

BOG Online Education Task Force Access Workgroup

Charge:

Access. The Plan should establish enrollment targets for 2025, along with strategies for reaching those targets. Separate enrollment targets should be established at the graduate and undergraduate levels.

Setting Enrollment Targets:

The task force recommends setting SUS enrollment targets for distance learning student credit hours as a percentage of total projected enrollment. Attached is a report prepared by the BOG office that shows three BOG projections, reference Attachment 1. The Low projection is one where the distance learning student credit hours grow at the same rate as overall enrollment after 2016-17. The Mid projection is one where the annual increase after 2016-17 is half of the 2010-14 trend for distance learning growth. The High projection is one where the annual increase after 2016-17 is based on the 2010-14 trend for distance learning growth. All three methods are driven by the total planned enrollments as reported in the 2015 University Work Plans. Also shown in the report is the historical and projected non-online SCH enrollment for each of the three projections. Note the impact that each of the scenarios has on the non-online SCH enrollment. The projected annual growth rates for Distance Learning are then applied to each university as a System total, reference Appendix A.

The task force recommends that the high projection be adopted as a system-wide goal. Each SUS institution will determine how it will contribute to the system goal.

Therefore, the recommendation is that enrollment targets for SUS distance learning student credit hours (both as a percentage and as actual SCHs) be set to the following from 2017-18 to 2024-25:

By percentage:

	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
Undergraduate	26%	28%	30%	32%	34%	36%	38%	40% ¹
Graduate	25%	27%	28%	29%	31%	32%	33%	34%

¹ (Minority recommendation): Using the undergraduate growth projection of 4.5% established for 2015-16 as a steady growth percentage, the overall percentage would reach 31.3% in 2024-25. For the overall percentage to reach 40%, the increase would need to be 8% per year after 2016-17 or double the rate that SUS are projecting for this time period. It is recommended a goal of 35-40% for undergraduate, and 30-34% for graduate growth be considered.

By actual SCHs:

	2017-18	2018-19	2019-2020	2020-21	2021-22	2022-23	2023-24	2024-25
Undergraduate (in millions of SCHs)	2.02	2.21	2.42	2.62	2.80	3.02	3.25	3.48
Graduate (in thousands of SCHs)	420	444	476	500	524	556	584	616

In order to meet these enrollment targets, enrollment in online courses will need to come from both “Place Bound²” students taking online courses as a complement to their FTF classes (ages 18-24) as well as from a separate, adult learner, degree completion market (ages 25-44).

The State Economic and Demographic Research Group projects continued population growth in the 18-24 year range and the 25-44 year range from 2020 – 2040. Therefore, a growth in overall SUS enrollment is supported by overall population growth in the two target segments. The Florida Population by Age Group produced by the State Economic and Demographic Research group is attached to this report, reference Attachment 2.

² Residential and commuter students for a particular campus

Reaching Enrollment Targets

For Fully Online Degree Programs:

1. Offer a broad range of fully online degree programs in most, if not all, CIP codes.

In order to meet enrollment targets as specified above, it is critical that students be able to enroll in a breadth of fully online degree programs across different disciplines. It is also important that degree programs which have been proposed as ones of strategic emphasis in the updated 2012-2025 SUS Strategic Plan be available fully online.

Appendix B lists all of the fully online degree programs offered in AY14-15 throughout the SUS by CIP code. CIP codes in red are those proposed as programs of strategic emphasis in the updated 2012-2025 SUS Strategic Plan. (See Methodology for Updating Programs of Strategic Emphasis in the State University System of Florida Board of Governors, 2012-2025 Strategic Plan).

The task force recommends that a workgroup be appointed to look at the current offerings of fully online degree programs by CIP codes and make recommendations on how gaps in providing access to a broad range of degree programs can be addressed. The observations and recommendations of the Task Force, organized by CIP code, on providing access to a broad range of degree programs are contained in Appendix C.

2. Increase collaboration between SUS institutions and Florida State Colleges.

Today, all undergraduate general education courses required for most degree programs, are offered fully online by several SUS institutions. Students can also satisfy their general education course requirements with a fully online AA degree available currently through the state college system.

Collaboration between the SUS and Florida State Colleges in offering fully online undergraduate degrees is encouraged. Strategic collaborations are necessary to meet the statewide goals for online SCHs. In one such 2+2 collaboration, students would receive their fully online AA degree and potential prerequisite courses from the state college and then would be guaranteed admission to a set of fully online or FTF degree programs offered by that SUS institution.

3. Provide a state-wide marketing campaign to build awareness for Fully Online Degree Programs offered throughout the state by the SUS and the Florida College System.
4. Retain Fully Online Degree students by implementing best practice strategies such as Success Coaches, analytics, and early alert interventions.
5. Provide equivalent services to fully online students.

6. Meet the desires of online students to get started quickly on their degrees and to finish them in a timely manner by offering multiple, accelerated terms within the Student Information System.

For both fully online degree programs as well as online courses for “Place Bound” students:

1. Ensure the availability of qualified faculty to teach the necessary online courses to meet enrollment targets by implementing faculty development programs.
2. Reduce costs and improve learning outcomes through such strategies as the following: the use of Adaptive Learning Platforms to develop adaptive learning courses³; develop competency based courses; offer larger class sizes by providing academic coaches; use Master Courses to reduce duplicative development of online courses, and collaborate with other SUS's to increase number of seats.

Funding Requirements

1. Funding for designing, developing, and delivering the courses required to meet the projected enrollment could be provided by the distance learning fee for those universities who charge this fee. Other funding sources would be required for universities who do not charge a distance learning fee or charge only a minimal fee that does not cover the full cost of designing, developing, and delivering required online courses.
2. Marketing and recruiting costs to drive enrollment into fully online degree programs would need to be funded.
3. Instructional costs for online growth would need to be funded.
4. A process for identifying one or more SUS institutions to design, develop, and deliver, either individually or in collaboration with each other; needed fully online degree programs should be created and incentives for SUS institutions' participation provided.
5. The Innovation and Online Committee is in the process of selecting one LMS that all SUS will be encouraged to adopt. Funding needs to be provided to those universities who are currently using a different LMS and opt to convert to the one selected by the Innovation and Online Committee.
6. Provide incentive funding for implementing innovations (i.e., adaptive learning, highly interactive) that lower costs and/or improve learning outcomes.

³ Adaptive learning is an educational method which uses computers as interactive teaching devices, and orchestrates the allocation of human and mediated resources according to the unique needs of each learner.

Changes to statutes, regulations, and established processes:

1. Consider requiring students to take at least 9 credit hours online.
2. Remove the restriction on the number of non-resident students who are admitted to fully online degree programs.

Other Issues that need to be addressed

1. Are we providing access to fully online degree programs disproportionately to low socio-economic groups?

Task Force on Strategic Planning for Online Education

Access Workgroup

DRAFT 5-12-2015

Enrollment Target

The Workgroup has discussed using Student Credit Hours (SCH) to establish a goal for enrollments in distance learning (DL) courses. To assist in that discussion, three methodologies have been modeled to provide a spread of possible out-year goals based on different assumptions.

METHODS	DESCRIPTION OF BOG PROJECTIONS
LOW	Distance Learning Student Credit Hours grow at the same rate as overall enrollment after 2016-17.
MID	Annual increase after 2016-17 is half of the 2010-14 trend for distance learning growth [Undergrad = 1.0%; Graduate = 0.67%].
HIGH	Annual increase after 2016-17 is based on the 2010-14 trend for distance learning growth [Undergrad = 2.0%; Graduate = 1.3%].
NOTES	All three methods are driven by the total planned enrollments as reported in the 2015 University Work Plans - this explains the FTE enrollment increase after 2016-17 for the 'LOW' models. The projected annual growth rates for Distance Learning are then applied to each university and summed as a System total.

