ASSESSMENT DAY

College of Arts and Sciences

School of Mathematics

November 30, 2018

Strengths

Challenges

Recommendations

Academic Assessment

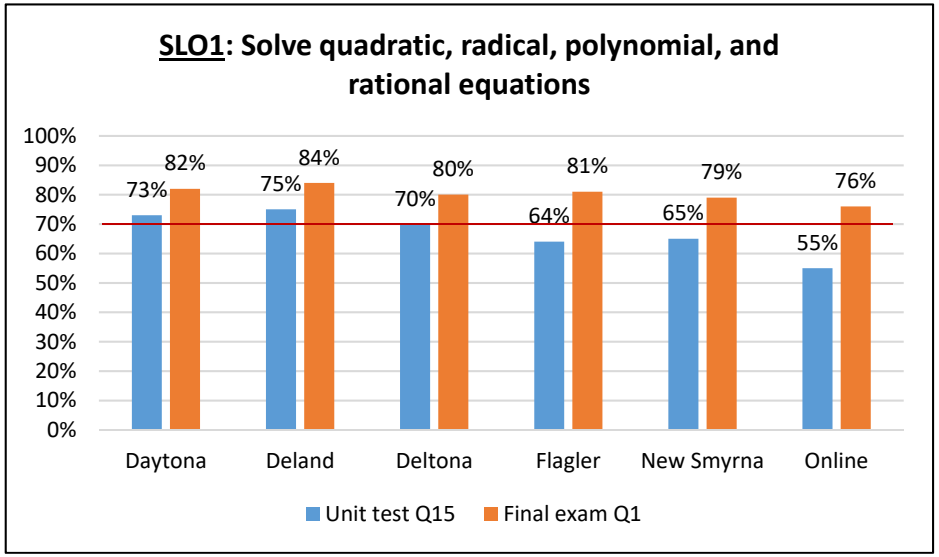
	LEVEL	FOCUS	CONDUCTED BY	FREQUENCY
Academic Success Committee	Program	• Quality of assessment practices	Committee of peers	Years 1 & 2
Instructional Program Review	Program / Cluster	• Enrollment, retention, completion • Industry certifications and job placement • Program budget and staffing • Advisory committees • Curriculum changes	Committee of peers	Year 3
Assessment Day	Course/ Program	• Enrollment by demographics • Graduation and retention • Average class size • Course success rate • Placement rate • SLOs, PLOs and ILOs	Program Chair and Faculty	Years 1, 2, 3

