about CIT 130 during fall with regard to having access to software at the beginning of the semester. We will insure the software for each class be available based on the room assignment prior to the start of the class.
Summary of Semester - Spring 2012

Results of Learning Outcomes for Program goals
These mappings are found on the master syllabi for each course- stating which courses map to each program.

Associate of Applied Science in Information Network Security Specialist
Spring 2012

Learning Outcome A: clarity in verbal and written communication to accurately convey technical information and to critically read and interpret technical literature

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 101</td>
<td>60</td>
<td>51</td>
<td>50</td>
<td>98.03%</td>
<td>82.92%</td>
</tr>
<tr>
<td>CIT 112</td>
<td>18</td>
<td>16</td>
<td>9</td>
<td>53.75%</td>
<td>47.78%</td>
</tr>
<tr>
<td>CIT 115</td>
<td>33</td>
<td>29</td>
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<td>96.55%</td>
<td>84.85%</td>
</tr>
<tr>
<td>CIT 210</td>
<td>13</td>
<td>13</td>
<td>13</td>
<td>97.44%</td>
<td>97.44%</td>
</tr>
<tr>
<td>CIT 279</td>
<td>28</td>
<td>24</td>
<td>22</td>
<td>94.68%</td>
<td>94.68%</td>
</tr>
<tr>
<td>CIT 293</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>94.68%</td>
<td>94.68%</td>
</tr>
<tr>
<td><strong>TOTAL:</strong></td>
<td><strong>158</strong></td>
<td><strong>138</strong></td>
<td><strong>127</strong></td>
<td><strong>92.06%</strong></td>
<td><strong>80.55%</strong></td>
</tr>
</tbody>
</table>

Note: CIT 121 and 122 were removed as they were not offered in spring.

Learning Outcome B: the ability to critically analyze and solve real world security issues understanding the legal and ethical concerns

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
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<tbody>
<tr>
<td>CIT 101</td>
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<td>51</td>
<td>50</td>
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<td>82.92%</td>
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<tr>
<td>CIT 115</td>
<td>33</td>
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<td>84.85%</td>
</tr>
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<td>CIT 210</td>
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</tr>
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<td>6</td>
<td>6</td>
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<tr>
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<td>100.00%</td>
</tr>
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<td>24</td>
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<td>94.68%</td>
<td>94.68%</td>
</tr>
<tr>
<td>CIT 280</td>
<td>10</td>
<td>9</td>
<td>9</td>
<td>100.00%</td>
<td>86.00%</td>
</tr>
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<td>CIT 293</td>
<td>6</td>
<td>6</td>
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<td>86.00%</td>
</tr>
<tr>
<td><strong>TOTAL:</strong></td>
<td><strong>188</strong></td>
<td><strong>169</strong></td>
<td><strong>163</strong></td>
<td><strong>96.69%</strong></td>
<td><strong>86.84%</strong></td>
</tr>
</tbody>
</table>

Note: CIT 121 and 122 were removed as they were not offered in spring.
Learning Outcome C: mastery in security awareness and network threats enabling graduates to critically analyze and react to new developments in their field

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 101</td>
<td>60</td>
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<td>82.92%</td>
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<td>81.48%</td>
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<tr>
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<td>13</td>
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<td>66.67%</td>
</tr>
<tr>
<td>CIT 222</td>
<td>5</td>
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<td>100.00%</td>
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</tr>
<tr>
<td>CIT 279</td>
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<td>94.68%</td>
</tr>
<tr>
<td>CIT 280</td>
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<td>9</td>
<td>9</td>
<td>100.00%</td>
<td>94.68%</td>
</tr>
<tr>
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<td>86.00%</td>
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<tr>
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<td>140</td>
<td>135</td>
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</tbody>
</table>

Note: CIT 121 and 122 were removed as they were not offered in spring.

Learning Outcome D: the utilization of mathematics to collect, analyze and interpret technical data collected through investigation and experimentation

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 101</td>
<td>60</td>
<td>51</td>
<td>50</td>
<td>98.03%</td>
<td>82.92%</td>
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<tr>
<td>CIT 112</td>
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<td>100.00%</td>
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<tr>
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<td>100.00%</td>
</tr>
<tr>
<td>CIT 150</td>
<td>15</td>
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<td>100.00%</td>
<td>97.44%</td>
</tr>
<tr>
<td>CIT 210</td>
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</tr>
<tr>
<td>CIT 221</td>
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<td>6</td>
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<td>66.67%</td>
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</tr>
<tr>
<td>CIT 222</td>
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<td>5</td>
<td>5</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>CIT 293</td>
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</table>

Note: CIT 121 and 122 were removed as they were not offered in spring.

Learning Outcome E: an application of computer networks and firewalls to gain hands-on experience

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 101</td>
<td>60</td>
<td>51</td>
<td>50</td>
<td>98.03%</td>
<td>82.92%</td>
</tr>
<tr>
<td>CIT 170</td>
<td>27</td>
<td>27</td>
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<td>95.65%</td>
<td>81.48%</td>
</tr>
<tr>
<td>CIT 210</td>
<td>13</td>
<td>13</td>
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<tr>
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<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>CIT 279</td>
<td>28</td>
<td>24</td>
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<td>94.68%</td>
</tr>
</tbody>
</table>
Note: CIT 121 and 122 were removed as they were not offered in spring.

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
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<th>Overall Student Success</th>
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<tbody>
<tr>
<td>AASINSS</td>
<td>156</td>
<td>140</td>
<td>132</td>
<td>94.78%</td>
<td>85.15%</td>
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</tbody>
</table>

2012-08-16: faculty reviewed data and responded that the program is doing well; the student success and retention is doing well. Recommendation to focus on advertising and recruitment efforts; including the expansion of the lab at Barksdale classrooms for airman. Expected expansion will occur during spring 2013 and we will do another program push for advertising.
Results of Learning Outcomes for Program goals  
These mappings are found on the master syllabi for each course- stating which courses map to each program.

## Associate of Applied Science in Information Network Specialist  
Spring 2012

Learning Outcome A: clarity in verbal and written communication to accurately convey technical information and to critically read and interpret technical literature;

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 101</td>
<td>60</td>
<td>51</td>
<td>50</td>
<td>98.03%</td>
<td>82.92%</td>
</tr>
<tr>
<td>CIT 209</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>80.00%</td>
<td>80.00%</td>
</tr>
<tr>
<td>CIT 210</td>
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<td>13</td>
<td>13</td>
<td>97.44%</td>
<td>97.44%</td>
</tr>
<tr>
<td>CIT 279</td>
<td>28</td>
<td>24</td>
<td>22</td>
<td>94.68%</td>
<td>94.68%</td>
</tr>
<tr>
<td>CIT 292</td>
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<td>2</td>
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<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>TOTAL:</td>
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<td>94</td>
<td>92</td>
<td>97.26%</td>
<td>84.88%</td>
</tr>
</tbody>
</table>

Note: CIT 121 and 122 were removed as they were not offered in spring.

Learning Outcome B: the ability to critically analyze computer network installation, maintenance, management and enhancement;

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 101</td>
<td>60</td>
<td>51</td>
<td>50</td>
<td>98.03%</td>
<td>82.92%</td>
</tr>
<tr>
<td>CIT 170</td>
<td>27</td>
<td>27</td>
<td>27</td>
<td>95.65%</td>
<td>81.48%</td>
</tr>
<tr>
<td>CIT 210</td>
<td>13</td>
<td>13</td>
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<td>97.44%</td>
<td>97.44%</td>
</tr>
<tr>
<td>CIT 221</td>
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<td>66.67%</td>
</tr>
<tr>
<td>CIT 222</td>
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<td>5</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
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<td>94.68%</td>
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<td>CIT 292</td>
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<td>2</td>
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</tr>
<tr>
<td>TOTAL:</td>
<td>141</td>
<td>127</td>
<td>123</td>
<td>96.40%</td>
<td>87.00%</td>
</tr>
</tbody>
</table>

Learning Outcome C: working knowledge in local area networks, wide area networks, servers and other end-user devices enabling graduates to critically analyze and react to new developments in their field;

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
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<tbody>
<tr>
<td>CIT 101</td>
<td>60</td>
<td>51</td>
<td>50</td>
<td>98.03%</td>
<td>82.92%</td>
</tr>
</tbody>
</table>
Learning Outcome D: the utilization of mathematics to collect, analyze and interpret technical data collected through investigation and experimentation;

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
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</thead>
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<td>51</td>
<td>50</td>
<td>98.03%</td>
<td>82.92%</td>
</tr>
<tr>
<td>CIT 112</td>
<td>18</td>
<td>16</td>
<td>9</td>
<td>53.75%</td>
<td>47.78%</td>
</tr>
<tr>
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<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
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<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>CIT 210</td>
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<td>13</td>
<td>13</td>
<td>97.44%</td>
<td>97.44%</td>
</tr>
<tr>
<td>CIT 221</td>
<td>6</td>
<td>6</td>
<td>4</td>
<td>66.67%</td>
<td>66.67%</td>
</tr>
<tr>
<td>CIT 222</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>CIT 292</td>
<td>2</td>
<td>2</td>
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</tr>
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<td>TOTAL:</td>
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<td>117</td>
<td>106</td>
<td>90.81%</td>
<td>82.83%</td>
</tr>
</tbody>
</table>

Learning Outcome E: an application of software responsibilities for managing software, security, and user accounts to gain hands-on experience.

