



# Success and Retention 2009/10 through 2013/14

## Computer Information Systems (CIS)

### Annual Retention and Success

	Enrollments	Success Count	Success Rate	Success Rate Goal	Success Rate Diff	Retention Count	Retention Rate	Retention Rate Goal	Retention Rate Diff
2009/2010	232	113	49%	70%	-21%	158	68%	84%	-16%
2010/2011	201	115	57%	70%	-13%	145	72%	84%	-12%
2011/2012	322	144	45%	70%	-25%	207	64%	84%	-20%
2012/2013	215	131	61%	70%	-9%	170	79%	84%	-5%
2013/2014	363	220	61%	70%	-9%	279	77%	84%	-7%

### Retention and Success by Term

	Headcount	Success Count	Success Rate	Retention Count	Retention Rate
Fall 2009	88	44	50%	55	63%
Fall 2010	75	37	49%	60	80%
Fall 2011	138	65	47%	95	69%
Fall 2012	63	38	60%	46	73%
Fall 2013	136	87	64%	110	81%
Spring 2010	103	47	46%	68	66%
Spring 2011	118	72	61%	78	66%
Spring 2012	178	75	42%	106	60%
Spring 2013	88	57	65%	75	85%
Spring 2014	160	91	57%	118	74%
Summer 2009	41	22	54%	35	85%
Summer 2010	8	6	75%	7	88%
Summer 2011	6	4	67%	6	100%
Summer 2012	64	36	56%	49	77%
Summer 2013	67	42	63%	51	76%
<b>Total</b>	1,333	723	54%	959	72%

## Retention and Success by Ethnicity

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2009/2010	African Am.	2			2	100%
	Asian	38	14	37%	22	58%
	Filipino	7	1	14%	1	14%
	Hispanic	104	54	52%	76	73%
	Native Am.	3			1	33%
	Unknown	22	8	36%	14	64%
	White	56	36	64%	42	75%
	<b>Totals &amp; Averages</b>	232	113	49%	158	68%
2010/2011	African Am.	3	1	33%	1	33%
	Asian	24	15	63%	19	79%
	Filipino	4				
	Hispanic	80	47	59%	56	70%
	Unknown	20	14	70%	18	90%
	White	70	38	54%	51	73%
	<b>Totals &amp; Averages</b>	201	115	57%	145	72%
2011/2012	African Am.	9	1	11%	3	33%
	Asian	44	19	43%	29	66%
	Filipino	7	5	71%	5	71%
	Hispanic	92	31	34%	45	49%
	Unknown	51	25	49%	37	73%
	White	119	63	53%	88	74%
	<b>Totals &amp; Averages</b>	322	144	45%	207	64%
2012/2013	African Am.	6	2	33%	2	33%
	Asian	25	14	56%	18	72%
	Filipino	12	8	67%	9	75%
	Hispanic	57	35	61%	47	82%
	Unknown	46	30	65%	37	80%
	White	69	42	61%	57	83%
	<b>Totals &amp; Averages</b>	215	131	61%	170	79%
2013/2014	African Am.	14	5	36%	11	79%
	Asian	59	32	54%	45	76%
	Filipino	9	5	56%	5	56%

	Headcount	Success Count	Success Rate	Retention Count	Retention Rate
Hispanic	82	55	67%	62	76%
Native Am.	1			1	100%
Unknown	71	45	63%	54	76%
White	127	78	61%	101	80%
<b>Totals &amp; Averages</b>	363	220	61%	279	77%

### Retention and Success by Gender

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2009/2010	Female	77	36	47%	58	75%
	Male	146	75	51%	96	66%
	Unreported	9	2	22%	4	44%
	<b>Totals &amp; Averages</b>	232	113	49%	158	68%
2010/2011	Female	49	21	43%	34	69%
	Male	140	86	61%	101	72%
	Unreported	8	6	75%	6	75%
	<b>Totals &amp; Averages</b>	197	113	57%	141	72%
2011/2012	Female	52	22	42%	30	58%
	Male	262	120	46%	173	66%
	Unreported	2			2	100%
	<b>Totals &amp; Averages</b>	316	142	45%	205	65%
2012/2013	Female	54	30	56%	38	70%
	Male	156	98	63%	129	83%
	Unreported	5	3	60%	3	60%
	<b>Totals &amp; Averages</b>	215	131	61%	170	79%
2013/2014	Female	91	62	68%	69	76%
	Male	257	153	60%	201	78%
	Unreported	15	5	33%	9	60%
	<b>Totals &amp; Averages</b>	363	220	61%	279	77%