- A simple metric would be to track the percentage of all student credit hours that are delivered via Online Education.

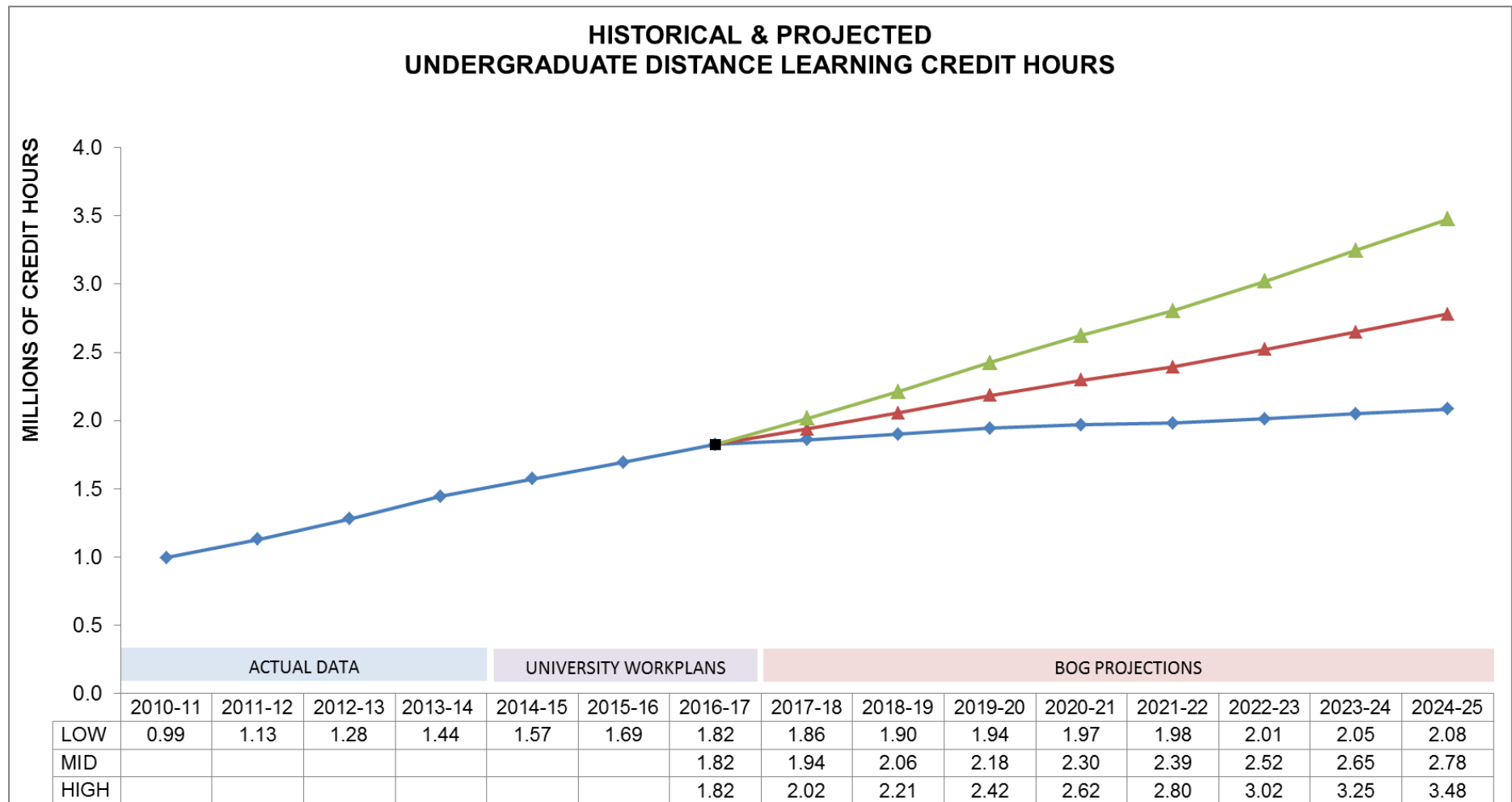
METHODS	DL ANNUAL GROWTH (beyond overall growth)	ACTUAL DATA				UNIVERSITY WORKPLANS			BOG PROJECTIONS							
		2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
UNDERGRADUATE																
LOW	0%	14%	16%	18%	20%	22%	23%	24%	24%	24%	24%	24%	24%	24%	24%	24%
MID	1.0%	.	.	.	.	.	.	.	25%	26%	27%	28%	29%	30%	31%	32%
HIGH	2.0%	.	.	.	.	.	.	.	26%	28%	30%	32%	34%	36%	38%	40%
GRADUATE																
LOW	0%	14%	14%	18%	18%	20%	22%	24%	24%	24%	24%	24%	24%	24%	24%	24%
MID	0.67%	25%	25%	26%	27%	27%	28%	29%	29%
HIGH	1.3%	25%	27%	28%	29%	31%	32%	33%	34%

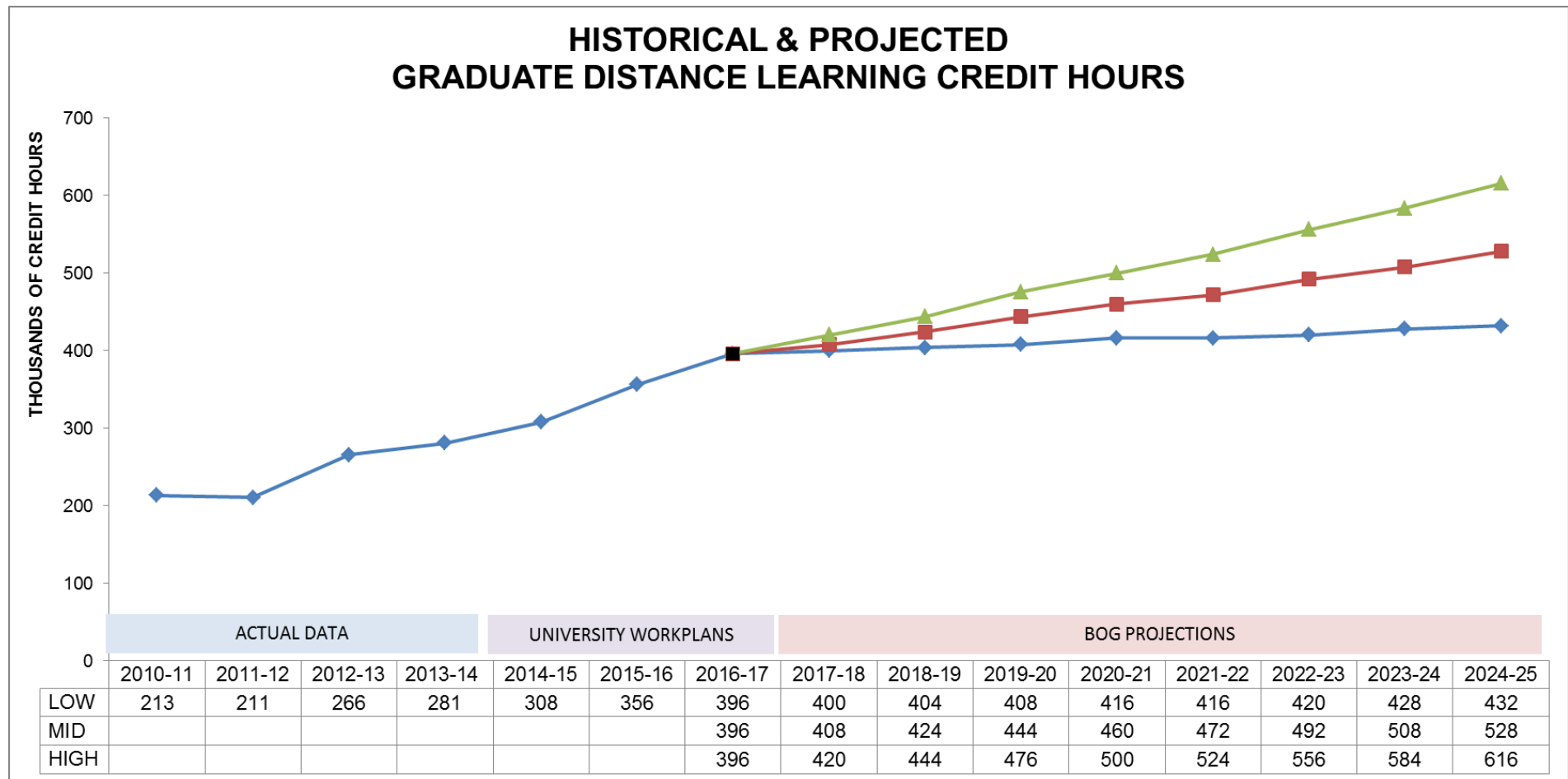
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Access Workgroup