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
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<td>CIT 150</td>
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</tr>
<tr>
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<td>27</td>
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<td>95.65%</td>
<td>81.48%</td>
</tr>
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<td>CIT 209</td>
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<td>5</td>
<td>80.00%</td>
<td>80.00%</td>
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<tr>
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<td>97.44%</td>
<td>97.44%</td>
</tr>
<tr>
<td>CIT 221</td>
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</tr>
<tr>
<td>CIT 222</td>
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<td>100.00%</td>
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<tr>
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<td>24</td>
<td>22</td>
<td>94.68%</td>
<td>94.68%</td>
</tr>
<tr>
<td>CIT 292</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>161</td>
<td>147</td>
<td>143</td>
<td>96.89%</td>
<td>88.61%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>AASINS</td>
<td>130</td>
<td>118</td>
<td>113</td>
<td>95.62%</td>
<td>86.55%</td>
</tr>
</tbody>
</table>
2012-08-16: faculty reviewed data and responded that the program is doing well; the student evaluated success is improved from last year. Faculty mentioned the need for improved recruiting with the velcro board and working on a Board of Regents grant to try and have full time support at the Barksdale office.
Results of Learning Outcomes for Program goals
These mappings are found on the master syllabi for each course - stating which courses map to each program.

Associate of Applied Science in Information Programmer Analyst
Spring 2012

Learning Outcome A: clarity in verbal and written communication to accurately convey technical information and to critically read and interpret technical literature;

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 113</td>
<td>30</td>
<td>27</td>
<td>26</td>
<td>96.30%</td>
<td>86.67%</td>
</tr>
<tr>
<td>CIS 213</td>
<td>10</td>
<td>8</td>
<td>8</td>
<td>100.00%</td>
<td>80.00%</td>
</tr>
<tr>
<td>CIT 150</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>CIT 151</td>
<td>7</td>
<td>7</td>
<td>7</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>CIT 230</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>CIT 282</td>
<td>9</td>
<td>9</td>
<td>9</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>81</td>
<td>76</td>
<td>75</td>
<td>98.68%</td>
<td>92.59%</td>
</tr>
</tbody>
</table>

Note that CIT 160, 243, and 250 were not taught this semester.

Learning Outcome B: the ability to critically analyze the use of mainframe computers in conjunction with web and server applications;

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 113</td>
<td>30</td>
<td>27</td>
<td>26</td>
<td>96.30%</td>
<td>86.67%</td>
</tr>
<tr>
<td>CIS 213</td>
<td>10</td>
<td>8</td>
<td>8</td>
<td>100.00%</td>
<td>80.00%</td>
</tr>
<tr>
<td>CIT 230</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>50</td>
<td>45</td>
<td>44</td>
<td>97.78%</td>
<td>88.00%</td>
</tr>
</tbody>
</table>

Note that CIT 160 was not taught this semester.

Learning Outcome C: working knowledge by learning relevant computer languages to enabling graduates to critically analyze and react to new developments in their field;

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 113</td>
<td>30</td>
<td>27</td>
<td>26</td>
<td>96.30%</td>
<td>86.67%</td>
</tr>
<tr>
<td>CIS 213</td>
<td>10</td>
<td>8</td>
<td>8</td>
<td>100.00%</td>
<td>80.00%</td>
</tr>
<tr>
<td>CIT 130</td>
<td>40</td>
<td>29</td>
<td>28</td>
<td>93.75%</td>
<td>68.75%</td>
</tr>
</tbody>
</table>
Learning Outcome D: the utilization of mathematics to collect, analyze and interpret technical data collected through investigation and experimentation

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 113</td>
<td>30</td>
<td>27</td>
<td>26</td>
<td>96.30%</td>
<td>86.67%</td>
</tr>
<tr>
<td>CIS 213</td>
<td>10</td>
<td>8</td>
<td>8</td>
<td>100.00%</td>
<td>80.00%</td>
</tr>
<tr>
<td>CIT 150</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>CIT 151</td>
<td>7</td>
<td>7</td>
<td>7</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>CIT 230</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>72</td>
<td>67</td>
<td>66</td>
<td>98.51%</td>
<td>91.67%</td>
</tr>
</tbody>
</table>

Note that CIT 160 and 250 were not taught this semester.

Learning Outcome E: an application of computer web server and programming applications to gain hands-on experience.

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 130</td>
<td>40</td>
<td>29</td>
<td>28</td>
<td>93.75%</td>
<td>68.75%</td>
</tr>
<tr>
<td>CIT 282</td>
<td>9</td>
<td>9</td>
<td>9</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>CIT 230</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>19</td>
<td>19</td>
<td>19</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
</tbody>
</table>

Note that CIT 160 and 169 was not taught this semester.

2012-08-16: faculty reviewed data and noted the increased student enrollment in programming related courses. The new approach in spring of pairing the intro and advanced classes in B and C term matches seemed to be a success and will be continued. Increased recruiting will continue.
Results of Learning Outcomes for Program goals
These mappings are found on the master syllabi for each course- stating which courses map to each program.

Associate of Applied Science in Information Systems Administration Specialist
Spring 2012

Learning Outcome A: clarity in verbal and written communication to accurately convey technical information and to critically read and interpret technical literature

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 101</td>
<td>60</td>
<td>51</td>
<td>50</td>
<td>98.03%</td>
<td>82.92%</td>
</tr>
<tr>
<td>CIT 120</td>
<td>9</td>
<td>9</td>
<td>9</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>CIT 130</td>
<td>40</td>
<td>29</td>
<td>28</td>
<td>93.75%</td>
<td>68.75%</td>
</tr>
<tr>
<td>CIT 279</td>
<td>28</td>
<td>24</td>
<td>22</td>
<td>94.68%</td>
<td>94.68%</td>
</tr>
<tr>
<td>CIT 282</td>
<td>9</td>
<td>9</td>
<td>9</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>146</td>
<td>122</td>
<td>118</td>
<td>96.64%</td>
<td>80.48%</td>
</tr>
</tbody>
</table>

Note that CIT 291 was not taught this semester.

Learning Outcome B: the ability to critically analyze and solve real world client and server system issues;

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 102</td>
<td>41</td>
<td>38</td>
<td>36</td>
<td>96.03%</td>
<td>88.41%</td>
</tr>
<tr>
<td>CIS 113</td>
<td>30</td>
<td>27</td>
<td>26</td>
<td>96.30%</td>
<td>86.67%</td>
</tr>
<tr>
<td>CIT 101</td>
<td>60</td>
<td>51</td>
<td>50</td>
<td>98.03%</td>
<td>82.92%</td>
</tr>
<tr>
<td>CIT 115</td>
<td>33</td>
<td>29</td>
<td>28</td>
<td>96.55%</td>
<td>84.85%</td>
</tr>
<tr>
<td>CIT 120</td>
<td>9</td>
<td>9</td>
<td>9</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>CIT 130</td>
<td>40</td>
<td>29</td>
<td>28</td>
<td>93.75%</td>
<td>68.75%</td>
</tr>
<tr>
<td>CIT 150</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>CIT 151</td>
<td>7</td>
<td>7</td>
<td>7</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>CIT 170</td>
<td>27</td>
<td>27</td>
<td>27</td>
<td>95.65%</td>
<td>81.48%</td>
</tr>
<tr>
<td>CIT 172</td>
<td>24</td>
<td>24</td>
<td>24</td>
<td>98.48%</td>
<td>90.28%</td>
</tr>
<tr>
<td>CIT 282</td>
<td>9</td>
<td>9</td>
<td>9</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>164</td>
<td>149</td>
<td>147</td>
<td>98.10%</td>
<td>89.33%</td>
</tr>
</tbody>
</table>

Note that CIT 291 was not taught this semester.
Learning Outcome C: working knowledge in multiple operating system environments enabling graduates to critically analyze and react to new developments in their field;

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 115</td>
<td>33</td>
<td>29</td>
<td>28</td>
<td>96.55%</td>
<td>84.85%</td>
</tr>
<tr>
<td>CIT 170</td>
<td>27</td>
<td>27</td>
<td>27</td>
<td>95.65%</td>
<td>81.48%</td>
</tr>
<tr>
<td>CIT 172</td>
<td>24</td>
<td>24</td>
<td>24</td>
<td>98.48%</td>
<td>90.28%</td>
</tr>
<tr>
<td>CIT 279</td>
<td>28</td>
<td>24</td>
<td>22</td>
<td>94.68%</td>
<td>94.68%</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>60</td>
<td>56</td>
<td>55</td>
<td>98.21%</td>
<td>91.67%</td>
</tr>
</tbody>
</table>

Note that CIT 291 was not taught this semester.

