

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 101	67	58	54	92.57%	79.58%
CIT 112	17	21	15	74.76%	90.59%
CIT 115	24	24	24	100.00%	100.00%
CIT 120	19	14	14	96.88%	85.03%
CIT 121	9	9	9	100.00%	100.00%
CIT 122	6	6	6	94.44%	94.44%
CIT 130	55	45	37	83.33%	67.88%
CIT 150	13	11	11	93.56%	80.77%
CIT 170	25	25	25	92.68%	91.20%
CIT 209	5	5	5	80.00%	80.00%
CIT 210	14	14	13	95.24%	95.24%
CIT 221					
CIT 222	4	4	4	100.00%	100.00%
CIT 279	18	14	13	89.29%	89.29%
CIT 293	7	6	6	100.00%	83.33%
TOTAL:	283	256	235	91.90%	82.96%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 101	67	58	54	92.57%	79.58%
CIT 115	24	24	24	100.00%	100.00%
CIT 120	19	14	14	96.88%	85.03%

CIT 121	9	9	9	100.00%	100.00%
CIT 122	6	6	6	94.44%	94.44%
CIT 130	55	45	37	83.33%	67.88%
CIT 170	25	25	25	92.68%	91.20%
CIT 210	14	14	13	95.24%	95.24%
CIT 221					
CIT 222	4	4	4	100.00%	100.00%
CIT 279	18	14	13	89.29%	89.29%
CIT 280	9	9	9	83.33%	83.33%
CIT 293	7	6	6	100.00%	83.33%
TOTAL:	257	228	213	93.42%	82.73%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 101	67	58	54	92.57%	79.58%
CIT 115	24	24	24	100.00%	100.00%
CIT 120	19	14	14	96.88%	85.03%
CIT 121	9	9	9	100.00%	100.00%
CIT 122	6	6	6	94.44%	94.44%
CIT 170	25	25	25	92.68%	91.20%
CIT 210	14	14	13	95.24%	95.24%
CIT 221					
CIT 222	4	4	4	100.00%	100.00%
CIT 279	18	14	13	89.29%	89.29%
CIT 280	9	9	9	83.33%	83.33%
CIT 293	7	6	6	100.00%	83.33%
TOTAL:	202	183	176	95.90%	86.77%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 101	67	58	54	92.57%	79.58%
CIT 115	24	24	24	100.00%	100.00%
CIT 120	19	14	14	96.88%	85.03%
CIT 121	9	9	9	100.00%	100.00%
CIT 122	6	6	6	94.44%	94.44%
CIT 209	5	5	5	80.00%	80.00%
CIT 210	14	14	13	95.24%	95.24%
CIT 221					
CIT 222	4	4	4	100.00%	100.00%
CIT 293	7	6	6	100.00%	83.33%

TOTAL: 155 140 134 95.89% 86.47%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 101	67	58	54	92.57%	79.58%
CIT 115	24	24	24	100.00%	100.00%
CIT 120	19	14	14	96.88%	85.03%
CIT 121	9	9	9	100.00%	100.00%
CIT 122	6	6	6	94.44%	94.44%
CIT 170	25	25	25	92.68%	91.20%
CIT 210	14	14	13	95.24%	95.24%
CIT 221					
CIT 222	4	4	4	100.00%	100.00%
CIT 279	18	14	13	89.29%	89.29%
CIT 280	9	9	9	83.33%	83.33%
CIT 293	7	6	6	100.00%	83.33%
TOTAL:	202	183	176	95.90%	86.77%