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- Another possible metric is focused on the actual number of Student Credit Hours that are delivered via Online Education.

METHODS	ANNUAL GROWTH	ACTUAL DATA				UNIVERSITY WORKPLANS			BOG PROJECTIONS							
		2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
UNDERGRADUATE (Millions of SCH)																
LOW	0%	0.99	1.13	1.28	1.44	1.57	1.69	1.82	1.86	1.90	1.94	1.97	1.98	2.01	2.05	2.08
MID	1.0%	.	.	.	.	.	.	1.82	1.94	2.06	2.18	2.30	2.39	2.52	2.65	2.78
HIGH	2.0%	.	.	.	.	.	.	1.82	2.02	2.21	2.42	2.62	2.80	3.02	3.25	3.48
GRADUATE (Thousands of SCH)																
LOW	0%	213	211	266	281	308	356	396	400	404	408	416	416	420	428	432
MID	0.67%	.	.	.	.	.	.	396	408	424	444	460	472	492	508	528
HIGH	1.3%	.	.	.	.	.	.	396	420	444	476	500	524	556	584	616

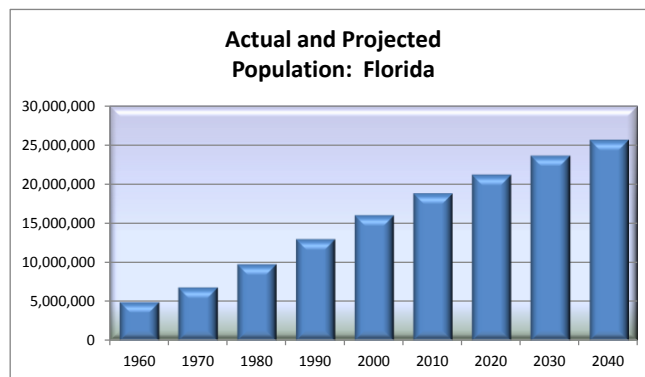




Attachment 2

FLORIDA POPULATION BY AGE GROUP

Age Group	1960 Census	1970 Census	1980 Census	1990 Census	2000 Census	2010 Census	2020 Projected	2030 Projected	2040 Projected
0-4	542,221	501,172	570,247	873,033	945,853	1,073,506	1,169,790	1,291,884	1,371,016
5-9	490,152	605,715	621,565	809,316	1,031,748	1,080,255	1,152,095	1,298,934	1,404,430
10-14	434,842	643,011	685,048	746,353	1,057,055	1,130,847	1,232,746	1,308,786	1,430,201
15-17	214,279	359,229	482,909	455,165	611,794	717,483	745,813	775,656	864,095
5-17	1,139,273	1,607,955	1,789,522	2,010,834	2,700,597	2,928,585	3,130,654	3,383,376	3,698,726
18-19	123,403	217,541	328,473	348,626	402,302	510,899	524,754	545,907	606,383
20-24	296,631	496,521	811,469	878,855	928,334	1,228,758	1,288,034	1,416,318	1,482,906
18-24	420,034	714,062	1,139,942	1,227,481	1,330,636	1,739,657	1,812,788	1,962,225	2,089,289
25-29	296,161	403,103	739,949	1,055,088	995,394	1,179,227	1,367,759	1,428,970	1,472,243
30-34	326,983	358,666	671,630	1,062,270	1,088,782	1,110,318	1,353,403	1,441,020	1,568,066
35-39	338,734	355,416	554,259	951,471	1,261,083	1,178,467	1,302,611	1,533,336	1,589,756
40-44	313,468	391,458	484,550	851,931	1,224,256	1,252,787	1,207,110	1,476,938	1,569,976
25-44	1,275,346	1,508,643	2,450,388	3,920,760	4,569,515	4,720,799	5,230,883	5,880,264	6,200,041
45-49	293,431	394,448	471,308	690,766	1,085,434	1,401,202	1,249,299	1,387,263	1,627,905
50-54	262,798	367,550	517,915	591,856	984,102	1,340,291	1,309,220	1,269,240	1,542,068
55-59	240,928	347,341	555,238	586,879	821,531	1,202,418	1,481,073	1,328,848	1,467,693
60-64	222,411	358,917	564,696	680,524	737,506	1,135,250	1,456,751	1,435,621	1,377,781
45-64	1,019,568	1,468,256	2,109,157	2,550,025	3,628,573	5,079,161	5,496,343	5,420,972	6,015,447
65-69	224,162	357,541	579,058	737,123	727,505	959,233	1,305,062	1,630,006	1,447,737
70-74	165,552	289,140	480,167	627,705	724,697	768,707	1,129,406	1,465,192	1,439,404
75-79	96,677	188,217	329,229	483,538	616,703	615,514	828,115	1,139,225	1,421,578
80-84	44,452	96,896	181,878	302,103	407,444	482,023	507,945	760,926	986,754
85 and up	24,275	57,565	117,373	205,469	331,301	434,125	538,711	674,902	933,585
65 and up	555,118	989,359	1,687,705	2,355,938	2,807,650	3,259,602	4,309,239	5,670,251	6,229,058
TOTAL	4,951,560	6,789,447	9,746,961	12,938,071	15,982,824	18,801,310	21,149,697	23,608,972	25,603,577



Source: Florida Demographic Estimating Conference, February 2014 and the University of Florida, Bureau of Economic and Business Research, Florida Population Studies, Bulletin 169, June 2014