Learning Outcome D: the utilization of mathematics to collect, analyze and interpret technical data collected through security investigation and experimentation; and

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 102</td>
<td>41</td>
<td>38</td>
<td>36</td>
<td>96.03%</td>
<td>88.41%</td>
</tr>
<tr>
<td>CIT 101</td>
<td>60</td>
<td>51</td>
<td>50</td>
<td>98.03%</td>
<td>82.92%</td>
</tr>
<tr>
<td>CIT 115</td>
<td>33</td>
<td>29</td>
<td>28</td>
<td>96.55%</td>
<td>84.85%</td>
</tr>
<tr>
<td>CIT 120</td>
<td>9</td>
<td>9</td>
<td>9</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>CIT 282</td>
<td>9</td>
<td>9</td>
<td>9</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>51</td>
<td>47</td>
<td>46</td>
<td>97.87%</td>
<td>90.20%</td>
</tr>
</tbody>
</table>

Note that CIT 121 was not taught this semester.

Learning Outcome E: an application of networking and systems integration to gain hands-on experience

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 101</td>
<td>60</td>
<td>51</td>
<td>50</td>
<td>98.03%</td>
<td>82.92%</td>
</tr>
<tr>
<td>CIT 115</td>
<td>33</td>
<td>29</td>
<td>28</td>
<td>96.55%</td>
<td>84.85%</td>
</tr>
<tr>
<td>CIT 120</td>
<td>9</td>
<td>9</td>
<td>9</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>CIT 279</td>
<td>28</td>
<td>24</td>
<td>22</td>
<td>94.68%</td>
<td>94.68%</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>130</td>
<td>112</td>
<td>109</td>
<td>97.10%</td>
<td>83.85%</td>
</tr>
</tbody>
</table>

Note that CIT 121 and 291 were not taught this semester.

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>AASISAS</td>
<td>110</td>
<td>97</td>
<td>95</td>
<td>97.50%</td>
<td>86.03%</td>
</tr>
</tbody>
</table>
2012-08-16: faculty reviewed data and noted the student success is very high. The addition of more hands-on activities have been a great encouragement to students. Also, the approved Tech Fee proposal this semester, completed by Tom Hopkins, provided the needed equipment for the hands-on projects. Due to low enrollment, we will still pursue recruiting in this area.
Results of Learning Outcomes for Program goals
These mappings are found on the master syllabi for each course- stating which courses map to each program.

## Associate of Applied Science in Web Analyst Programmer
### Spring 2012

**Learning Outcome A:** clarity in verbal and written communication to accurately convey technical information and to critically read and interpret technical literature;

**Summative Assessment:** Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluate d</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 130</td>
<td>40</td>
<td>29</td>
<td>28</td>
<td>93.75%</td>
<td>68.75%</td>
</tr>
<tr>
<td>CIT 230</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>50</td>
<td>39</td>
<td>38</td>
<td>95.34%</td>
<td>75.00%</td>
</tr>
</tbody>
</table>

Note that CIT 159, 235, 250 and 294 were not taught this semester.

**Learning Outcome B:** the ability to critically analyze and solve real world user interaction;

**Summative Assessment:** Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluate d</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 130</td>
<td>40</td>
<td>29</td>
<td>28</td>
<td>93.75%</td>
<td>68.75%</td>
</tr>
<tr>
<td>CIT 230</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>50</td>
<td>39</td>
<td>38</td>
<td>95.34%</td>
<td>75.00%</td>
</tr>
</tbody>
</table>

Note that CIT 159, 235, 250 and 294 were not taught this semester.

**Learning Outcome C:** working knowledge in learning relevant computer languages enabling graduates to critically analyze and react to new developments in their field;

**Summative Assessment:** Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluate d</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 113</td>
<td>30</td>
<td>27</td>
<td>26</td>
<td>96.30%</td>
<td>86.67%</td>
</tr>
<tr>
<td>CIT 130</td>
<td>40</td>
<td>29</td>
<td>28</td>
<td>93.75%</td>
<td>68.75%</td>
</tr>
<tr>
<td>CIT 150</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>CIT 151</td>
<td>7</td>
<td>7</td>
<td>7</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>CIT 230</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>102</td>
<td>88</td>
<td>86</td>
<td>96.79%</td>
<td>83.82%</td>
</tr>
</tbody>
</table>

Note that CIT 235, 250 and 294 were not taught this semester.
Learning Outcome D: the utilization of mathematics to collect, analyze and interpret technical data collected through security investigation and experimentation

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 113</td>
<td>30</td>
<td>27</td>
<td>26</td>
<td>96.30%</td>
<td>86.67%</td>
</tr>
<tr>
<td>CIT 130</td>
<td>40</td>
<td>29</td>
<td>28</td>
<td>93.75%</td>
<td>68.75%</td>
</tr>
<tr>
<td>CIT 150</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>CIT 151</td>
<td>7</td>
<td>7</td>
<td>7</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>CIT 230</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>102</td>
<td>88</td>
<td>86</td>
<td>96.79%</td>
<td>83.82%</td>
</tr>
</tbody>
</table>

Note that CIT 235, 250 and 294 were not taught this semester.

Learning Outcome E: an application of web and computer programming applications to gain hands-on experience.

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 113</td>
<td>30</td>
<td>27</td>
<td>26</td>
<td>96.30%</td>
<td>86.67%</td>
</tr>
<tr>
<td>CIT 130</td>
<td>40</td>
<td>29</td>
<td>28</td>
<td>93.75%</td>
<td>68.75%</td>
</tr>
<tr>
<td>CIT 150</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>CIT 151</td>
<td>7</td>
<td>7</td>
<td>7</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>92</td>
<td>78</td>
<td>76</td>
<td>96.38%</td>
<td>82.07%</td>
</tr>
</tbody>
</table>

Note that CIT 159, 235 and 294 were not taught this semester.

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>AASIWAP</td>
<td>79.2</td>
<td>67</td>
<td>64</td>
<td>96.35%</td>
<td>81.19%</td>
</tr>
</tbody>
</table>

2012-08-16: faculty reviewed data and noted that the students were excited about free adobe certifications from the Testing Center Board of Regents grant. For a first certification, the students did okay and we will work to embed more certifications in the program. Due to low enrollment, we will strongly advertise for this program.
Summary Course Learning Outcomes for Fall 2012

Summary of Semester - Fall 2012

Program and Course Learning Outcomes

Associate of Applied Science in Information Network Security Specialist - Fall 2012

Learning Outcome A: clarity in verbal and written communication to accurately convey technical information and to critically read and interpret technical literature

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 101</td>
<td>77</td>
<td>65</td>
<td>65</td>
<td>99.62%</td>
<td>84.42%</td>
</tr>
<tr>
<td>CIT 112</td>
<td>20</td>
<td>20</td>
<td>19</td>
<td>95.00%</td>
<td>95.00%</td>
</tr>
<tr>
<td>CIT 115</td>
<td>22</td>
<td>16</td>
<td>15</td>
<td>93.75%</td>
<td>68.18%</td>
</tr>
<tr>
<td>CIT 120</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>CIT 121</td>
<td>11</td>
<td>11</td>
<td>9</td>
<td>84.85%</td>
<td>84.85%</td>
</tr>
<tr>
<td>CIT 122</td>
<td>5</td>
<td>5</td>
<td>4</td>
<td>92.86%</td>
<td>86.67%</td>
</tr>
<tr>
<td>CIT 130</td>
<td>55</td>
<td>37</td>
<td>32</td>
<td>85.91%</td>
<td>57.27%</td>
</tr>
<tr>
<td>CIT 150</td>
<td>33</td>
<td>31</td>
<td>31</td>
<td>100.00%</td>
<td>93.94%</td>
</tr>
<tr>
<td>CIT 170</td>
<td>15</td>
<td>10</td>
<td>10</td>
<td>98.04%</td>
<td>66.67%</td>
</tr>
<tr>
<td>CIT 210</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>CIT 279</td>
<td>32</td>
<td>25</td>
<td>22</td>
<td>89.80%</td>
<td>68.75%</td>
</tr>
<tr>
<td>CIT 293</td>
<td>7</td>
<td>6</td>
<td>6</td>
<td>1</td>
<td>85.71%</td>
</tr>
</tbody>
</table>

TOTAL: 287 235 223 94.85% 77.76%

(Classes in Learning Outcome A not offered this semester: CIT 120)

Learning Outcome B: the ability to critically analyze and solve real world security issues understanding the legal and ethical concerns

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 101</td>
<td>77</td>
<td>65</td>
<td>65</td>
<td>99.62%</td>
<td>84.42%</td>
</tr>
<tr>
<td>CIT 115</td>
<td>22</td>
<td>16</td>
<td>15</td>
<td>93.75%</td>
<td>68.18%</td>
</tr>
<tr>
<td>CIT 120</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>CIT 121</td>
<td>11</td>
<td>11</td>
<td>9</td>
<td>84.85%</td>
<td>84.85%</td>
</tr>
<tr>
<td>CIT 122</td>
<td>5</td>
<td>5</td>
<td>4</td>
<td>92.86%</td>
<td>86.67%</td>
</tr>
<tr>
<td>CIT 130</td>
<td>55</td>
<td>37</td>
<td>32</td>
<td>85.91%</td>
<td>57.27%</td>
</tr>
<tr>
<td>CIT 170</td>
<td>15</td>
<td>10</td>
<td>10</td>
<td>98.04%</td>
<td>66.67%</td>
</tr>
<tr>
<td>CIT 210</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
</tbody>
</table>
Learning Outcome C: mastery in security awareness and network threats enabling graduates to critically analyze and react to new developments in their field