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
AASINSS	220	198	187	94.30%	84.80%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 101	67	58	54	92.57%	79.58%
CIT 115	24	24	24	100.00%	100.00%
CIT 120	19	14	14	96.88%	85.03%
CIT 121	9	9	9	100.00%	100.00%
CIT 122	6	6	6	94.44%	94.44%
CIT 170	25	25	25	92.68%	91.20%
CIT 209	5	5	5	80.00%	80.00%
CIT 210	14	14	13	95.24%	95.24%
CIT 221					
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:	194	176	169	95.88%	86.87%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 101	67	58	54	92.57%	79.58%
CIT 115	24	24	24	100.00%	100.00%
CIT 120	19	14	14	96.88%	85.03%
CIT 121	9	9	9	100.00%	100.00%
CIT 122	6	6	6	94.44%	94.44%
CIT 130	55	45	37	83.33%	67.88%
CIT 170	25	25	25	92.68%	91.20%
CIT 210	14	14	13	95.24%	95.24%
CIT 221					
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:	244	216	201	93.17%	82.33%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 101	67	58	54	92.57%	79.58%
CIT 115	24	24	24	100.00%	100.00%
CIT 120	19	14	14	96.88%	85.03%
CIT 121	9	9	9	100.00%	100.00%
CIT 122	6	6	6	94.44%	94.44%
CIT 170	25	25	25	92.68%	91.20%
CIT 210	14	14	13	95.24%	95.24%
CIT 221					
CIT 222	4	4	4	100.00%	100.00%
CIT 292	3	3	3	100.00%	100.00%
TOTAL:	171	157	151	96.34%	88.32%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 101	67	58	54	92.57%	79.58%
CIT 115	24	24	24	100.00%	100.00%
CIT 120	19	14	14	96.88%	85.03%
CIT 121	9	9	9	100.00%	100.00%
CIT 122	6	6	6	94.44%	94.44%
CIT 210	14	14	13	95.24%	95.24%
CIT 221					
CIT 222	4	4	4	100.00%	100.00%
CIT 292	3	3	3	1	1
TOTAL:	146	132	126	95.64%	86.32%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 101	67	58	54	92.57%	79.58%
CIT 115	24	24	24	100.00%	100.00%
CIT 120	19	14	14	96.88%	85.03%
CIT 121	9	9	9	100.00%	100.00%
CIT 150	13	11	11	93.56%	80.77%
CIT 170	25	25	25	92.68%	91.20%
CIT 209	5	5	5	80.00%	80.00%
CIT 210	14	14	13	95.24%	95.24%
CIT 221					

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%

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
AASINS	191	172	164	95.22%	85.76%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIS 113	7	7	6.67	95.24%	95.24%
CIT 115	24	24	24	100.00%	100.00%
CIT 130	55	45	37.33	83.33%	67.88%
CIT 149	8	7	6	89.14%	75.00%
CIT 150	13	11.25	10.50	93.56%	80.77%
CIT 160					
CIT 161					
CIT 230					
CIT 282					
TOTAL:	107	94	85	89.81%	78.97%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIS 113	7	7	6.67	95.24%	95.24%
CIT 115	24	24	24	100.00%	100.00%
CIT 149	8	7	6	89.14%	75.00%
CIT 160					
CIT 161					
CIT 230					
TOTAL:	39	38	36.67	96.49%	94.02%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIS 113	7	7	6.67	95.24%	95.24%
CIT 115	24	24	24	100.00%	100.00%
CIT 130	55	45	37.33	83.33%	67.88%
CIT 149	8	7	6	89.14%	75.00%
CIT 150	13	11.25	10.50	93.56%	80.77%
CIT 160					

CIT 161						
CIT 230						
TOTAL:	107	94.08	84.50	89.81%	78.97%	

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 115	24	24	24	100.00%	100.00%
CIT 149	8	7	6	89.14%	75.00%
CIT 230					
TOTAL:	32	31	30	96.77%	93.75%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 149	8	7	6	89.14%	75.00%
CIT 161					
CIT 160					
CIT 282					
CIT 230					
CIS 113	7	7	6.67	95.24%	95.24%
TOTAL:	15	14	12.67	90.48%	84.44%

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
AASIPA	60	54	50	92.59%	83.33%

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.