Attachment 2

FLORIDA POPULATION -- NUMERIC CHANGE

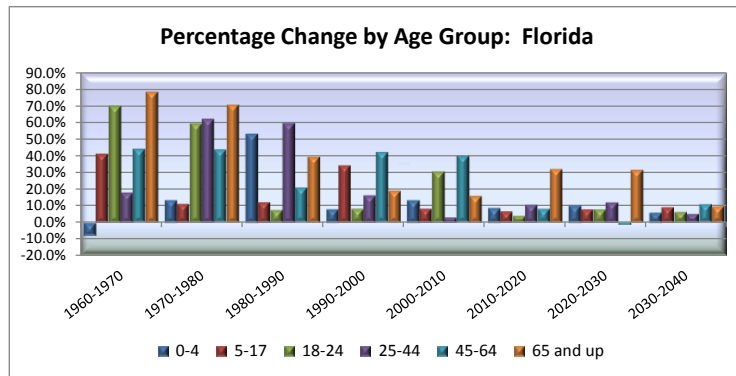
	<u>1960-1970</u>	<u>1970-1980</u>	<u>1980-1990</u>	<u>1990-2000</u>	<u>2000-2010</u>	<u>2010-2020</u>	<u>2020-2030</u>	<u>2030-2040</u>
0-4	-41,049	69,075	302,786	72,820	127,653	96,284	122,094	79,132
5-9	115,563	15,850	187,751	222,432	48,507	71,840	146,839	105,496
10-14	208,169	42,037	61,305	310,702	73,792	101,899	76,040	121,415
15-17	144,950	123,680	-27,744	156,629	105,689	28,330	29,843	88,439
5-17	468,682	181,567	221,312	689,763	227,988	202,069	252,722	315,350
18-19	94,138	110,932	20,153	53,676	108,597	13,855	21,153	60,476
20-24	199,890	314,948	67,386	49,479	300,424	59,276	128,284	66,588
18-24	294,028	425,880	87,539	103,155	409,021	73,131	149,437	127,064
25-29	106,942	336,846	315,139	-59,694	183,833	188,532	61,211	43,273
30-34	31,683	312,964	390,640	26,512	21,536	243,085	87,617	127,046
35-39	16,682	198,843	397,212	309,612	-82,616	124,144	230,725	56,420
40-44	77,990	93,092	367,381	372,325	28,531	-45,677	269,828	93,038
25-44	233,297	941,745	1,470,372	648,755	151,284	510,084	649,381	319,777
45-49	101,017	76,860	219,458	394,668	315,768	-151,903	137,964	240,642
50-54	104,752	150,365	73,941	392,246	356,189	-31,071	-39,980	272,828
55-59	106,413	207,897	31,641	234,652	380,887	278,655	-152,225	138,845
60-64	136,506	205,779	115,828	56,982	397,744	321,501	-21,130	-57,840
45-64	448,688	640,901	440,868	1,078,548	1,450,588	417,182	-75,371	594,475
65-69	133,379	221,517	158,065	-9,618	231,728	345,829	324,944	-182,269
70-74	123,588	191,027	147,538	96,992	44,010	360,699	335,786	-25,788
75-79	91,540	141,012	154,309	133,165	-1,189	212,601	311,110	282,353
80-84	52,444	84,982	120,225	105,341	74,579	25,922	252,981	225,828
85 and up	33,290	59,808	88,096	125,832	102,824	104,586	136,191	258,683
65 and up	434,241	698,346	668,233	451,712	451,952	1,049,637	1,361,012	558,807
TOTAL	1,837,887	2,957,514	3,191,110	3,044,753	2,818,486	2,348,387	2,459,275	1,994,605

Source: Florida Demographic Estimating Conference, February 2014 and the University of Florida, Bureau of Economic and Business Research, Florida Population Studies, Bulletin 169, June 2014

Attachment 2

FLORIDA POPULATION -- PERCENTAGE CHANGE

	<u>1960-1970</u>	<u>1970-1980</u>	<u>1980-1990</u>	<u>1990-2000</u>	<u>2000-2010</u>	<u>2010-2020</u>	<u>2020-2030</u>	<u>2030-2040</u>
0-4	-7.6%	13.8%	53.1%	8.3%	13.5%	9.0%	10.4%	6.1%
5-9	23.6%	2.6%	30.2%	27.5%	4.7%	6.7%	12.7%	8.1%
10-14	47.9%	6.5%	8.9%	41.6%	7.0%	9.0%	6.2%	9.3%
15-17	67.6%	34.4%	-5.7%	34.4%	17.3%	3.9%	4.0%	11.4%
5-17	41.1%	11.3%	12.4%	34.3%	8.4%	6.9%	8.1%	9.3%
18-19	76.3%	51.0%	6.1%	15.4%	27.0%	2.7%	4.0%	11.1%
20-24	67.4%	63.4%	8.3%	5.6%	32.4%	4.8%	10.0%	4.7%
18-24	70.0%	59.6%	7.7%	8.4%	30.7%	4.2%	8.2%	6.5%
25-29	36.1%	83.6%	42.6%	-5.7%	18.5%	16.0%	4.5%	3.0%
30-34	9.7%	87.3%	58.2%	2.5%	2.0%	21.9%	6.5%	8.8%
35-39	4.9%	55.9%	71.7%	32.5%	-6.6%	10.5%	17.7%	3.7%
40-44	24.9%	23.8%	75.8%	43.7%	2.3%	-3.6%	22.4%	6.3%
25-44	18.3%	62.4%	60.0%	16.5%	3.3%	10.8%	12.4%	5.4%
45-49	34.4%	19.5%	46.6%	57.1%	29.1%	-10.8%	11.0%	17.3%
50-54	39.9%	40.9%	14.3%	66.3%	36.2%	-2.3%	-3.1%	21.5%
55-59	44.2%	59.9%	5.7%	40.0%	46.4%	23.2%	-10.3%	10.4%
60-64	61.4%	57.3%	20.5%	8.4%	53.9%	28.3%	-1.5%	-4.0%
45-64	44.0%	43.7%	20.9%	42.3%	40.0%	8.2%	-1.4%	11.0%
65-69	59.5%	62.0%	27.3%	-1.3%	31.9%	36.1%	24.9%	-11.2%
70-74	74.7%	66.1%	30.7%	15.5%	6.1%	46.9%	29.7%	-1.8%
75-79	94.7%	74.9%	46.9%	27.5%	-0.2%	34.5%	37.6%	24.8%
80-84	118.0%	87.7%	66.1%	34.9%	18.3%	5.4%	49.8%	29.7%
85 and up	137.1%	103.9%	75.1%	61.2%	31.0%	24.1%	25.3%	38.3%
65 and up	78.2%	70.6%	39.6%	19.2%	16.1%	32.2%	31.6%	9.9%
TOTAL	37.1%	43.6%	32.7%	23.5%	17.6%	12.5%	11.6%	8.4%

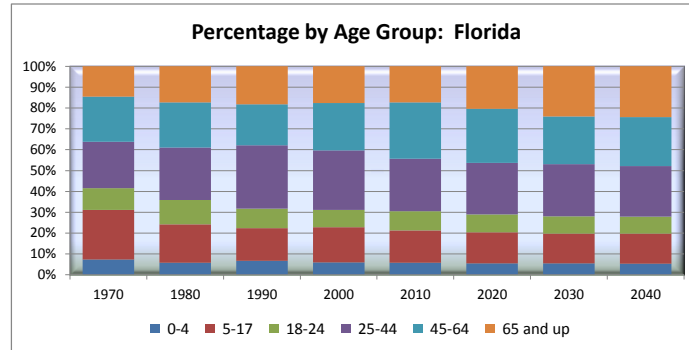


Source: Florida Demographic Estimating Conference, February 2014 and the University of Florida, Bureau of Economic and Business Research, Florida Population Studies, Bulletin 169, June 2014