**Retention and Success by Age**

		<b>Headcount</b>	<b>Success Count</b>	<b>Success Rate</b>	<b>Retention Count</b>	<b>Retention Rate</b>
2009/2010	Under 18	34	27	<b>79%</b>	34	<b>100%</b>
	Age 18-22	99	53	<b>54%</b>	65	<b>66%</b>
	Age 23-28	27	8	<b>30%</b>	15	<b>56%</b>
	Age 29-39	46	9	<b>20%</b>	24	<b>52%</b>
	Age 40-49	14	8	<b>57%</b>	12	<b>86%</b>
	Age 50-59	8	4	<b>50%</b>	4	<b>50%</b>
	Age 60+	4	4	<b>100%</b>	4	<b>100%</b>
	<b>Totals &amp; Averages</b>	232	113	<b>49%</b>	158	<b>68%</b>
2010/2011	Under 18	13	8	<b>62%</b>	10	<b>77%</b>
	Age 18-22	98	59	<b>60%</b>	76	<b>78%</b>
	Age 23-28	31	23	<b>74%</b>	25	<b>81%</b>
	Age 29-39	35	14	<b>40%</b>	21	<b>60%</b>
	Age 40-49	15	7	<b>47%</b>	8	<b>53%</b>
	Age 50-59	6	1	<b>17%</b>	2	<b>33%</b>
	Age 60+	3	3	<b>100%</b>	3	<b>100%</b>
	<b>Totals &amp; Averages</b>	201	115	<b>57%</b>	145	<b>72%</b>
2011/2012	Under 18	32	18	<b>56%</b>	22	<b>69%</b>
	Age 18-22	152	76	<b>50%</b>	103	<b>68%</b>
	Age 23-28	53	14	<b>26%</b>	27	<b>51%</b>
	Age 29-39	35	11	<b>31%</b>	18	<b>51%</b>
	Age 40-49	27	9	<b>33%</b>	17	<b>63%</b>
	Age 50-59	16	12	<b>75%</b>	14	<b>88%</b>
	Age 60+	7	4	<b>57%</b>	6	<b>86%</b>
	<b>Totals &amp; Averages</b>	322	144	<b>45%</b>	207	<b>64%</b>
2012/2013	Under 18	41	26	<b>63%</b>	35	<b>85%</b>
	Age 18-22	64	36	<b>56%</b>	50	<b>78%</b>
	Age 23-28	42	28	<b>67%</b>	33	<b>79%</b>
	Age 29-39	38	24	<b>63%</b>	31	<b>82%</b>
	Age 40-49	21	12	<b>57%</b>	16	<b>76%</b>
	Age 50-59	8	4	<b>50%</b>	4	<b>50%</b>
	Age 60+	1	1	<b>100%</b>	1	<b>100%</b>

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
	<b>Totals &amp; Averages</b>	215	131	61%	170	79%
2013/2014	Under 18	46	44	96%	46	100%
	Age 18-22	142	85	60%	111	78%
	Age 23-28	82	48	59%	61	74%
	Age 29-39	57	27	47%	34	60%
	Age 40-49	24	12	50%	17	71%
	Age 50-59	7	2	29%	6	86%
	Age 60+	5	2	40%	4	80%
	<b>Totals &amp; Averages</b>	363	220	61%	279	77%

### Retention and Success by Enrollment Status

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2009/2010	Continuing Student	116	57	49%	77	66%
	Currently K-12	32	23	72%	32	100%
	First-Time Student	24	10	42%	16	67%
	First-Time Transfer Student	18	7	39%	9	50%
	Returning Student	23	8	35%	13	57%
	Returning Transfer Student	19	8	42%	11	58%
2010/2011	Continuing Student	133	81	61%	103	77%
	Currently K-12	12	7	58%	7	58%
	First-Time Student	3	3	100%	3	100%
	First-Time Transfer Student	29	16	55%	19	66%
	Returning Student	14	6	43%	9	64%
	Returning Transfer Student	10	2	20%	4	40%
2011/2012	Continuing Student	196	90	46%	121	62%
	Currently K-12	30	18	60%	22	73%
	First-Time Student	18	7	39%	11	61%
	First-Time Transfer Student	44	14	32%	34	77%
	Returning Student	17	7	41%	8	47%
	Returning Transfer Student	17	8	47%	11	65%
2012/2013	Continuing Student	117	74	63%	96	82%