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 101</td>
<td>77</td>
<td>65</td>
<td>65</td>
<td>99.62%</td>
<td>84.42%</td>
</tr>
<tr>
<td>CIT 115</td>
<td>22</td>
<td>16</td>
<td>15</td>
<td>93.75%</td>
<td>68.18%</td>
</tr>
<tr>
<td>CIT 120</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>CIT 121</td>
<td>11</td>
<td>11</td>
<td>9</td>
<td>84.85%</td>
<td>84.85%</td>
</tr>
<tr>
<td>CIT 122</td>
<td>5</td>
<td>5</td>
<td>4</td>
<td>92.86%</td>
<td>86.67%</td>
</tr>
<tr>
<td>CIT 170</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>98.04%</td>
<td>66.67%</td>
</tr>
<tr>
<td>CIT 210</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>CIT 279</td>
<td>32</td>
<td>25</td>
<td>22</td>
<td>89.80%</td>
<td>68.75%</td>
</tr>
<tr>
<td>CIT 280</td>
<td>16</td>
<td>15</td>
<td>15</td>
<td>100.00%</td>
<td>87.50%</td>
</tr>
<tr>
<td>CIT 293</td>
<td>7</td>
<td>6</td>
<td>6</td>
<td>100.00%</td>
<td>85.71%</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>195</td>
<td>167</td>
<td>161</td>
<td>96.70%</td>
<td>82.78%</td>
</tr>
</tbody>
</table>

(Classes in Learning Outcome C not offered this semester: CIT 120)

Learning Outcome D: the utilization of mathematics to collect, analyze and interpret technical data collected through investigation and experimentation

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 101</td>
<td>77</td>
<td>65</td>
<td>65</td>
<td>99.62%</td>
<td>84.42%</td>
</tr>
<tr>
<td>CIT 115</td>
<td>22</td>
<td>16</td>
<td>15</td>
<td>93.75%</td>
<td>68.18%</td>
</tr>
<tr>
<td>CIT 120</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>CIT 121</td>
<td>11</td>
<td>11</td>
<td>9</td>
<td>84.85%</td>
<td>84.85%</td>
</tr>
<tr>
<td>CIT 122</td>
<td>5</td>
<td>5</td>
<td>4</td>
<td>92.86%</td>
<td>86.67%</td>
</tr>
<tr>
<td>CIT 210</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>CIT 293</td>
<td>7</td>
<td>6</td>
<td>6</td>
<td>100.00%</td>
<td>85.71%</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>132</td>
<td>113</td>
<td>110</td>
<td>97.12%</td>
<td>83.08%</td>
</tr>
</tbody>
</table>

(Classes in Learning Outcome D not offered this semester: CIT 120)

Learning Outcome E: an application of computer networks and firewalls to gain hands-on experience

Summative Assessment: Average results from all learning outcomes in the courses listed below
<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 101</td>
<td>77</td>
<td>65</td>
<td>65</td>
<td>99.62%</td>
<td>84.42%</td>
</tr>
<tr>
<td>CIT 115</td>
<td>22</td>
<td>16</td>
<td>15</td>
<td>93.75%</td>
<td>68.18%</td>
</tr>
<tr>
<td>CIT 120</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>CIT 121</td>
<td>11</td>
<td>11</td>
<td>9</td>
<td>84.85%</td>
<td>84.85%</td>
</tr>
<tr>
<td>CIT 122</td>
<td>5</td>
<td>5</td>
<td>4</td>
<td>92.86%</td>
<td>86.67%</td>
</tr>
<tr>
<td>CIT 170</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>98.04%</td>
<td>66.67%</td>
</tr>
<tr>
<td>CIT 210</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>CIT 279</td>
<td>32</td>
<td>25</td>
<td>22</td>
<td>89.80%</td>
<td>68.75%</td>
</tr>
<tr>
<td>CIT 280</td>
<td>16</td>
<td>15</td>
<td>15</td>
<td>100.00%</td>
<td>87.50%</td>
</tr>
<tr>
<td>CIT 293</td>
<td>7</td>
<td>6</td>
<td>6</td>
<td>100.00%</td>
<td>85.71%</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>195</td>
<td>167</td>
<td>161</td>
<td>96.70%</td>
<td>82.78%</td>
</tr>
</tbody>
</table>

(Classes in Learning Outcome E not offered this semester: CIT 120)

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>AASINSS</td>
<td>212</td>
<td>176</td>
<td>169</td>
<td>95.77%</td>
<td>79.66%</td>
</tr>
</tbody>
</table>

Faculty response from:

Hopkins: 1) The overall success rate is mainly attributed to retension (CIT101). The inability to suspend students meant we had to keep them on the class roles even though they stopped coming to class and failed to take the final. Reimplement the drop/ withdraw policy. 2) We need a better method of retrieving the Cert test results in a timely manner so we can add the score to the student's grades.

Rondeau: Numbers for this fall were skewed as we were unable to suspend students in the new LOLA system.
# Associate of Applied Science in Information Network Specialist - Fall 2012

Learning Outcome A: clarity in verbal and written communication to accurately convey technical information and to critically read and interpret technical literature;

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 101</td>
<td>77</td>
<td>65</td>
<td>65</td>
<td>99.62%</td>
<td>84.42%</td>
</tr>
<tr>
<td>CIT 115</td>
<td>22</td>
<td>16</td>
<td>15</td>
<td>93.75%</td>
<td>68.18%</td>
</tr>
<tr>
<td>CIT 120</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>CIT 121</td>
<td>11</td>
<td>11</td>
<td>9</td>
<td>84.85%</td>
<td>84.85%</td>
</tr>
<tr>
<td>CIT 122</td>
<td>5</td>
<td>5</td>
<td>4</td>
<td>92.86%</td>
<td>86.67%</td>
</tr>
<tr>
<td>CIT 170</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>98.04%</td>
<td>66.67%</td>
</tr>
<tr>
<td>CIT 210</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>CIT 279</td>
<td>32</td>
<td>25</td>
<td>22</td>
<td>89.80%</td>
<td>68.75%</td>
</tr>
<tr>
<td>CIT 292</td>
<td>3</td>
<td>2</td>
<td>2</td>
<td>100.00%</td>
<td>66.67%</td>
</tr>
<tr>
<td><strong>TOTAL:</strong></td>
<td>175</td>
<td>148</td>
<td>143</td>
<td>96.13%</td>
<td>81.52%</td>
</tr>
</tbody>
</table>

(Classes in Learning Outcome A not offered this semester: CIT 120)

Learning Outcome B: the ability to critically analyze computer network installation, maintenance, management and enhancement;

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 101</td>
<td>77</td>
<td>65</td>
<td>65</td>
<td>99.62%</td>
<td>84.42%</td>
</tr>
<tr>
<td>CIT 115</td>
<td>22</td>
<td>16</td>
<td>15</td>
<td>93.75%</td>
<td>68.18%</td>
</tr>
<tr>
<td>CIT 120</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>CIT 121</td>
<td>11</td>
<td>11</td>
<td>9</td>
<td>84.85%</td>
<td>84.85%</td>
</tr>
<tr>
<td>CIT 122</td>
<td>5</td>
<td>5</td>
<td>4</td>
<td>92.86%</td>
<td>86.67%</td>
</tr>
<tr>
<td>CIT 130</td>
<td>55</td>
<td>37</td>
<td>32</td>
<td>85.91%</td>
<td>57.27%</td>
</tr>
<tr>
<td>CIT 170</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>98.04%</td>
<td>66.67%</td>
</tr>
<tr>
<td>CIT 210</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>CIT 279</td>
<td>32</td>
<td>25</td>
<td>22</td>
<td>89.80%</td>
<td>68.75%</td>
</tr>
<tr>
<td>CIT 292</td>
<td>3</td>
<td>2</td>
<td>2</td>
<td>100.00%</td>
<td>66.67%</td>
</tr>
<tr>
<td><strong>TOTAL:</strong></td>
<td>230</td>
<td>185</td>
<td>174</td>
<td>94.10%</td>
<td>75.72%</td>
</tr>
</tbody>
</table>

(Classes in Learning Outcome B not offered this semester: CIT 120)

Learning Outcome C: working knowledge in local area networks, wide area networks, servers and other end-user devices enabling graduates to critically analyze and react to new developments in their field;

Summative Assessment: Average results from all learning outcomes in the courses listed below
<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 101</td>
<td>77</td>
<td>65</td>
<td>65</td>
<td>99.62%</td>
<td>84.42%</td>
</tr>
<tr>
<td>CIT 115</td>
<td>22</td>
<td>16</td>
<td>15</td>
<td>93.75%</td>
<td>68.18%</td>
</tr>
<tr>
<td>CIT 120</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>CIT 121</td>
<td>11</td>
<td>11</td>
<td>9</td>
<td>84.85%</td>
<td>84.85%</td>
</tr>
<tr>
<td>CIT 122</td>
<td>5</td>
<td>5</td>
<td>4</td>
<td>92.86%</td>
<td>86.67%</td>
</tr>
<tr>
<td>CIT 170</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>98.04%</td>
<td>66.67%</td>
</tr>
<tr>
<td>CIT 210</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>CIT 292</td>
<td>3</td>
<td>2</td>
<td>2</td>
<td>100.00%</td>
<td>66.67%</td>
</tr>
<tr>
<td><strong>TOTAL:</strong></td>
<td><strong>143</strong></td>
<td><strong>124</strong></td>
<td><strong>121</strong></td>
<td><strong>97.38%</strong></td>
<td><strong>84.38%</strong></td>
</tr>
</tbody>
</table>