Associate of Applied Science in Information Systems Administration 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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIS 113	7	7	7	95.24%	95.24%
CIT 112	17	21	15	74.76%	90.59%
CIT 115	24	24	24	100.00%	100.00%
CIT 120	19	14	14	96.88%	85.03%
CIT 121	9	9	9	100.00%	100.00%
CIT 130	55	45	37	83.33%	67.88%
CIT 160					
CIT 170	25	25	25	92.68%	91.20%
CIT 279	18	14	13	89.29%	89.29%
CIT 282					
TOTAL:	174	159	144	90.53%	82.56%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 115	24	24	24	100.00%	100.00%
CIT 120	19	14	14	96.88%	85.03%
CIT 121	9	9	9	100.00%	100.00%
CIT 170	25	25	25	92.68%	91.20%
CIT 282					
TOTAL:	77	72	72	99.31%	93.18%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 115	24	24	24	100.00%	100.00%
CIT 170	25	25	25	92.68%	91.20%
TOTAL:	49	49	49	100.00%	100.00%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 115	24	24	24	100.00%	100.00%
CIT 120	19	14	14	96.88%	85.03%
CIT 121	9	9	9	100.00%	100.00%
CIT 282					
TOTAL:	52	47	47	98.94%	89.90%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 112	17	21	15	74.76%	90.59%
CIT 115	24	24	24	100.00%	100.00%
CIT 120	19	14	14	96.88%	85.03%
CIT 121	9	9	9	100.00%	100.00%
CIT 170	25	25	25	92.68%	91.20%
CIT 279	18	14	13	89.29%	89.29%
TOTAL:	112	107	100	93.26%	88.97%

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
AASISAS	93	87	82	94.65%	88.53%

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 ISAS 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.

Associate of Applied Science in Web Analyst Programmer

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIS 117					
CIS 120					
CIS 217					
CIT 130	55	45	37	83.33%	67.88%
CIT 149	8	7	6	89.14%	75.00%
CIT 150	13	11	11	93.56%	80.77%
CIT 159					
CIT 160					
CIT 161					
CIT 230					
CIT 235					
CIT 294					
TOTAL:	76	63	54	85.34%	70.83%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIS 117					
CIS 217					
CIT 130	55	45	37	83.33%	67.88%
CIT 149	8	7	6	89.14%	75.00%
CIT 159					
CIT 160					
CIT 161					
CIT 230					
CIT 235					
CIT 294					
TOTAL:	63	52	43	83.60%	68.78%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIS 117					
CIS 217					
CIT 149	8	7	6	89.14%	75.00%
CIT 150	13	11	11	93.56%	80.77%
CIT 160					
CIT 161					
CIT 230					
CIT 235					
CIT 294					
TOTAL:	21	18	17	90.41%	78.57%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 130	55	45	37	83.33%	67.88%
CIT 149	8	7	6	89.14%	75.00%
CIT 230					
CIT 235					
CIT 294					
TOTAL:	63	52	43	83.60%	68.78%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIS 117					
CIS 120					
CIS 217					
CIT 130	55	45	37	83.33%	67.88%
CIT 149	8	7	6	89.14%	75.00%
CIT 150	13	11	11	93.56%	80.77%
CIT 159					
CIT 160					
CIT 161					
CIT 230					
CIT 235					
CIT 294					
TOTAL:	76	63	54	85.34%	70.83%

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
AASWAP	60	50	42	84.98%	70.51%

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 Course Learning Outcomes for Spring 2012