		<b>Headcount</b>	<b>Success Count</b>	<b>Success Rate</b>	<b>Retention Count</b>	<b>Retention Rate</b>
	Currently K-12	42	25	<b>60%</b>	36	<b>86%</b>
	First-Time Student	9	6	<b>67%</b>	7	<b>78%</b>
	First-Time Transfer Student	18	11	<b>61%</b>	14	<b>78%</b>
	Returning Student	21	11	<b>52%</b>	12	<b>57%</b>
	Returning Transfer Student	8	4	<b>50%</b>	5	<b>63%</b>
2013/2014	Continuing Student	206	120	<b>58%</b>	145	<b>70%</b>
	Currently K-12	58	52	<b>90%</b>	54	<b>93%</b>
	First-Time Student	13	6	<b>46%</b>	13	<b>100%</b>
	First-Time Transfer Student	31	17	<b>55%</b>	26	<b>84%</b>
	Returning Student	21	10	<b>48%</b>	17	<b>81%</b>
	Returning Transfer Student	34	15	<b>44%</b>	24	<b>71%</b>

### **Retention and Success by Day or Evening**

		<b>Headcount</b>	<b>Success Count</b>	<b>Success Rate</b>	<b>Retention Count</b>	<b>Retention Rate</b>
2009/2010	Day	67	32	<b>48%</b>	41	<b>61%</b>
	Evening	165	81	<b>49%</b>	117	<b>71%</b>
2010/2011	Day	54	31	<b>57%</b>	42	<b>78%</b>
	Evening	147	84	<b>57%</b>	103	<b>70%</b>
2011/2012	Day	105	48	<b>46%</b>	64	<b>61%</b>
	Evening	217	96	<b>44%</b>	143	<b>66%</b>
2012/2013	Day	93	55	<b>59%</b>	78	<b>84%</b>
	Evening	122	76	<b>62%</b>	92	<b>75%</b>
2013/2014	Day	191	127	<b>66%</b>	154	<b>81%</b>
	Evening	172	93	<b>54%</b>	125	<b>73%</b>

**Retention and Success by Distance Ed Description**

		<b>Headcount</b>	<b>Success Count</b>	<b>Success Rate</b>	<b>Retention Count</b>	<b>Retention Rate</b>
2009/2010	Not Online	133	66	<b>50%</b>	90	<b>68%</b>
	Online	99	47	<b>47%</b>	68	<b>69%</b>
2010/2011	Not Online	121	72	<b>60%</b>	88	<b>73%</b>
	Online	80	43	<b>54%</b>	57	<b>71%</b>
2011/2012	Not Online	191	91	<b>48%</b>	128	<b>67%</b>
	Online	114	49	<b>43%</b>	71	<b>62%</b>
	Web Assisted	17	4	<b>24%</b>	8	<b>47%</b>
2012/2013	Hybrid	24	15	<b>63%</b>	20	<b>83%</b>
	Not Online	160	98	<b>61%</b>	126	<b>79%</b>
	Online	31	18	<b>58%</b>	24	<b>77%</b>
2013/2014	Not Online	221	130	<b>59%</b>	170	<b>77%</b>
	Online	123	71	<b>58%</b>	90	<b>73%</b>
	Web Assisted	19	19	<b>100%</b>	19	<b>100%</b>
<b>Total</b>		1,333	723	<b>54%</b>	959	<b>72%</b>

### Retention and Success by Basic Skills Classification

		<b>Headcount</b>	<b>Success Count</b>	<b>Success Rate</b>	<b>Retention Count</b>	<b>Retention Rate</b>
2009/2010	Non Basic SI	232	113	<b>49%</b>	158	<b>68%</b>
2010/2011	Non Basic SI	201	115	<b>57%</b>	145	<b>72%</b>
2011/2012	Non Basic SI	322	144	<b>45%</b>	207	<b>64%</b>
2012/2013	Non Basic SI	215	131	<b>61%</b>	170	<b>79%</b>
2013/2014	Non Basic SI	363	220	<b>61%</b>	279	<b>77%</b>
<b>Total</b>		1,333	723	<b>54%</b>	959	<b>72%</b>