(Classes in Learning Outcome C not offered this semester: CIT 120)

**Learning Outcome D:** the utilization of mathematics to collect, analyze and interpret technical data collected through investigation and experimentation;

**Summative Assessment:** Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 101</td>
<td>77</td>
<td>65</td>
<td>65</td>
<td>99.62%</td>
<td>84.42%</td>
</tr>
<tr>
<td>CIT 115</td>
<td>22</td>
<td>16</td>
<td>15</td>
<td>93.75%</td>
<td>68.18%</td>
</tr>
<tr>
<td>CIT 120</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>CIT 121</td>
<td>11</td>
<td>11</td>
<td>9</td>
<td>84.85%</td>
<td>84.85%</td>
</tr>
<tr>
<td>CIT 122</td>
<td>5</td>
<td>5</td>
<td>4</td>
<td>92.86%</td>
<td>86.67%</td>
</tr>
<tr>
<td>CIT 210</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>CIT 292</td>
<td>3</td>
<td>2</td>
<td>2</td>
<td>100.00%</td>
<td>66.67%</td>
</tr>
<tr>
<td><strong>TOTAL:</strong></td>
<td><strong>128</strong></td>
<td><strong>109</strong></td>
<td><strong>106</strong></td>
<td><strong>97.02%</strong></td>
<td><strong>82.55%</strong></td>
</tr>
</tbody>
</table>

(Classes in Learning Outcome D not offered this semester: CIT 120)

**Learning Outcome E:** an application of software responsibilities for managing software, security, and user accounts to gain hands-on experience.

**Summative Assessment:** Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 101</td>
<td>77</td>
<td>65</td>
<td>65</td>
<td>99.62%</td>
<td>84.42%</td>
</tr>
<tr>
<td>CIT 115</td>
<td>22</td>
<td>16</td>
<td>15</td>
<td>93.75%</td>
<td>68.18%</td>
</tr>
<tr>
<td>CIT 120</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>CIT 121</td>
<td>11</td>
<td>11</td>
<td>9</td>
<td>84.85%</td>
<td>84.85%</td>
</tr>
<tr>
<td>CIT 150</td>
<td>33</td>
<td>31</td>
<td>31</td>
<td>100.00%</td>
<td>93.94%</td>
</tr>
<tr>
<td>CIT 170</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>98.04%</td>
<td>66.67%</td>
</tr>
<tr>
<td>CIT 210</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>CIT 279</td>
<td>32</td>
<td>25</td>
<td>22</td>
<td>89.80%</td>
<td>68.75%</td>
</tr>
<tr>
<td>CIT 292</td>
<td>3</td>
<td>2</td>
<td>2</td>
<td>100.00%</td>
<td>66.67%</td>
</tr>
<tr>
<td><strong>TOTAL:</strong></td>
<td><strong>203</strong></td>
<td><strong>175</strong></td>
<td><strong>169</strong></td>
<td><strong>96.90%</strong></td>
<td><strong>83.42%</strong></td>
</tr>
</tbody>
</table>
Classes in Learning Outcome E not offered this semester: CIT 120

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>AASINS</td>
<td>176</td>
<td>148</td>
<td>143</td>
<td>96.14%</td>
<td>81.06%</td>
</tr>
</tbody>
</table>

Faculty response from:
Hopkins: 1) The overall success rate is mainly attributed to retenion (CIT101). The inability to suspend students meant we had to keep them on the class roles even though they stopped coming to class and failed to take the final. Reinstall the drop/withdraw policy. 2) We need a better method of retrieving the Cert test results in a timely manner so we can add the score to the student's grades.
Rondeau: Numbers for this fall were skewed as we were unable to suspend students in the new LOLA system.
Learning Outcome A: clarity in verbal and written communication to accurately convey technical information and to critically read and interpret technical literature;

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 115</td>
<td>22</td>
<td>16</td>
<td>15</td>
<td>93.75%</td>
<td>68.18%</td>
</tr>
<tr>
<td>CIT 130</td>
<td>55</td>
<td>37</td>
<td>32</td>
<td>85.91%</td>
<td>57.27%</td>
</tr>
<tr>
<td>CIT 150</td>
<td>33</td>
<td>31</td>
<td>31</td>
<td>100.00%</td>
<td>93.94%</td>
</tr>
<tr>
<td>CIT 160</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>CIT 282</td>
<td>13</td>
<td>10</td>
<td>10</td>
<td>96.67%</td>
<td>74.36%</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>123</td>
<td>94</td>
<td>87</td>
<td>93.06%</td>
<td>70.87%</td>
</tr>
</tbody>
</table>

(Classes in Learning Outcome A not offered this semester: CIT 160)

Learning Outcome B: the ability to critically analyze the use of mainframe computers in conjunction with web and server applications;

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 115</td>
<td>22</td>
<td>16</td>
<td>15</td>
<td>93.75%</td>
<td>68.18%</td>
</tr>
<tr>
<td>CIT 160</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>22</td>
<td>16</td>
<td>15</td>
<td>93.75%</td>
<td>68.18%</td>
</tr>
</tbody>
</table>

(Classes in Learning Outcome B not offered this semester: CIT 160)

Learning Outcome C: working knowledge by learning relevant computer languages to enabling graduates to critically analyze and react to new developments in their field;

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 115</td>
<td>22</td>
<td>16</td>
<td>15</td>
<td>93.75%</td>
<td>68.18%</td>
</tr>
<tr>
<td>CIT 130</td>
<td>55</td>
<td>37</td>
<td>32</td>
<td>85.91%</td>
<td>57.27%</td>
</tr>
<tr>
<td>CIT 150</td>
<td>33</td>
<td>31</td>
<td>31</td>
<td>100.00%</td>
<td>93.94%</td>
</tr>
<tr>
<td>CIT 160</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>110</td>
<td>84</td>
<td>78</td>
<td>92.63%</td>
<td>70.45%</td>
</tr>
</tbody>
</table>

(Classes in Learning Outcome C not offered this semester: CIT 160)

Learning Outcome D: the utilization of mathematics to collect, analyze and interpret technical data collected through investigation and experimentation

Summative Assessment: Average results from all learning outcomes in the courses listed below
<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 115</td>
<td>22</td>
<td>16</td>
<td>15</td>
<td>93.75%</td>
<td>68.18%</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>22</td>
<td>16</td>
<td>15</td>
<td>93.75%</td>
<td>68.18%</td>
</tr>
</tbody>
</table>

(Classes in Learning Outcome D not offered this semester: CIT 160)

Learning Outcome E: an application of computer web server and programming applications to gain hands-on experience.

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 160</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>CIT 282</td>
<td>13</td>
<td>10</td>
<td>10</td>
<td>96.67%</td>
<td>74.36%</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>13</td>
<td>10</td>
<td>10</td>
<td>96.67%</td>
<td>74.36%</td>
</tr>
</tbody>
</table>

(Classes in Learning Outcome E not offered this semester: CIT 160)

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>AASIPA</td>
<td>58</td>
<td>44</td>
<td>41</td>
<td>93.16%</td>
<td>70.46%</td>
</tr>
</tbody>
</table>

Faculty response from:

Rondeau: Numbers for this fall were skewed as we were unable to suspend students in the new LOLA system. Also in the CIT 130 course the text had many errors that hurt the students. Because of this a new text was selected and implemented for Spring of 2013
# Associate of Applied Science in Information Systems Administration Specialist - Fall 2012

**Learning Outcome A:** clarity in verbal and written communication to accurately convey technical information and to critically read and interpret technical literature

**Summative Assessment:** Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 112</td>
<td>20</td>
<td>20</td>
<td>19</td>
<td>95.00%</td>
<td>95.00%</td>
</tr>
<tr>
<td>CIT 115</td>
<td>22</td>
<td>16</td>
<td>15</td>
<td>93.75%</td>
<td>68.18%</td>
</tr>
<tr>
<td>CIT 120</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>CIT 121</td>
<td>11</td>
<td>11</td>
<td>9</td>
<td>84.85%</td>
<td>84.85%</td>
</tr>
<tr>
<td>CIT 130</td>
<td>55</td>
<td>37</td>
<td>32</td>
<td>85.91%</td>
<td>57.27%</td>
</tr>
<tr>
<td>CIT 160</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>CIT 170</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>98.04%</td>
<td>66.67%</td>
</tr>
<tr>
<td>CIT 279</td>
<td>32</td>
<td>25</td>
<td>22</td>
<td>89.80%</td>
<td>68.75%</td>
</tr>
<tr>
<td>CIT 282</td>
<td>13</td>
<td>10</td>
<td>10</td>
<td>96.67%</td>
<td>74.36%</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>168</td>
<td>133</td>
<td>122</td>
<td>91.24%</td>
<td>72.32%</td>
</tr>
</tbody>
</table>

(Classes in Learning Outcome A not offered this semester: CIT 120, CIT 160)