Attachment 2

FLORIDA POPULATION -- PERCENTAGE DISTRIBUTION

Age Group	1970 Census	1980 Census	1990 Census	2000 Census	2010 Census	2020 Projected	2030 Projected	2040 Projected
0-4	7.4%	5.9%	6.7%	5.9%	5.7%	5.5%	5.5%	5.4%
5-9	8.9%	6.4%	6.3%	6.5%	5.7%	5.4%	5.5%	5.5%
10-14	9.5%	7.0%	5.8%	6.6%	6.0%	5.8%	5.5%	5.6%
15-17	5.3%	5.0%	3.5%	3.8%	3.8%	3.5%	3.3%	3.4%
5-17	23.7%	18.4%	15.5%	16.9%	15.6%	14.8%	14.3%	14.4%
18-19	3.2%	3.4%	2.7%	2.5%	2.7%	2.5%	2.3%	2.4%
20-24	7.3%	8.3%	6.8%	5.8%	6.5%	6.1%	6.0%	5.8%
18-24	10.5%	11.7%	9.5%	8.3%	9.3%	8.6%	8.3%	8.2%
25-29	5.9%	7.6%	8.2%	6.2%	6.3%	6.5%	6.1%	5.8%
30-34	5.3%	6.9%	8.2%	6.8%	5.9%	6.4%	6.1%	6.1%
35-39	5.2%	5.7%	7.4%	7.9%	6.3%	6.2%	6.5%	6.2%
40-44	5.8%	5.0%	6.6%	7.7%	6.7%	5.7%	6.3%	6.1%
25-44	22.2%	25.1%	30.3%	28.6%	25.1%	24.7%	24.9%	24.2%
45-49	5.8%	4.8%	5.3%	6.8%	7.5%	5.9%	5.9%	6.4%
50-54	5.4%	5.3%	4.6%	6.2%	7.1%	6.2%	5.4%	6.0%
55-59	5.1%	5.7%	4.5%	5.1%	6.4%	7.0%	5.6%	5.7%
60-64	5.3%	5.8%	5.3%	4.6%	6.0%	6.9%	6.1%	5.4%
45-64	21.6%	21.6%	19.7%	22.7%	27.0%	26.0%	23.0%	23.5%
65-69	5.3%	5.9%	5.7%	4.6%	5.1%	6.2%	6.9%	5.7%
70-74	4.3%	4.9%	4.9%	4.5%	4.1%	5.3%	6.2%	5.6%
75-79	2.8%	3.4%	3.7%	3.9%	3.3%	3.9%	4.8%	5.6%
80-84	1.4%	1.9%	2.3%	2.5%	2.6%	2.4%	3.2%	3.9%
85 and up	0.8%	1.2%	1.6%	2.1%	2.3%	2.5%	2.9%	3.6%
65 and up	14.6%	17.3%	18.2%	17.6%	17.3%	20.4%	24.0%	24.3%
TOTAL	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

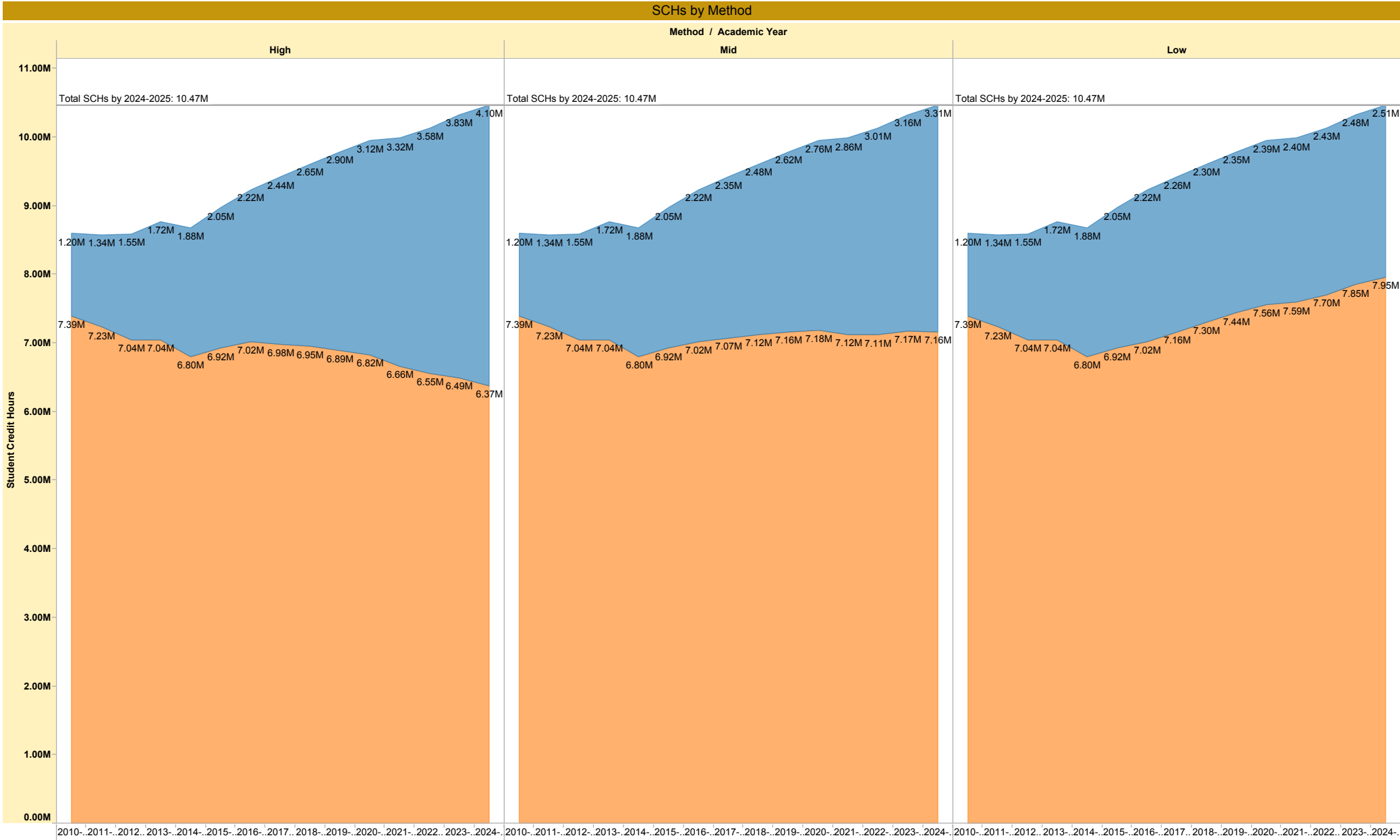


Source: Florida Demographic Estimating Conference, February 2014 and the University of Florida, Bureau of Economic and Business Research, Florida Population Studies, Bulletin 169, June 2014

Appendix A

Mode
Online
Traditional

Method
All



Appendix B

The information on this document has been submitted to the FL Board of Governors by the Task Force on Strategic Planning for Online Education based on information submitted by SUS.

In this Appendix are listed all of the academic degree programs currently being offered (AY2014-15) as fully online and the SUS institution offering the program.

An essential component of the 2012-2025 Strategic Plan Alignment initiative is the need to update the current State University System list of Programs of Strategic Emphasis. Academic programs that have been proposed to be programs of strategic emphasis in the 2012-2025 Strategic Plan are noted in red. Some, but not all of these programs, are currently available fully online.

Two-digit CIP code	Six-digit CIP code	Program Name	SUS offering Program fully online
01		AGRICULTURE, AGRICULTURE OPERATIONS, AND RELATED SCIENCES	
	01.00	Agriculture, General	
	01.09	Animal Sciences	
	01.10	Food Science and Technology	
	01.1102	Plant Sciences	MS – UF
	01.1201	Soil Sciences	MS – UF
03		NATURAL RESOURCES AND CONSERVATION (ALL)	
	03.0103	Sustainability and the Environment	BA – FIU
	03.0301	Fisheries and Aquatic Sciences	MFAS – UF
	03.0501	Forest Resources and Conservation	MS – UF
04		ARCHITECTURE AND RELATED SERVICES	
	04.0201	Architecture	
	04.0301	Urban and Regional Planning	MURP – UF
	04.0401	Environmental Design/Architecture	
	04.0601	Landscape Architecture	
05		AREA, ETHNIC, CULTURAL, GENDER, AND GROUP STUDIES	
	05.0103	Asian Studies/Civilization	
	05.0105	Russian, Central European, East European and Eurasian Studies	
	05.0107	Latin American Studies	BA – UCF
	05.0108	Near and Middle Eastern Studies	
	05.0124	French Studies	