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

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

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 101	60	51	50	98.03%	82.92%
CIT 115	33	29	28	96.55%	84.85%
CIT 170	27	27	27	95.65%	81.48%
CIT 210	13	13	13	97.44%	97.44%
CIT 221	6	6	4	66.67%	66.67%
CIT 222	5	5	5	100.00%	100.00%
CIT 279	28	24	22	94.68%	94.68%
CIT 280	10	9	9	100.00%	86.00%
CIT 293	6	6	6	100.00%	86.00%
TOTAL:	188	169	163	96.69%	86.84%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 101	60	51	50	98.03%	82.92%
CIT 170	27	27	27	95.65%	81.48%
CIT 210	13	13	13	97.44%	97.44%
CIT 221	6	6	4	66.67%	66.67%
CIT 222	5	5	5	100.00%	100.00%
CIT 279	28	24	22	94.68%	94.68%
CIT 280	10	9	9	100.00%	86.00%
CIT 293	6	6	6	100.00%	86.00%
TOTAL:	155	140	135	96.72%	87.27%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 101	60	51	50	98.03%	82.92%
CIT 112	18	16	9	53.75%	47.78%
CIT 120	9	9	9	100.00%	100.00%
CIT 150	15	15	15	100.00%	100.00%
CIT 210	13	13	13	97.44%	97.44%
CIT 221	6	6	4	66.67%	66.67%
CIT 222	5	5	5	100.00%	100.00%
CIT 293	6	6	6	100.00%	100.00%
TOTAL:	132	121	110	91.11%	83.35%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 101	60	51	50	98.03%	82.92%
CIT 170	27	27	27	95.65%	81.48%
CIT 210	13	13	13	97.44%	97.44%
CIT 221	6	6	4	66.67%	66.67%
CIT 222	5	5	5	100.00%	100.00%
CIT 279	28	24	22	94.68%	94.68%

CIT 293	6	6	6	100.00%	100.00%
TOTAL:	145	131	127	96.51%	87.36%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
AASINSS	156	140	132	94.78%	85.15%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 101	60	51	50	98.03%	82.92%
CIT 209	5	5	5	80.00%	80.00%
CIT 210	13	13	13	97.44%	97.44%
CIT 279	28	24	22	94.68%	94.68%
CIT 292	2	2	2	100.00%	100.00%
TOTAL:	108	94	92	97.26%	84.88%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 101	60	51	50	98.03%	82.92%
CIT 170	27	27	27	95.65%	81.48%
CIT 210	13	13	13	97.44%	97.44%
CIT 221	6	6	4	66.67%	66.67%
CIT 222	5	5	5	100.00%	100.00%
CIT 279	28	24	22	94.68%	94.68%
CIT 292	2	2	2	100.00%	100.00%
TOTAL:	141	127	123	96.40%	87.00%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 101	60	51	50	98.03%	82.92%

CIT 170	27	27	27	95.65%	81.48%
CIT 210	13	13	13	97.44%	97.44%
CIT 221	6	6	4	66.67%	66.67%
CIT 222	5	5	5	100.00%	100.00%
CIT 292	2	2	2	100.00%	100.00%
TOTAL:	113	104	100	96.79%	88.86%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 101	60	51	50	98.03%	82.92%
CIT 112	18	16	9	53.75%	47.78%
CIT 120	9	9	9	100.00%	100.00%
CIT 150	15	15	15	100.00%	100.00%
CIT 210	13	13	13	97.44%	97.44%
CIT 221	6	6	4	66.67%	66.67%
CIT 222	5	5	5	100.00%	100.00%
CIT 292	2	2	2	100.00%	100.00%
TOTAL:	128	117	106	90.81%	82.83%


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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 101	60	51	50	98.03%	82.92%
CIT 150	15	15	15	100.00%	100.00%
CIT 170	27	27	27	95.65%	81.48%
CIT 209	5	5	5	80.00%	80.00%
CIT 210	13	13	13	97.44%	97.44%
CIT 221	6	6	4	66.67%	66.67%
CIT 222	5	5	5	100.00%	100.00%
CIT 279	28	24	22	94.68%	94.68%
CIT 292	2	2	2	100.00%	100.00%
TOTAL:	161	147	143	96.89%	88.61%

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
AASINS	130	118	113	95.62%	86.55%

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

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

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIS 113	30	27	26	96.30%	86.67%
CIS 213	10	8	8	100.00%	80.00%
CIT 230	10	10	10	100.00%	100.00%
TOTAL:	50	45	44	97.78%	88.00%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIS 113	30	27	26	96.30%	86.67%
CIS 213	10	8	8	100.00%	80.00%
CIT 130	40	29	28	93.75%	68.75%

CIT 150	15	15	15	100.00%	100.00%
CIT 230	10	10	10	100.00%	100.00%
TOTAL:	105	89	87	96.83%	82.38%

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

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

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

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 130	40	29	28	93.75%	68.75%
CIT 282	9	9	9	100.00%	100.00%
CIT 230	10	10	10	100.00%	100.00%
TOTAL:	19	19	19	100.00%	100.00%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
AASIPA	65	59	58	98.03%	88.84%