**Learning Outcome B:** the ability to critically analyze and solve real world client and server system issues;

**Summative Assessment:** Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 115</td>
<td>22</td>
<td>16</td>
<td>15</td>
<td>93.75%</td>
<td>68.18%</td>
</tr>
<tr>
<td>CIT 120</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>CIT 121</td>
<td>11</td>
<td>11</td>
<td>9</td>
<td>84.85%</td>
<td>84.85%</td>
</tr>
<tr>
<td>CIT 170</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>98.04%</td>
<td>66.67%</td>
</tr>
<tr>
<td>CIT 282</td>
<td>13</td>
<td>10</td>
<td>10</td>
<td>96.67%</td>
<td>74.36%</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>61</td>
<td>52</td>
<td>49</td>
<td>94.23%</td>
<td>80.33%</td>
</tr>
</tbody>
</table>

**Learning Outcome C:** working knowledge in multiple operating system environments enabling graduates to critically analyze and react to new developments in their field;

**Summative Assessment:** Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 115</td>
<td>22</td>
<td>16</td>
<td>15</td>
<td>93.75%</td>
<td>68.18%</td>
</tr>
<tr>
<td>CIT 170</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>98.04%</td>
<td>66.67%</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>37</td>
<td>31</td>
<td>30</td>
<td>96.77%</td>
<td>81.08%</td>
</tr>
</tbody>
</table>
Learning Outcome D: the utilization of mathematics to collect, analyze and interpret technical data collected through security investigation and experimentation; and

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 115</td>
<td>22</td>
<td>16</td>
<td>15</td>
<td>93.75%</td>
<td>68.18%</td>
</tr>
<tr>
<td>CIT 120</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>CIT 121</td>
<td>11</td>
<td>11</td>
<td>9</td>
<td>84.85%</td>
<td>84.85%</td>
</tr>
<tr>
<td>CIT 282</td>
<td>13</td>
<td>10</td>
<td>10</td>
<td>96.67%</td>
<td>74.36%</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>46</td>
<td>37</td>
<td>34</td>
<td>91.89%</td>
<td>73.91%</td>
</tr>
</tbody>
</table>

Learning Outcome E: an application of networking and systems integration to gain hands-on experience

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 112</td>
<td>20</td>
<td>20</td>
<td>19</td>
<td>95.00%</td>
<td>95.00%</td>
</tr>
<tr>
<td>CIT 115</td>
<td>22</td>
<td>16</td>
<td>15</td>
<td>93.75%</td>
<td>68.18%</td>
</tr>
<tr>
<td>CIT 120</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>CIT 121</td>
<td>11</td>
<td>11</td>
<td>9</td>
<td>84.85%</td>
<td>84.85%</td>
</tr>
<tr>
<td>CIT 170</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>98.04%</td>
<td>66.67%</td>
</tr>
<tr>
<td>CIT 279</td>
<td>32</td>
<td>25</td>
<td>22</td>
<td>89.80%</td>
<td>68.75%</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>100</td>
<td>87</td>
<td>80</td>
<td>92.87%</td>
<td>80.33%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>AASISASAS</td>
<td>82</td>
<td>68</td>
<td>63</td>
<td>92.69%</td>
<td>76.42%</td>
</tr>
</tbody>
</table>

Faculty response from:
Rondeau: Numbers for this fall were skewed as we were unable to suspend students in the new LOLA system.
Learning Outcome A: clarity in verbal and written communication to accurately convey technical information and to critically read and interpret technical literature;

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
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</tr>
</thead>
<tbody>
<tr>
<td>CIS 117</td>
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<td>CIS 120</td>
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<tr>
<td>CIS 217</td>
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<tr>
<td>CIT 130</td>
<td>55</td>
<td>37</td>
<td>32</td>
<td>85.91%</td>
<td>57.27%</td>
</tr>
<tr>
<td>CIT 149</td>
<td>11</td>
<td>9</td>
<td>9</td>
<td>100.00%</td>
<td>81.82%</td>
</tr>
<tr>
<td>CIT 150</td>
<td>33</td>
<td>31</td>
<td>31</td>
<td>100.00%</td>
<td>93.94%</td>
</tr>
<tr>
<td>CIT 160</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>CIT 161</td>
<td>n/a</td>
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<td>n/a</td>
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</tr>
<tr>
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</tr>
<tr>
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<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>CIT 294</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>100.00%</td>
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</tr>
<tr>
<td>TOTAL:</td>
<td>105</td>
<td>83</td>
<td>78</td>
<td>93.75%</td>
<td>73.81%</td>
</tr>
</tbody>
</table>

Learning Outcome B: the ability to critically analyze and solve real world user interaction;

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 117</td>
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<tr>
<td>CIS 217</td>
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</tr>
<tr>
<td>CIT 130</td>
<td>55</td>
<td>37</td>
<td>32</td>
<td>85.91%</td>
<td>57.27%</td>
</tr>
<tr>
<td>CIT 149</td>
<td>11</td>
<td>9</td>
<td>9</td>
<td>100.00%</td>
<td>81.82%</td>
</tr>
<tr>
<td>CIT 150</td>
<td>33</td>
<td>31</td>
<td>31</td>
<td>100.00%</td>
<td>93.94%</td>
</tr>
<tr>
<td>CIT 160</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>CIT 161</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
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</tr>
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<td>CIT 230</td>
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<td>n/a</td>
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</tr>
<tr>
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<td>2</td>
<td>2</td>
<td>100.00%</td>
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</tr>
<tr>
<td>CIT 294</td>
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</tr>
<tr>
<td>TOTAL:</td>
<td>105</td>
<td>83</td>
<td>78</td>
<td>93.75%</td>
<td>73.81%</td>
</tr>
</tbody>
</table>

Learning Outcome C: working knowledge in learning relevant computer languages enabling graduates to critically analyze and react to new developments in their field;

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
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</tr>
</thead>
<tbody>
<tr>
<td>CIS 117</td>
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<td></td>
</tr>
<tr>
<td>CIT 130</td>
<td>55</td>
<td>37</td>
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<td>57.27%</td>
</tr>
<tr>
<td>CIT 149</td>
<td>11</td>
<td>9</td>
<td>9</td>
<td>100.00%</td>
<td>81.82%</td>
</tr>
<tr>
<td>CIT 150</td>
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<td>31</td>
<td>100.00%</td>
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<tr>
<td>CIT 160</td>
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<td>n/a</td>
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<td>CIT 161</td>
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<td>CIT 230</td>
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<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>CIT 235</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>CIT 294</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>100.00%</td>
<td>100.00%</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>105</td>
<td>83</td>
<td>78</td>
<td>93.75%</td>
<td>73.81%</td>
</tr>
</tbody>
</table>
Learning Outcome D: the utilization of mathematics to collect, analyze and interpret technical data collected through security investigation and experimentation

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 130</td>
<td>55</td>
<td>37</td>
<td>32</td>
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<td>57.27%</td>
</tr>
<tr>
<td>CIT 149</td>
<td>11</td>
<td>9</td>
<td>9</td>
<td>100.00%</td>
<td>81.82%</td>
</tr>
<tr>
<td>CIT 230</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>CIT 235</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>CIT 294</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>72</td>
<td>52</td>
<td>46.5</td>
<td>90.00%</td>
<td>64.58%</td>
</tr>
</tbody>
</table>

Learning Outcome E: an application of web and computer programming applications to gain hands-on experience.

Summative Assessment: Average results from all learning outcomes in the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
<th>Overall Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>AASIPA</td>
<td>88</td>
<td>70</td>
<td>66</td>
<td>94.07%</td>
<td>74.55%</td>
</tr>
</tbody>
</table>
Faculty response from:

Hopkins: (CIT150); Excellent response from the Dual Enrollment. Retention was excellent, only losing one student due to dropping out of school.

Rondeau: Numbers for this fall were skewed as we were unable to suspend students in the new LOLA system. Also in the CIT 130 course the text had many errors that hurt the students. Because of this a new text was selected and implemented for Spring of 2013.

### CIT 101

**Changes needed to improve student success:**

Gumeel: We could not get a good figure for 14 day count because I could not suspend any student due to the new attendance policy. The students who start the class and finish it did really well.

Hopkins: I agree with Ms Gumeel about the problems with Lola. I had an exceptional number of students that did not turn in assignments this semester. The third problem was with the testing center. Although we require the Network+ exam as part of the course, I could not grade the students because the testing center didn't publish the schedule or the grades in time to include it into my grade calculation.

The BAFB 101 course is extremely successful. There is currently a 100 percent success rate in this course.

Jones: Better explanation of class requirements.

**Changes needed to improve retention:**

Gumeel: My class is an online class, so the students need more supporting material to make the online class experience close to the face to face class experience. Now we are in the process of adapting the Testout's LabSim courses that allow the students to visualize most of the important network and network security topics, they can have a virtualized lab to design, build, and troubleshoot network.

Hopkins: The retention in this class was not great and the attendance dropped during the semester as the news of the new attendance policy circulated. (From a student's comments). Reinstate the drop policy so the students have a further incentive to stay in class.

Retention is at 100 percent for this particular section.

Jones: Better explanation of class requirements.