	05.0126	Italian Studies	
	05.0134	Latin and American Caribbean Studies	
	05.0201	African-American/Black Studies	
09		COMMUNICATION, JOURNALISM, AND RELATED PROGRAMS	
	09.0100	Communications General	
	09.0101	Communications Arts	BA – FIU BA – UCF
	09.0102	Mass Communications	MS – FIU MAMC – UF
	09.0499	Digital Journalism and Design	
	09.0701	Telecommunication	BS – UF
	09.0702	Digital Communications and Media/Multimedia	
	09.0900	Public Relations, Advertising, and Applied Communications	
	09.0902	Public Relations/Image Management	
11		COMPUTER AND INFORMATION SCIENCES AND SUPPORT SERVICES (ALL)	
	11.0101	Computer Science	BA – FSU BS – UF MS – UWF
	11.0103	Information Technology	BS – UWF BS – USF MS – FSU MS – USF
	11.0199	Digital Forensics	MS – UCF
	11.0401	Information Studies	BS – USF MS – USF
	11.0501	Management Information Systems	MS – USF
13		EDUCATION	
	13.0101	Education, General	MA – UCF
	13.0301	Curriculum and Instruction	MS – FIU Master - FSU Master – FGCU M.Ed. – UF M.Ed. – USF Ed.D. – UWF M.Ed. – UWF Doctorate – USF
	13.0401	Educational Leadership	Master - FSU M.Ed. – UF Master – UNF M.Ed. – UWF

			MA – UCF
	13.0501	Educational/Instructional Technology	MS – FSU M.Ed. – UWF MA – UCF
	13.0701	International and Comparative Education	
	13.0901	Master of Education in Social Foundations of Education	Master – FAU
	13.1001	Special Education	BA – UWF M.Ed. – UF Master – FGCU MS – FIU Master – UNF MA – USF MA – UWF M.Ed. – UCF
	13.1004	Special Education	MA – USF
	13.1013	Autism Spectrum Disorder and Severe Intellectual Disabilities	MA – USF
	13.11	Student Counseling and Personnel Services	
	13.1201	Adult Education	MA – USF
	13.1210	Early Childhood Education	BS - FIU
	13.1301	Agricultural Education and Communication	MS – UF
	13.1302	Art Education	MA – UF
	13.1312	Music Education	MM – UF MA – USF MS – FIU
	13.1314	Physical Education	MA – USF
	13.1315	Reading Language and Literacy	M.Ed. – UF MA – USF M.Ed. – UWF
	13.1320	Career and Technical Education	BS – UWF BS – UCF MA – USF MA - UCF
	13.14	Teaching English or French as a Second Language	
14		ENGINEERING (ALL)	
	14.0101	Electrical Engineering Professional	Master – USF
	14.0201	Aerospace Engineering	M.E- UF M.S. – UF MSAE – UCF
	14.0801	Civil Engineering	MS – UF MS/MSCE – UCF

	14.0901	Computer Engineering	MS - FIU MS – UF
	14.1001	Electrical & Computer Engineering	M.E – UF M.S. – UF
	14.1401	Environmental Engineering	M.E – UF M.S. – UF MSVE/MS – UCF
	14.1801	Materials Science and Engineering	M.E. – UF M.S. – UF MSMS – UCF
	14.1901	Mechanical Engineering	MS – UF MSME – UCF
	14.2701	Industrial and Systems Engineering	MS – UF ME – UF
	14.3501	Engineering Management	Master – FSU MSIE/MS – UCF
	14.3502	Engineering Management	MS – FIU
15		ENGINEERING TECHNOLOGIES AND ENGINEERING-RELATED FIELDS (ALL)	
	15.0000	Engineering Technology General	BS – UWF
	15.1001	Construction Management	MS - FIU
	15.1005	International Construction Management	MS – UF
	15.1501	Engineering Management	MS – USF
16		FOREIGN LANGUAGES, LITERATURES, AND LINGUISTICS	
	16.0101	Foreign Languages and Literatures, General	
	16.0102	Linguistics	
	16.0399	East Asian Languages, Literatures, and Linguistics, Other	
	16.0400	Slavic Languages, Literatures and Linguistics	
	16.0402	Russian Language and Literature	
	16.0501	German Language and Literature	
	16.0901	French Language and Literature	
	16.092	Italian Language and Literature	
	16.094	Portuguese Language and Literature	
	16.0905	Spanish Language and Literature	
19		FAMILY AND CONSUMER SCIENCES/HUMAN SCIENCES	
	19.0707	Family, Youth, and Community Service	MS – UF
22		LEGAL PROFESSIONS AND STUDIES	
	22.0210	International Business, Trade, and Tax Law	
	22.0302	Legal Studies	BS – FGCU

23		ENGLISH LANGUAGE AND LITERATURES/LETTERS	
	23.0101	English Language and Literature, General	BA – UCF MA – UWF MA – UCF
24		LIBERAL ARTS AND SCIENCES, GENERAL STUDIES AND HUMANITIES	
	24.0102	Applied Sciences	BS – USF BAS – UCF
	24.0106	General Studies	BS – USF
25		LIBRARY SCIENCE	
	25.0101	Library Science	Master – FSU MA – USF
26		BIOLOGICAL AND BIOMEDICAL SCIENCES (ALL)	
	26.0101	Biology	BA – UF
	26.0503	Microbiology and Cell Science	MS – UF
	26.0702	Entomology and Nematology	MS – UF
	26.0908	Applied Physiology and Kinesiology	BS – UF
	26.9999	Medical Sciences	MS – UF MS – USF
27		MATHEMATICS AND STATISTICS (ALL)	
	27.0101	Mathematics, General	MS – UWF
30	30.0000	Interdisciplinary Studies	BA – UCF BS – UCF
	30.01	Biological and Physical Sciences	
	30.06	Systems Science and Theory	
	30.08	Mathematics and Computer Science	
	30.10	Biopsychology	
	30.1101	Gerontology	
	30.15	Science, Technology, and Society	
	30.16	Accounting and Computer Science	
	30.17	Behavioral Sciences	
	30.18	Natural Sciences	
	30.19	Nutrition Sciences	
	30.2001	International and Global Studies	BA – UCF
	30.25	Cognitive Sciences	
	30.31	Human Computer Interaction	
	30.32	Marine Sciences	
	30.33	Sustainability Studies	
	30.3301	Global Sustainability	MA – USF
	30.9999	Interdisciplinary Studies	BA - FIU BS – UF
31		PARKS, RECREATION, LEISURE, AND FITNESS STUDIES	

	31.0301	Recreation and Sports Management	BS - FIU
	31.0504	Sports Management	MS – UF BS – UF
	31.0505	Kinesiology and Exercise Science	MS – FAU
38		PHILOSOPHY AND RELIGIOUS STUDIES	
	38.0201	Religious Studies	BA – FIU BA – UCF
40		PHYSICAL SCIENCES (ALL)	
	40.0601	Geology	BA – UF
42		PSYCHOLOGY	
	42.0101	Psychology	BA – FIU BA – UF BS – UCF
	42.2706	Physiological Psychology/Psychobiology	
	42.2806	Educational Psychology	Master – FSU
43		HOMELAND SECURITY, LAW ENFORCEMENT, FIREFIGHTING AND RELATED PROTECTIVE SERVICES	
	43.0103	Criminal Justice Administration	
	43.0104	Criminal Justice	BS – FIU BA – FAU BS – FGCU BS – FSU BA – UCF BS – UCF MS – UCF MS - FIU Master – FSU
	43.0106	Forensic Science and Technology	MS – UCF
	43.0107	Public Safety and Security	Bachelor – FSU
	43.0111	Criminalistics and Criminal Science	
	43.0116	Cyber/Computer Forensics and Counterterrorism	
	43.0203	Fire and Emergency Services	BS - UF MFES – UF
	43.0303	Cybersecurity	MS – USF
	43.9999	Public Safety	Bachelor – FAU
44		PUBLIC ADMINISTRATION AND SOCIAL SERVICE PROFESSIONS	
	44.0000	Child and Adolescent Behavioral Health	MS – USF
	44.0401	Public Administration	Bachelor FIU Bachelor – FAU Master – FGCU