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

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

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

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

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

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

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

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

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

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

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
AASISAS	110	97	95	97.50%	86.03%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 130	40	29	28	93.75%	68.75%
CIT 230	10	10	10	100.00%	100.00%
TOTAL:	50	39	38	95.34%	75.00%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 130	40	29	28	93.75%	68.75%
CIT 230	10	10	10	100.00%	100.00%
TOTAL:	50	39	38	95.34%	75.00%

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

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

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

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

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

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

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
AASIWAP	79.2	67	64	96.35%	81.19%

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

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success	
CIT 101		77	65	65	99.62%	84.42%
CIT 115		22	16	15	93.75%	68.18%
CIT 120	n/a	n/a	n/a	n/a	n/a	n/a
CIT 121		11	11	9	84.85%	84.85%
CIT 122		5	5	4	92.86%	86.67%
CIT 130		55	37	32	85.91%	57.27%
CIT 170		15	10	10	98.04%	66.67%
CIT 210		10	10	10	100.00%	100.00%

CIT 279	32	25	22	89.80%	68.75%
CIT 280	16	15	15	100.00%	87.50%
CIT 293	7	6	6	100.00%	85.71%
TOTAL:	250	199	188	94.53%	75.17%

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

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 101		77	65	65	84.42%
CIT 115		22	16	15	68.18%
CIT 120	n/a	n/a	n/a	n/a	n/a
CIT 121		11	11	9	84.85%
CIT 122		5	5	4	86.67%
CIT 170		15	15	15	66.67%
CIT 210		10	10	10	100.00%
CIT 279		32	25	22	100.00%
CIT 280		16	15	15	89.80%
CIT 293		7	6	6	87.50%
TOTAL:		195	167	161	85.71%

(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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 101		77	65	65	84.42%
CIT 115		22	16	15	68.18%
CIT 120	n/a	n/a	n/a	n/a	n/a
CIT 121		11	11	9	84.85%
CIT 122		5	5	4	86.67%
CIT 210		10	10	10	100.00%
CIT 293		7	6	6	100.00%
TOTAL:		132	113	110	97.12%

(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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 101		77	65	65	84.42%
CIT 115		22	16	15	68.18%
CIT 120	n/a	n/a	n/a	n/a	n/a
CIT 121		11	11	9	84.85%
CIT 122		5	5	4	86.67%
CIT 170		15	15	15	66.67%
CIT 210		10	10	10	100.00%
CIT 279		32	25	22	100.00%
CIT 280		16	15	15	87.50%
CIT 293		7	6	6	85.71%
TOTAL:		195	167	161	82.78%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
AASINSS		212	176	169	79.66%

Faculty response from:

Hopkins: 1) The overall success rate is mainly attributed to retention (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. Reinstate 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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 101		77	65	65	84.42%
CIT 115		22	16	15	68.18%
CIT 120	n/a	n/a	n/a	n/a	n/a
CIT 121		11	11	9	84.85%
CIT 122		5	5	4	86.67%
CIT 170		15	15	15	66.67%
CIT 210		10	10	10	100.00%
CIT 279		32	25	22	68.75%
CIT 292		3	2	2	66.67%
TOTAL:		175	148	143	81.52%

(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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 101		77	65	65	84.42%
CIT 115		22	16	15	68.18%
CIT 120	n/a	n/a	n/a	n/a	n/a
CIT 121		11	11	9	84.85%
CIT 122		5	5	4	86.67%
CIT 130		55	37	32	57.27%
CIT 170		15	15	15	66.67%
CIT 210		10	10	10	100.00%
CIT 279		32	25	22	68.75%
CIT 292		3	2	2	66.67%
TOTAL:		230	185	174	75.72%