### Summary of results from all Learning Outcomes

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 101</td>
<td>#</td>
<td>#</td>
<td>#</td>
<td>100.00%</td>
</tr>
</tbody>
</table>

*Faculty Comments: communicating and make arrangement with the testing center to make the test taking schedule little bit early, Adding more supporting materials like videos and virtual labs to the online class.*

### CIT 110

**Changes needed to improve success:**

Weaver: n/a

**Changes needed to improve retention:**

Weaver: n/a

**Summary of results from all Learning Outcomes**
### Course 14-day count

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 110</td>
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</tbody>
</table>

**Faculty Comments:** *n/a*

#### CIT 112

**Changes needed to improve student success:**
Horton: Student success is 100 percent in this course. This is due to the small course and the drive of the students in the course to pass the certification.

**Changes needed to improve retention:**
Horton: The change from CramMaster to TESTOUT should better prepare the students and give them more time to study for the exam.

**Summary of results from all Learning Outcomes**

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 112</td>
<td>20</td>
<td>20</td>
<td>19</td>
<td>95.00%</td>
</tr>
</tbody>
</table>

**Faculty Comments:** This is the only cert in one class that requires two tests. Consider splitting into two courses in the future.

#### CIT 115

**Changes needed to improve student success:**
Cooper: Students really enjoyed hands-on assignments in this course. More of these should be incorporated wherever possible to encourage student engagement. In several cases, students were unable to drop from the course before the 14 day count due to issues with the new LOLA system.

**Changes needed to improve retention:**
Cooper: Retention was fairly good in this course. More effort should be made to contact online students and ensure that they were able to keep up with assignments, or drop the course if needed.

**Summary of results from all Learning Outcomes**

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 115</td>
<td>22</td>
<td>16</td>
<td>16.00</td>
<td>100.00%</td>
</tr>
</tbody>
</table>

**Faculty Comments:** In future semester, the course will be offered using the IBEST model, in which students will receive instruction in math as well as the technical content. This should afford them the opportunity to expand their knowledge of encryption protocols and enhance their understanding of network security.

#### CIT 121

**Changes needed to improve student success:**
Cooper: Students are generally very motivated in this course. More hands-on activities tend to lead to better comprehension of this material.
Horton: Students are generally very motivated in this course. More hands-on activities tend to lead to better comprehension of this material.

**Changes needed to improve retention:**
Cooper: Retention was not a problem in this course. Students are very motivated to pass the CCNA certification.
Horton: Retention was not a problem in this course. Students are very motivated to pass the CCNA certification.

**Summary of results from all Learning Outcomes**

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 121</td>
<td>11</td>
<td>11</td>
<td>9</td>
<td>81.82%</td>
</tr>
</tbody>
</table>

**Faculty Comments:** The course has been successful, but needs a lot of hands on instruction to give the students more exposure to Cisco equipment. During the eight-week time frame of the course, online tools such as Packet Tracer should be used to augment the work going on in the classroom.

**CIT 122**

**Changes needed to improve student success:**
Cooper: This is the most challenging of the CCNA courses. Students become tired and need to be encouraged early on to manage their study time.

**Changes needed to improve retention:**
Cooper: Retention was not a problem in this course. Students are generally very motivated to pass the CCNA certification.

**Summary of results from all Learning Outcomes**

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 122</td>
<td>5</td>
<td>5</td>
<td>4</td>
<td>80.00%</td>
</tr>
</tbody>
</table>

**Faculty Comments:** The course has been successful, but needs a lot of hands on instruction to give the students more exposure to Cisco equipment. During the eight-week time frame of the course, online tools such as Packet Tracer should be used to augment the work going on in the classroom.

**CIT 130**

**Changes needed to improve student success:**
Reynolds: Updated software to match updated books (CS6) will help, along with either a more simplified or standardized way of having them submit their work. Instructor access to managing student accounts on the server (just for the course uploads) would be helpful instead of depending on a 3rd party to setup my class on the server - since I have to notify them each time I have a new class.
Rondeau: Updated text is needed. This book was full of errors that made learning the material much more challenging then needed.

**Changes needed to improve retention:**
Reynolds: Once students reach the point of uploading their work (week 2), the fewer issues in uploading the better. I've seen that the more trouble they have in uploading their work, the more they tend to fall away. This may be solved with, as mentioned above, either a more simplified or standardized method of account creation or file upload process.
Rondeau: We have located a new text and will start using in the spring to see what improvements can be made to streamline this course.

**Summary of results from all Learning Outcomes**

<table>
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<th>Evaluated Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 130</td>
<td>55</td>
<td>37</td>
<td>32</td>
<td>86.49%</td>
</tr>
</tbody>
</table>

**Faculty Comments:** Adobe continues to release new versions that makes getting our labs and texts up to date is difficult. We are still hopeful the text update will be helpful with students learning.

**Changes needed to improve student success:**
Cooper: Students experienced a lot of difficulty with using different textbooks. This class could be greatly improved if the students use materials that are geared toward creating projects and passing the certification exam.

**Changes needed to improve retention:**
Cooper: Retention was not a major problem in this course. More effort could be made to contact students who are struggling and resolve their issues.

**Summary of results from all Learning Outcomes**

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 149</td>
<td>11</td>
<td>9</td>
<td></td>
<td>100.00%</td>
</tr>
</tbody>
</table>

**Faculty Comments:** The course will be offered in future semesters using an online courseware package, which allows the students access to the material, and a web server in which they can practice writing the scripts, and the certification test, which the instructor can administer to the students himself.

**Changes needed to improve student success:**
Gumeel: The student really enjoy and do really well on this class, but still we can improve the student success further more by adding more in class programs.

Hopkins: This class was a Dual Enrollment at Bossier Parish Technical School. The success was good, however, a constant emphasis on turning in work on time is required to ensure student success. Numbers for CIT150 are slightly higher than average due to the section 401 which had 19 students. This section was a dual-enrollment high school class who had higher attendance than normal for a college program since the attendance is monitored by the parish school system and the police truancy system. They were also hand-picked for the class, so were highly motivated students.

**Changes needed to improve retention:**
Gumeel: We can improve retention in this class by adding more in class programs to let the student understand the subject really well so they don’t feel lost.

Hopkins: Retention for section 401 was dictated by the Bossier high school system so all work in this area follows their rules and procedures. The anti-truancy system in Bossier is very good.

**Summary of results from all Learning Outcomes**

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
</tr>
</thead>
</table>
Faculty Comments: constant emphasising on turning in work on time and adding more in class projects and labs to ensure the student understanding.

CIT 151
Changes needed to improve student success:
Agarwal: Face to face. student success was 100%.

Changes needed to improve retention:
Agarwal: Retention was 100% for f2f. I have no idea why one student just stopped coming. No response was received when I send him the email.

Summary of results from all Learning Outcomes

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 151</td>
<td>12</td>
<td>11</td>
<td>10</td>
<td>90.91%</td>
</tr>
</tbody>
</table>

Faculty Comments: The course went smoothly and no problems.

CIT 169
Changes needed to improve student success:
Hopkins: Students stated that this should be a 15 week course due to the content. I think a minimum of J session would help.

Changes needed to improve retention:
Hopkins: Retention wasn't a problem with this course.

Summary of results from all Learning Outcomes

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 169</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>100.00%</td>
</tr>
</tbody>
</table>

Faculty Comments: Students stated that this should be a 15 week course due to the content. I think a minimum of J session would help.

CIT 170
Changes needed to improve student success:
Kamal: Some students didn't participate in the course. The students who participated in the course did well. Improvement in the method of conducting lab work is required. Better procedure may be followed for issuing laptops to students (e.g. laptops may be checked before issue, person may be designated to look into laptop problems, proper instructions to students etc). Feedback may be taken during the course.

Changes needed to improve retention:
Kamal: Improvement required in procedure of issuing of laptops. Though students enjoyed doing practical's, improvement of method of conducting practical work is required (may be discussed).

Summary of results from all Learning Outcomes
### Course 14-day count Students Evaluated Students Successful Evaluated Student Success

<table>
<thead>
<tr>
<th>Course</th>
<th>15</th>
<th>10</th>
<th>10</th>
<th>100.00%</th>
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</thead>
<tbody>
<tr>
<td>CIT 170</td>
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</tbody>
</table>

**Faculty Comments:** Students enjoyed doing practical’s, improvement of method of conducting practical work is required (may be discussed).

### CIT 172

**Changes needed to improve student success:**
Horton: The move to Testout from ExamCram was overwhelmingly successful.

**Changes needed to improve retention:**
Horton: Continued work with newer lab exercises will continue to keep the students interested in the course.

**Summary of results from all Learning Outcomes**

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count Students Evaluated Students Successful Evaluated Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 172</td>
<td>15</td>
</tr>
</tbody>
</table>

**Faculty Comments:** Consider opening a CIT lab where students can go to work on labwork, staffed with senior student workers.

### CIT 210

**Changes needed to improve student success:**
Horton: The students really enjoyed the final project where they presented and fought with each other over patent lawsuits. Each class needs something like this in it.

**Changes needed to improve retention:**
Horton: More research work needed in the course to prepare the students to become net admins.

**Summary of results from all Learning Outcomes**

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count Students Evaluated Students Successful Evaluated Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 210</td>
<td>10</td>
</tr>
</tbody>
</table>

**Faculty Comments:** Continue using cutting edge products in this class to prepare the student for the real world as much as is possible.

### CIT 220

**Changes needed to improve student success:**
Shaw, A: Leniency on turn in dates is an essential part of this course--many students have jobs and families. Identified certain high miss questions for revision in future courses.