			Master – USF MPA – FIU
	44.0701	Social Work	MSW – UCF
	44.9999	Research Administration	MS – UCF
45		SOCIAL SCIENCES	
	45.0101	Social Science	BA – UWF
	45.1001	Political Science and Governmental, General	BA – UCF MA – UWF
	45.0201	Anthropology	BA – UF BA – UCF
	45.0401	Criminology and Law	BA – UF BA – USF
	45.0701	Geography	BA – UF
	45.0702	Geographical Information Science and Cartography	
	45.0901	International Relations and Affairs	
	45.1101	Sociology	BA – UF BA – UCF
	45.9999	Social Sciences, other	BA – UWF
50		VISUAL AND PERFORMING ARTS	
	50.0102	Digital Media	BA – UF
	50.0401	Design and Visual Communications, General	
	50.0404	Industrial and Product Design	
	50.0409	Graphics Design	
	50.0799	Arts in Medicine	MA – UF
51		HEALTH PROFESSIONS AND RELATED PROGRAMS	
	51.0000	Health Sciences	BS – FGCU BS – UWF MS – UCF MS – FGCU
	51.0201	Communication Sciences and Disorders	
	51.0202	Audiology	Doctorate – UF
	51.0204	Communication Science and Disorders	BHS – UF Master – FSU
	51.0701	Health Service Administration	Bachelor – FIU BS – UCF
	51.0706	Health Care Informatics	MS – UCF
	51.2099	Pharmaceutical Sciences	MS – UF
	51.2201	Public Health	MPH – FAMU MPH – UF Master –USF MPH – UWF
	51.2208	Health Education and Behavior	BS – UF

	51.2306	Occupational Therapy	
	51.2501	Veterinary Medical Services	MS – UF
	51.2706	Health Informatics	MS – USF
	51.3101	Nutrition and Dietetics	MS – UNF
	51.3801	Nursing	BS FAU BS – UNF BS – USF BS – UWF BSN – UCF Master – FSU MS – FAU MS – UWF MSN – UCF BS – FIU
	51.3808	Nursing	Doctoral – UCF
	51.3818	Nursing	DNP – UNF DNP – UCF DNP - FIU
52		BUSINESS, MANAGEMENT, MARKETING, AND RELATED SUPPORT SERVICES	
	52.0101	Business Administration	MBA – FSU
	52.0201	Management	BBA - FIU BBA – FAU BS – UF MBA – FAU MS – UF MBA – FGCU CMBA – FIU HCMBA – FIU
	52.0206	Non-Profit/Public/Organizational Management	MSA – UWF MNM – UCF
	52.0301	Accounting	BBA – FAU Master – FAU
	52.0304	Accounting and Finance	
	52.0305	Accounting and Business/Management	
	52.0801	Finance	BBA - FIU
	52.0803	Banking and Financial Support Services	
	52.0901	Hospitality and Tourism Management	BBA – FIU MS – FIU Executive MS – FIU MS – UCF

	52.1001	Human Resource Management	BBA – FIU MS – FIU
	52.1101	International Business	BBA – FIU MIB – FIU
	52.1201	Management Information Systems, General	Master – FSU
	52.1301	Management Science	
	52.1304	Actuarial Science	
	52.1401	Marketing	BBA – FIU BBA – FAU
	52.1502	International Real Estate	MS – FIU
	52.1601	Taxation	Master – FAU
	52.1701	Insurance	Master – FSU
54	54.0101	History	BA – UCF

Appendix C

This Appendix contains the observations and recommendations of task force members on the offering of fully online degree programs throughout the SUS. These observations and recommendations are organized by CIP code.

01 – Agriculture, Agriculture Operations, and Related Sciences

All degree programs in this CIP code have been proposed as programs of strategic emphasis in the Economic Development-STEM category.

The University of Florida offers three fully online graduate programs in this CIP code. Given the specialty nature of these programs, access to fully online programs for the CIP code is provided.

03 – Natural Resources and Conservation

All degree programs in this CIP code have been proposed as programs of strategic emphasis in the Economic Development-STEM category.

There are few fully online degrees currently offered in this CIP code – only one undergraduate program and two graduate programs.

Recommendation: Increase the number of SUS institutions offering fully online degree programs in CIP code 03 and offer different degree programs from those which are currently being offered.

04 – Architecture and Related Services

Within this CIP code, there is only one fully online graduate degree being offered in Urban and Regional Planning. Given the nature of the discipline, it may be difficult to add many more fully online degree programs in this CIP code. Therefore, reasonable access is provided.

05 – Area, Ethnic, Cultural, Gender, and Group Studies

A set of academic degree programs in this CIP code were proposed as programs of strategic emphasis in the area of Economic Development- Global Competitiveness. However, out of the eight academic degrees identified, there is only one fully online undergraduate degree being offered. Low demand may make offering these degree programs fully online by a single SUS institution for its own students infeasible.

Recommendation: Explore the feasibility of offering statewide one fully online undergraduate program in each of the 7 academic programs proposed as programs of strategic emphasis that are not currently available. These CIP codes are: 05.0103, 05.0105, 05.0108, 05.0124, 05.0126, 05.0134, and 05.0201.

09 – Communication, Journalism, and Related Programs

Within this CIP code, there are two unique fully online undergraduate programs being offered and two unique fully online graduate programs being offered across four SUS institutions. Two of the undergraduate programs are in a degree program proposed as ones of strategic emphasis. There are no fully online degree programs offered in three degree programs (Digital Communications and Media/Multimedia, Public Relations, Advertising, and Applied Communications and Public Relations/Image Management) that have been proposed as degree programs of strategic emphasis. Low demand may make offering these degree programs fully online infeasible by a single SUS institution for its own students.

Recommendation: Explore the feasibility of offering statewide one fully online degree program in 09.0900 – Public Relations, Advertising, and Applied Communications or in 09.0902 – Public and offering one fully online degree program in 09.0702 – Digital Communications and Media/Multimedia.

11 - Computer and Information Sciences and Support Services

There are several different degree programs associated with this CIP code offered fully online at both the graduate and undergraduate level. There are currently five different degree programs being offered. No fully online undergraduate degree program is available in Management Information Systems and only one SUS is offering a fully online undergraduate degree in Information Studies. All degree programs in this CIP code have been designated as programs of strategic emphasis.

Recommendation: Increase the number of SUS institutions offering both undergraduate and graduate fully online degree programs in this CIP code and increase the number of unique degree programs being offered.

13 – Education

There are many fully online graduate degree programs being offered in this CIP code throughout the SUS. In fact, every SUS institution is offering at least one. There are fewer offerings at the undergraduate level. Only three different fully online undergraduate programs – special education, early childhood education, and career and technical education - are being offered by three universities (FIU, UCF, and UWF). More fully online undergraduate degrees are needed in academic degrees focused on teacher education and professional development at different levels and in different subject areas.

Education is one of the proposed categories for programs of strategic emphasis. There are only three proposed degree programs within the Education CIP code that are not currently being covered by existing fully online degree programs:

13.0701 – International and Comparative Education

13.1100 – Student Counseling and Personnel Services

13.1400 – Teaching English or French as a 2nd or Foreign Language

Recommendation: Increase the number of SUS institutions offering fully online undergraduate degree programs in teacher education and professional development (CIP codes 13.12 and 13.13).

Recommendation: Offer at least one fully online degree program associated with the following CIP codes: 13.0701, 13.1100, and 13.1400.