### Retention and Success CTE

		<b>Headcount</b>	<b>Success Count</b>	<b>Success Rate</b>	<b>Retention Count</b>	<b>Retention Rate</b>
2009/2010	CTE	199	93	<b>47%</b>	134	<b>67%</b>
	Not CTE	33	20	<b>61%</b>	24	<b>73%</b>
2010/2011	CTE	160	86	<b>54%</b>	113	<b>71%</b>
	Not CTE	41	29	<b>71%</b>	32	<b>78%</b>
2011/2012	CTE	260	107	<b>41%</b>	154	<b>59%</b>
	Not CTE	62	37	<b>60%</b>	53	<b>85%</b>
2012/2013	CTE	125	74	<b>59%</b>	99	<b>79%</b>
	Not CTE	90	57	<b>63%</b>	71	<b>79%</b>
2013/2014	CTE	294	188	<b>64%</b>	230	<b>78%</b>
	Not CTE	69	32	<b>46%</b>	49	<b>71%</b>
<b>Total</b>		1,333	723	<b>54%</b>	959	<b>72%</b>



Retention and Success Transfer Level Courses

		<b>Headcount</b>	<b>Success Count</b>	<b>Success Rate</b>	<b>Retention Count</b>	<b>Retention Rate</b>
2009/2010	Transferable	232	113	<b>49%</b>	158	<b>68%</b>
2010/2011	Transferable	201	115	<b>57%</b>	145	<b>72%</b>
2011/2012	Transferable	322	144	<b>45%</b>	207	<b>64%</b>
2012/2013	Transferable	215	131	<b>61%</b>	170	<b>79%</b>
2013/2014	Transferable	363	220	<b>61%</b>	279	<b>77%</b>
<b>Total</b>		1,333	723	<b>54%</b>	959	<b>72%</b>

Grade Distribution (Overall)

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>F</b>	<b>Other</b>	<b>W</b>
Fall 2009	7	8	8		1	5	26
Fall 2010	9	4	9		2	9	27
Fall 2011	17	14	8		1	16	39
Fall 2012	16	9	13		5	3	17
Fall 2013	31	24	31		6	15	3
Spring 2010	17	4	7		2	7	31
Spring 2011	12	16	9			3	38
Spring 2012	13	21	6			16	50
Spring 2013	33	6	9			15	12
Spring 2014	53	16	18			27	4
Summer 2009	3	3	5		1	5	18
Summer 2010	6					1	
Summer 2011	2	2				2	
Summer 2012	13	9	5		1	9	12
Summer 2013	24	10	7			8	2
<b>Total</b>	256	146	135	19	141	262	374

Retention and Success by Course

				<b>Headcount</b>	<b>Success</b>	<b>Success Rate</b>	<b>Retention</b>	<b>Retention Rate</b>
Fall 2009	CIS	118	Intro to Object-Oriented Prgm	38	19	<b>50%</b>	24	<b>63%</b>
		119	Open Computer Lab	13	11	<b>85%</b>	13	<b>100%</b>
			Open Computer Lab I	25	9	<b>36%</b>	11	<b>44%</b>
		680CA	Internet Programming with Rut	12	5	<b>42%</b>	7	<b>58%</b>
Fall 2010	CIS	118	Intro to Object-Oriented Prgm	29	13	<b>45%</b>	23	<b>79%</b>
		119	Open Computer Lab I	29	13	<b>45%</b>	24	<b>83%</b>
		321	Programming for the iPhone	17	11	<b>65%</b>	13	<b>76%</b>
Fall 2011	CIS	118	Intro to Object-Oriented Prgm	51	24	<b>47%</b>	32	<b>63%</b>
		119	Open Computer Lab	17	4	<b>24%</b>	8	<b>47%</b>
			Open Computer Lab I	36	19	<b>53%</b>	28	<b>78%</b>
		321	Programming for the iPhone	25	12	<b>48%</b>	21	<b>84%</b>
		680CD	JavaScript for Web 2.0	9	6	<b>67%</b>	6	<b>67%</b>
Fall 2012	CIS	118	Intro to Object-Oriented Prgm	46	26	<b>57%</b>	34	<b>74%</b>
		321	iOS Programming	17	12	<b>71%</b>	12	<b>71%</b>
Fall 2013	CIS	118	Intro. to Computer Science	82	58	<b>71%</b>	73	<b>89%</b>
		250	Intro to Obj Ori Program.: C++	36	22	<b>61%</b>	24	<b>67%</b>
		321	iOS Programming	18	7	<b>39%</b>	13	<b>72%</b>
Spring 2010	CIS	118	Intro to Object-Oriented Prgm	19	6	<b>32%</b>	10	<b>53%</b>
		119	Open Computer Lab I	19	6	<b>32%</b>	10	<b>53%</b>
		250	Programming Methods I: C++	15	6	<b>40%</b>	11	<b>73%</b>
		251	Open Computer Lab I: C++	15	6	<b>40%</b>	12	<b>80%</b>
		252	Prog. Methods II: C++ - HONC	1				
		253	Open ComP. Lab II: C++	1				
		286	Prog. Methods II: Java - HONC	7	5	<b>71%</b>	5	<b>71%</b>
		287	Open ComP. Lab II: Java	7	5	<b>71%</b>	5	<b>71%</b>
		680CB	Programming for the iPhone	19	13	<b>68%</b>	15	<b>79%</b>
Spring 2011	CIS	118	Intro to Object-Oriented Prgm	26	12	<b>46%</b>	14	<b>54%</b>
		119	Open Computer Lab I	26	12	<b>46%</b>	14	<b>54%</b>
		250	Programming Methods I: C++	25	18	<b>72%</b>	19	<b>76%</b>
		251	Open Computer Lab I: C++	25	18	<b>72%</b>	19	<b>76%</b>
		321	Programming for the iPhone	16	12	<b>75%</b>	12	<b>75%</b>
Spring 2012	CIS	118	Intro to Object-Oriented Prgm	54	10	<b>19%</b>	23	<b>43%</b>
		119	Open Computer Lab	24	6	<b>25%</b>	11	<b>46%</b>