**Changes needed to improve retention:**
Shaw, A: n/a
Summary of results from all Learning Outcomes

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 220</td>
<td>20</td>
<td>20</td>
<td>16</td>
<td>80.00%</td>
</tr>
</tbody>
</table>

Faculty Comments: Leniency on turn in dates is an essential part of this course--many students have jobs and families. Identified certain high miss questions for revision in future courses.

CIT 224

Changes needed to improve student success:
Shaw, A: This is the first time to teach this class. Identified errors in chapter questions to be corrected. Need to review Class project results to see if there were hard to understand instructions.

Changes needed to improve retention:
Shaw, A: Students should be aware of the Online versus Classroom variants of this course--some students did not know which was the online class. With the online course, I see an issue with students falling behind on assignments--is this an issue of assignments or student laziness?

Summary of results from all Learning Outcomes

<table>
<thead>
<tr>
<th>Course</th>
<th>14-day count</th>
<th>Students Evaluated</th>
<th>Students Successful</th>
<th>Evaluated Student Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT 224</td>
<td>7</td>
<td>7</td>
<td>6</td>
<td>85.71%</td>
</tr>
</tbody>
</table>

Faculty Comments: Students should be aware of the Online versus Classroom variants of this course--some students did not know which was the online class.

CIT 225

Changes needed to improve student success:
Rondeau: This term went pretty good. The students wanted more hands on so we adjusted to that mid stream. They like the change of pace.
As for improvements. I would like to POD cast the lectures so they have added information. As for the Barksdale course. Only one student was really engaged and willing to work. I really enjoyed the atmposhere there and look forward to teaching more at Barksdale.

Changes needed to improve retension:
Rondeau: Feel this was good as is as only had one withdraw from course. As has been the trend for a couple of classes I have this one student, same student, that is just collecting benefits so he does not attempt work. That is the reason for the 50% rate at Barksdale.

Summary of results from all Learning Outcomes

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<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>CIT 225</td>
<td>12</td>
<td>7</td>
<td>7</td>
<td>85.71%</td>
</tr>
</tbody>
</table>

Faculty Comments: The low overal is accepted by students not completing. Many have taken on heavier loads then they should have and dropped. I have started reading my lectures to help make material more available.
CIT 235

Changes needed to improve student success:
Goadrich: The student did really well in this class eventhough this was the first time we offered Mobil App material in this class. Students need to have access to Android mobile device to test their app on, now we already have access to Samsung Galaxy tablets through grant money and also we are in the process of obtaining Android mobile devices as well.

Changes needed to improve retension:
Goadrich: Students need to have access to Android mobile device to test their app on, now we already have access to Samsung Galaxy tablets through grant money and also we are in the process of obtaining Android mobile devices as well.

Summary of results from all Learning Outcomes

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</tr>
</thead>
<tbody>
<tr>
<td>CIT 235</td>
<td>2</td>
<td>2</td>
<td>#</td>
<td>100.00%</td>
</tr>
</tbody>
</table>

Faculty Comments: The student did really well in this class eventhough this was the first time we offered Mobil App material in this class. Students need to have access to Android mobile device to test their app on, now we already have access to Samsung Galaxy tablets through grant money and also we are in the process of obtaining Android mobile devices as well.

CIT 243

Changes needed to improve student success:
Gumeel: We need to adapt more in class projects and labs to help the student understand the subject really well.

Changes needed to improve retension:
Gumeel: We need to adapt more in class projects and labs to help the student understand the subject really well.

Summary of results from all Learning Outcomes

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</tr>
</thead>
<tbody>
<tr>
<td>CIT 243</td>
<td>3</td>
<td>3</td>
<td>#</td>
<td>100.00%</td>
</tr>
</tbody>
</table>

Faculty Comments: We need to adapt more in class projects and labs to help the student understand the subject really well.

CIT 250

Changes needed to improve student success:
Agarwal: This time I made a video also. There was a 100% student success rate in all areas.

Changes needed to improve retension:
Agarwal: One student just registered. He had a lot of personal problems. He never showed up after he registered. He did not take any exams either.

Summary of results from all Learning Outcomes
Faculty Comments: _Everything was fine for the regular student. No problems were detected._

**CIT 270**

Changes needed to improve student success:
Cooper: The students were very successful with their projects, though they found the exercises unchallenging. In the future, we should consider gearing their studies toward passing a certification exam.

Changes needed to improve retention:
Cooper: Retention was not a major problem in this course. More effort could be made to contact students who are struggling and resolve their issues.

Summary of results from all Learning Outcomes

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</tr>
</thead>
<tbody>
<tr>
<td>CIT 270</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
</tr>
</tbody>
</table>

Faculty Comments: _The course will be offered in future semesters using an online courseware package, which allows the students access to the material, and a web server in which they can practice writing the scripts, and the certification test, which the instructor can administer to the students himself._

**CIT 272**

Changes needed to improve student success:
Horton: The way the LXO exams were split does not match up with how the classes are split. This will be corrected next semester.

Changes needed to improve retention:
Horton: n/a

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</tr>
</thead>
<tbody>
<tr>
<td>CIT 272</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
</tr>
</tbody>
</table>

Faculty Comments: _As the LXO exam evolves, this class must as well. As commented in CIT172 an open lab would be beneficial._

**CIT 279**

Changes needed to improve student success:
Rondeau: Students need to be self motivated. I feel that by applying themselves we will see increase in outcomes. This term I redesigned all labs seemed to run smoother.

Changes needed to improve retention:
Rondeau: The students commented on that they liked the POD cast and the lab format. So I feel that will help the course. They really enjoy the extra hands on that the labs allow/force them to have.

**Summary of results from all Learning Outcomes**

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</tr>
</thead>
<tbody>
<tr>
<td>CIT 279</td>
<td>32</td>
<td>25</td>
<td>22</td>
<td>88.00%</td>
</tr>
</tbody>
</table>

**Faculty Comments:** New labs and class structure appear to be helping and will continue to make changes to improve. Still have many students dropping because they took on too large of a class load.

**CIT 280**

Changes needed to improve student success:
Rondeau: This has been an interesting term with the certification exam. We have been working to study hard and then had many headaches. We are in the process of reworking how certifications will be handled for this course. As for over course improvements. There is so much to cover. I would like to find a way to focus in on some more concrete labs but there are so many activities it is hard to build a few major ones that cover all needed material.

Changes needed to improve retention:
Rondeau: As to improve retention. I feel that as I work on reworking and streamlining labs this will help.

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</thead>
<tbody>
<tr>
<td>CIT 280</td>
<td>16</td>
<td>15</td>
<td>15</td>
<td>100.00%</td>
</tr>
</tbody>
</table>

**Faculty Comments:** Students success confirms to be high due to interest in material. Students are excited to study forensics.

**CIT 282**

Changes needed to improve student success:
Gumeel: We need to change the book to one more specialized on preparing and help the students prepare for the project+ specifically so they can pass the project+ certification exam.

Changes needed to improve retention:
Gumeel: We need to change the book to one more specialized on preparing and help the students prepare for the project+ specifically so they can pass the project+ certification exam.

**Summary of results from all Learning Outcomes**

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</tr>
</thead>
<tbody>
<tr>
<td>CIT 282</td>
<td>13</td>
<td>10</td>
<td>10</td>
<td>100.00%</td>
</tr>
</tbody>
</table>

**Faculty Comments:** We need to change the book to one more specialized on preparing and help the students prepare for the project+ specifically so they can pass the project+ certification exam.

**CIT 292**

Changes needed to improve student success:
Cooper: Students were very successful in gaining work skills. More focus on specific projects in ethics should be made.

**Changes needed to improve retention:**
Cooper: There were no problems with retention. Only one student dropped the course.

**Summary of results from all Learning Outcomes**

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</tr>
</thead>
<tbody>
<tr>
<td>CIT 292</td>
<td>3</td>
<td>2</td>
<td>2</td>
<td>100.00%</td>
</tr>
</tbody>
</table>

*Faculty Comments:* The students in the course should focus more on the ethics content of their book during the time that they are in the classroom. More effort needs to be made in the future to secure internships that will lead to permanent jobs for the students.

**Changes needed to improve student success:**
Cooper: Students were very successful in gaining work skills. More focus on specific projects in ethics should be made.

**Changes needed to improve retention:**
Cooper: Retention was not a major problem in this course. Only one student failed to complete the class, who was struggling in all his courses.

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</tr>
</thead>
<tbody>
<tr>
<td>CIT 293</td>
<td>7</td>
<td>6</td>
<td>6</td>
<td>100.00%</td>
</tr>
</tbody>
</table>

*Faculty Comments:* Add more material from the ethic book More effort needs to be made in the future to secure internships that will lead to permanent jobs for the students.

**Changes needed to improve student success:**
Gumeel: Students were very successful in gaining work skills. More focus on specific projects in ethics should be made.

**Changes needed to improve retention:**
Gumeel: Retention was not a major problem in this course. Only one student failed to complete the class, who was struggling in all his courses.

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<tbody>
<tr>
<td>CIT 294</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>100.00%</td>
</tr>
</tbody>
</table>
**Faculty Comments:** Students were very successful in gaining work skills. More focus on specific projects in ethics should be made.