14 – Engineering

All fully online degree programs for this CIP code are graduate programs. There are 10 different fully online engineering graduate degree programs being offered by five SUS institutions. Most degree programs are offered by two SUS institutions. Two graduate programs are offered by only one SUS institution.

Recommendation: At least two SUS institutions offer a fully online graduate degree program in electrical and computer engineering and industrial and system engineering,

Recommendation: Offer a broader set of fully online undergraduate engineering programs at multiple SUS institutions.

15 – Engineering Technologies and Engineering-Related Fields

There are two different fully online graduate programs in the engineering field offered in this CIP code and one fully online undergraduate program. Multiple SUS institutions are offering the same degree program online.

Recommendation: Explore the feasibility of offering more than one undergraduate engineering degree program fully online at multiple SUS institutions.

16 – Foreign Languages, Literatures, and Linguistics

There are no fully online degrees being offered for this CIP code. Ten degrees programs associated with this CIP code have been identified as academic programs of strategic emphasis.

Recommendation: Explore the feasibility of offering one fully online undergraduate degree statewide in each of the following CIP codes:

16.0101	Foreign Languages and Literatures, General
16.0102	Linguistics
16.0399	East Asian Languages, Literatures, and Linguistics, Other
16.0400	Slavic Languages, Literatures and Linguistics
16.0402	Russian Language and Literature
16.0501	German Language and Literature
16.0901	French Language and Literature
16.0902	Italian Language and Literature

16.0904	Portuguese Language and Literature
16.0905	Spanish Language and Literature

19 – Family and Consumer Sciences/Human Sciences

There is only one fully online graduate degree being offered in this CIP.

Recommendation: Explore if there is enough demand to warrant offering more fully online degree programs in this CIP code statewide.

22 – Legal Professions and Studies

There is one fully online undergraduate degree program offered for this CIP. There is one degree program identified for this CIP as being of strategic emphasis.

Recommendation: Explore if there is enough demand to warrant offering International Business, Trade and Tax Law (22.0210), which has been proposed as an academic program of strategic emphasis, as a fully online degree program.

23 – English Language and Literature/Letters

One fully online undergraduate program is being offered by UCF and one fully online graduate program is being offered by two SUS institutions.

Recommendation: Explore the feasibility of offering a fully online undergraduate degree in this CIP code in at multiple SUS institutions.

24 – Liberal Arts and Sciences, General Studies and Humanities

Two different fully online undergraduate programs are being offered for this CIP code at two different SUS institutions. Given the low demand for degree programs associated with this CIP code, reasonable access is already being provided.

25 – Library Science

Two SUS institutions are offering a fully online graduate program in Library Science. Reasonable access is provided.

26 – Biological and BioMedical Sciences

Fully online undergraduate programs are being offered by one SUS (University of Florida) in Biology and Applied Physiology and Kinesiology. Fully online graduate programs are being offered in Microbiology and Cell Science (UF), Entomology and Nematology (UF), and Medical Sciences (UF and USF).

Recommendation: Given that all degree programs in this CIP code have been proposed as

programs of strategic emphasis and given the high demand for these degree programs, expand the offerings of fully online undergraduate degrees for this CIP code and have at least two additional SUS institutions offer fully online undergraduate programs in this CIP code.

27 – Mathematics and Statistics

One fully online graduate degree program is currently offered. Given low demand for this degree program, reasonable access is provided.

30 – Multi/Interdisciplinary Studies

There are a handful of fully online degrees offered in this CIP code. Even though there are a number of degree programs in this CIP code that have been designated as ones of strategic emphasis, low demand may make it infeasible to develop fully online versions.

31 – Parks, Recreation, Leisure, and Fitness Studies

Two different fully online undergraduate degrees are currently offered along with two different fully online graduate degrees in this CIP code, including one that has been designated as one of strategic emphasis.

Recommendation: Explore the feasibility of offering a broader set of degree programs in this CIP code at more SUS institutions.

38 – Philosophy and Religious Studies

Two universities are offering a fully online degree program in Religious Studies. Given the low demand for this degree program, current access is reasonable.

40 – Physical Sciences

Only one fully online undergraduate degree program for this CIP code is currently being offered – geology by UF.

Recommendation: Given that Physical Sciences is an area of strategic emphasis, a number of different fully online undergraduate degree programs associated with this CIP need to be offered at multiple SUS institutions.

42 – Psychology

The psychology undergraduate degree is currently offered fully online by FIU, UF, and UCF. A graduate degree in Educational Psychology is offered by FSU. Physiological Psychology/Psychobiology was proposed as a degree program of strategic emphasis, but the low demand may not make it a candidate for a fully online graduate degree program.

Recommendation: Explore the feasibility of offering the Educational Psychology graduate

degree online at more than one SUS institution and explore the possibility of offering a range of graduate psychology degree programs online at multiple SUS institutions.

43 – Homeland Security, Law Enforcement, Firefighting and Related Protective Services

There are eight fully online undergraduate programs offered in three different degrees (Criminal Justice, Public Safety and Security, Fire and Emergency Service) and seven fully online graduate programs offered in five different degrees (Criminal Justice Administration, Criminal Justice, Forensic Science and Technology, Fire and Emergency Services, and CyberSecurity). Reasonable access is being provided except, perhaps, for three degree programs identified as ones of strategic emphasis – Criminalistics and Criminal Science, Cyber/Computer Forensics and Counterterrorism, and CyberSecurity.

Recommendation: Investigate if there is enough demand to offer statewide fully online graduate degrees in Criminalistics and Criminal Science and Cyber/Computer Forensics and Counterterrorism.

Recommendation: Expand offering a fully online graduate program in CyberSecurity at more than one SUS institution.

44 – Public Administration and Social Service Professions

With the undergraduate public administration degree offered fully online by two SUS universities and four different graduate degrees offered by five SUS institutions, reasonable access is being provided.

45 – Social Sciences

Seven different degree programs associated with this CIP code are offered fully online by five universities. Only one graduate program is offered fully online. Access is appropriate except for two degrees identified as programs of strategic emphasis that are not currently offered online.

Recommendation: Explore the feasibility of offering statewide a broader range of graduate degree programs online. Explore offering statewide Geographical Information Science and Cartography (45.0702) and International Relations and Affairs (45.0901) fully online.

50 – Visual and Performing Arts

One fully online undergraduate and one fully online graduate degree are currently offered.

Recommendation: Explore the feasibility of offering statewide a fully online degree in three degree programs identified as ones of strategic emphasis: Design and Visual Communications (50.0401), Industrial and Product Design (50.0404), and Graphics Design (50.0409).

51 – Health Professions and Related Programs

Every SUS institution offers at least one fully online undergraduate or graduate degree program associated with this CIP code. A variety of different degree programs at both the undergraduate and graduate level are offered. Programs proposed as ones of strategic emphasis are all offered online by at least one university. Reasonable access is being provided in the high demand degrees (Health Sciences, Public Health, and Nursing), but other degree programs are only offered by one SUS institution.

Recommendation: Explore the necessity, based on demand, of having multiple SUS institutions offer more of the degree programs in this CIP code.

52 – Business Management, Marketing, and Related Support Services

All but one SUS institution offers at least one fully online undergraduate or graduate degree program associated with this CIP code. A variety of different degree programs at both the undergraduate and graduate level are offered. Programs proposed as ones of strategic emphasis are all offered online by at least one university. Reasonable access is being provided in most degree programs, although some degree programs proposed as ones of strategic emphasis are only offered by one SUS institution. There is no fully online undergraduate program offering in MIS.

Recommendation: Explore the necessity, based on demand, of having multiple SUS institutions offer online degree programs in Accounting, Finance, Human Resource Management, International Business, and Management Information Systems.

54 – History

One fully online undergraduate degree is being offered. Reasonable access is provided.