(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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 101		77	65	65	84.42%
CIT 115		22	16	15	68.18%
CIT 120	n/a	n/a	n/a	n/a	n/a
CIT 121		11	11	9	84.85%
CIT 122		5	5	4	86.67%
CIT 170		15	15	15	66.67%
CIT 210		10	10	10	100.00%
CIT 292		3	2	2	66.67%
TOTAL:		143	124	121	84.38%

(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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 101		77	65	65	84.42%
CIT 115		22	16	15	68.18%
CIT 120	n/a	n/a	n/a	n/a	n/a
CIT 121		11	11	9	84.85%
CIT 122		5	5	4	86.67%
CIT 210		10	10	10	100.00%
CIT 292		3	2	2	66.67%
TOTAL:		128	109	106	82.55%

(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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 101		77	65	65	84.42%
CIT 115		22	16	15	68.18%
CIT 120	n/a	n/a	n/a	n/a	n/a
CIT 121		11	11	9	84.85%
CIT 150		33	31	31	93.94%
CIT 170		15	15	15	66.67%
CIT 210		10	10	10	100.00%
CIT 279		32	25	22	68.75%
CIT 292		3	2	2	66.67%
TOTAL:		203	175	169	83.42%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
AASINS	176	148	143	96.14%	81.06%

Faculty response from:

Hopkins: 1) The overall success rate is mainly attributed to retention (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. Reinstate 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 Programmer Analyst 2012

Fall

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

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

(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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success	
CIT 115		22	16	15	93.75%	68.18%
CIT 160	n/a	n/a	n/a	n/a	n/a	n/a
TOTAL:		22	16	15	93.75%	68.18%

(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

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

(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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 115	22	16	15	93.75%	68.18%
TOTAL:	22	16	15	93.75%	68.18%

(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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 160	n/a	n/a	n/a	n/a	n/a
CIT 282	13	10	10	96.67%	74.36%
TOTAL:	13	10	10	96.67%	74.36%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
AASIPA	58	44	41	93.16%	70.46%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 112		20	20	19	95.00%
CIT 115		22	16	15	93.75%
CIT 120	n/a	n/a	n/a	n/a	n/a
CIT 121		11	11	9	84.85%
CIT 130		55	37	32	85.91%
CIT 160	n/a	n/a	n/a	n/a	n/a
CIT 170		15	15	15	98.04%
CIT 279		32	25	22	89.80%
CIT 282		13	10	10	96.67%
TOTAL:		168	133	122	91.24%

(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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 115		22	16	15	93.75%
CIT 120	n/a	n/a	n/a	n/a	n/a
CIT 121		11	11	9	84.85%
CIT 170		15	15	15	98.04%
CIT 282		13	10	10	96.67%
TOTAL:		61	52	49	94.23%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIT 115		22	16	15	93.75%
CIT 170		15	15	15	98.04%
TOTAL:		37	31	30	96.77%

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

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

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

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success	
AASISAS		82	68	63	92.69%	76.42%

Faculty response from:

Rondeau: Numbers for this fall were skewed as we were unable to suspend students in the new LOLA system.

Associate of Applied Science in Web Analyst Programmer - 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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIS 117					
CIS 120					
CIS 217					
CIT 130	55	37	32	85.91%	57.27%
CIT 149	11	9	9	100.00%	81.82%
CIT 150	33	31	31	100.00%	93.94%
CIT 160	n/a	n/a	n/a	n/a	n/a
CIT 161	n/a	n/a	n/a	n/a	n/a
CIT 230	n/a	n/a	n/a	n/a	n/a
CIT 235	2	2	2	1	1
CIT 294	4	4	4	1	1
TOTAL:	105	83	78	93.75%	73.81%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
CIS 117					
CIS 217					
CIT 130	55	37	32	85.91%	57.27%
CIT 149	11	9	9	100.00%	81.82%
CIT 150	33	31	31	100.00%	93.94%
CIT 160	n/a	n/a	n/a	n/a	n/a
CIT 161	n/a	n/a	n/a	n/a	n/a
CIT 230	n/a	n/a	n/a	n/a	n/a
CIT 235	2	2	2	100.00%	100.00%
CIT 294	4	4	4	100.00%	100.00%
TOTAL:	105	83	78	93.75%	73.81%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
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CIS 117							
CIS 217							
CIT 149		11	9	9	100.00%		81.82%
CIT 150		33	31	31	100.00%		93.94%
CIT 160	n/a	n/a	n/a	n/a		n/a	
CIT 161	n/a	n/a	n/a	n/a		n/a	
CIT 230	n/a	n/a	n/a	n/a		n/a	
CIT 235		2	2	2		1	1
CIT 294		4	4	4		1	1
CIT 169		3	3	3	100.00%		100.00%
TOTAL:		53	49	49	100.00%		92.45%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success		
CIT 130		55	37	32	85.91%	57.27%	
CIT 149		11	9	9	100.00%	81.82%	
CIT 230	n/a	n/a	n/a	n/a		n/a	
CIT 235		2	2	2		1	1
CIT 294		4	4	4		1	1
TOTAL:		72	52	46.5	90.00%	64.58%	