			<b>Headcount</b>	<b>Success</b>	<b>Success Rate</b>	<b>Retention</b>	<b>Retention Rate</b>	
		Open Computer Lab I	30	4	<b>13%</b>	12	<b>40%</b>	
	250	Programming Methods I: C++	24	20	<b>83%</b>	20	<b>83%</b>	
	251	Open Computer Lab I: C++	24	20	<b>83%</b>	20	<b>83%</b>	
	321	iOS Programming	22	15	<b>68%</b>	20	<b>91%</b>	
Spring 2013	CIS	118	Intro to Object-Oriented Prgm	20	12	<b>60%</b>	18	<b>90%</b>
		250	Programming Methods I: C++	13	9	<b>69%</b>	12	<b>92%</b>
		251	Open Computer Lab I: C++	13	9	<b>69%</b>	12	<b>92%</b>
		321	iOS Programming	28	14	<b>50%</b>	20	<b>71%</b>
		680CE	iOS Programming Laboratory	14	13	<b>93%</b>	13	<b>93%</b>
Spring 2014	CIS	118	Intro. to Computer Science	67	43	<b>64%</b>	51	<b>76%</b>
		242	Comp. Arch. & Assembly Lang	13	3	<b>23%</b>	7	<b>54%</b>
		250	Intro to Obj Ori Program.: C++	49	28	<b>57%</b>	36	<b>73%</b>
		321	iOS Programming	24	10	<b>42%</b>	17	<b>71%</b>
		695	Independent Study	7	7	<b>100%</b>	7	<b>100%</b>
Summer 2009	CIS	118	Intro to Object-Oriented Prgm	20	10	<b>50%</b>	16	<b>80%</b>
		119	Open Computer Lab	19	10	<b>53%</b>	17	<b>89%</b>
		695	Independent Study	2	2	<b>100%</b>	2	<b>100%</b>
Summer 20	CIS	680CC	World Building with Alice	8	6	<b>75%</b>	7	<b>88%</b>
Summer 20	CIS	680CC	World Building with Alice	6	4	<b>67%</b>	6	<b>100%</b>
Summer 2012	CIS	118	Intro to Object-Oriented Prgm	15	9	<b>60%</b>	11	<b>73%</b>
		119	Open Computer Lab I	18	9	<b>50%</b>	12	<b>67%</b>
		680CC	World Building with Alice	31	18	<b>58%</b>	26	<b>84%</b>
Summer 2013	CIS	118	Intro to Object-Oriented Prgm	60	37	<b>62%</b>	46	<b>77%</b>
		680CC	World Building with Alice	7	5	<b>71%</b>	5	<b>71%</b>