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success		
CIS 117							
CIS 217							
CIT 130		55	37	32	85.91%	57.27%	
CIT 149		11	9	9	100.00%	81.82%	
CIT 150		33	31	31	100.00%	93.94%	
CIT 160	n/a	n/a	n/a	n/a		n/a	
CIT 161	n/a	n/a	n/a	n/a		n/a	
CIT 230	n/a	n/a	n/a	n/a		n/a	
CIT 235		2	2	2		1	1
CIT 294		4	4	4		1	1
TOTAL:		105	83	78	93.75%	73.81%	

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success	Overall Student Success
AASIPA	88	70	66	94.07%	74.55%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success
CIT 101	#####	#####	#####	100.00%

Faculty Comments: communicatine 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	Students Evaluated	Students Successful	Evaluated Student Success
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CIT 110

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success
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CIT 112	20	20	19	95.00%
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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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success
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CIT 115	22	16	16.00	100.00%
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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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success
CIT 121		11	11	9 81.82%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success
CIT 122		5	5	4 80.00%

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 it in the spring to see what improvements can be made to streamline this course.

Summary of results from all Learning Outcomes

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success
CIT 130	55	37	32	86.49%

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.

CIT 149

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success
CIT 149	11	9	#####	100.00%

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 150

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success
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CIT 150 33 31 31 100.00%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success
CIT 151	12	11	10	90.91%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success
CIT 169	3	3	3	100.00%

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
CIT 170	15	10	10	100.00%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success
CIT 172	15	14	14.00	100.00%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success
CIT 210	10	10	10	100.00%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success
CIT 220	20	20	16	80.00%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success
CIT 224	7	7	6	85.71%

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 atmosphere there and look forward to teaching more at Barksdale

Changes needed to improve retention:

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success
CIT 225	12	7	#####	85.71%

Faculty Comments: The low overall is accepted by students not completing. Many have taken on heavier loads than 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 retention:

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success
CIT 235	2	2	#####	100.00%

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 retention:

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success
CIT 243	3	3	#####	100.00%

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 retention:

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success
CIT 250		2	1	##### 100.00%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success
CIT 270		4	4	4 100.00%

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

Summary of results from all Learning Outcomes

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success
CIT 272		5	5	5 100.00%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success
CIT 279	32	25	22	88.00%

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

CIT 280

Changes needed to improve student success:

Rondeau: This has been an intresting term with the certification exam. We have been working to study hard and then had many headahes. 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 retension:

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

Summary of results from all Learning Outcomes

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success
CIT 280	16	15	15	100.00%

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 retension:

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success
CIT 282	13	10	10	100.00%

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

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success
CIT 292	3	2	2	100.00%

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.

CIT 293

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.

Summary of results from all Learning Outcomes

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success
CIT 293	7	6	6	100.00%

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

CIT 294

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.

Summary of results from all Learning Outcomes

Course	14-day count	Students Evaluated	Students Successful	Evaluated Student Success
CIT 294	4	4	4	100.00%

Faculty Comments: Students were very successful in gaining work skills. More focus on specific projects in ethics should be made.