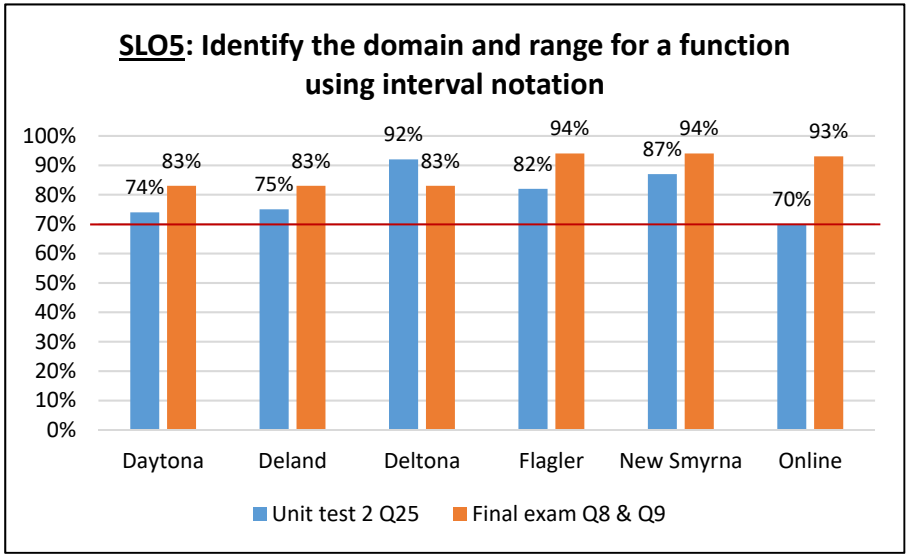
Last Assessment Day – Action Items

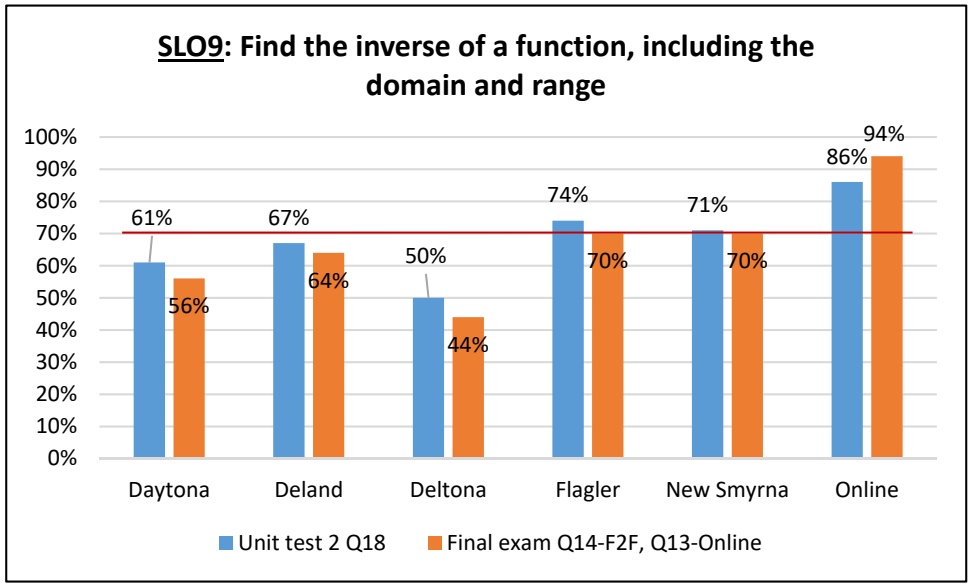
School of Mathematics (11/10/2017):

- Cross-training for STEM and non-STEM pathways;
- Explore another option for remedial students who aren't completely ready for MAT1033;
- Review college-level math course success based on those who take MAT0018 & MAT0028;
- Meet with college algebra committee to look at SLO10;
- Think about developmental in a different way (negative connotation) – rebrand them as foundation courses;
- Develop a flyer with success rates, testimonies, etc. for advisors

Course Assessment Data – MAC1105

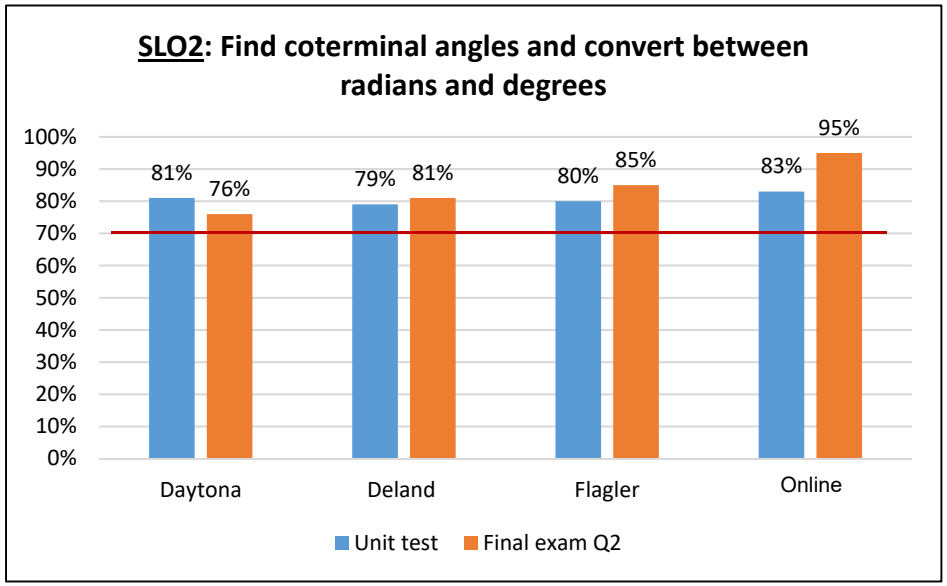


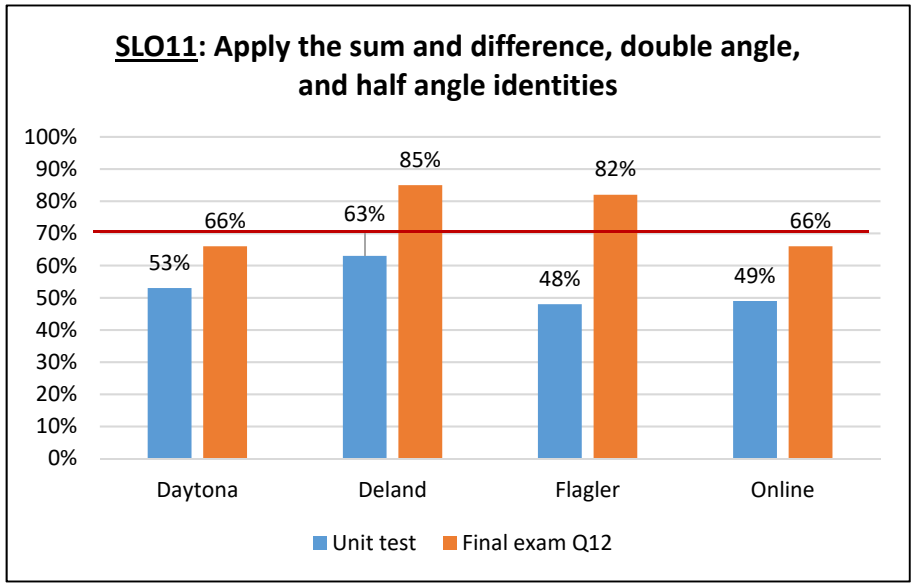


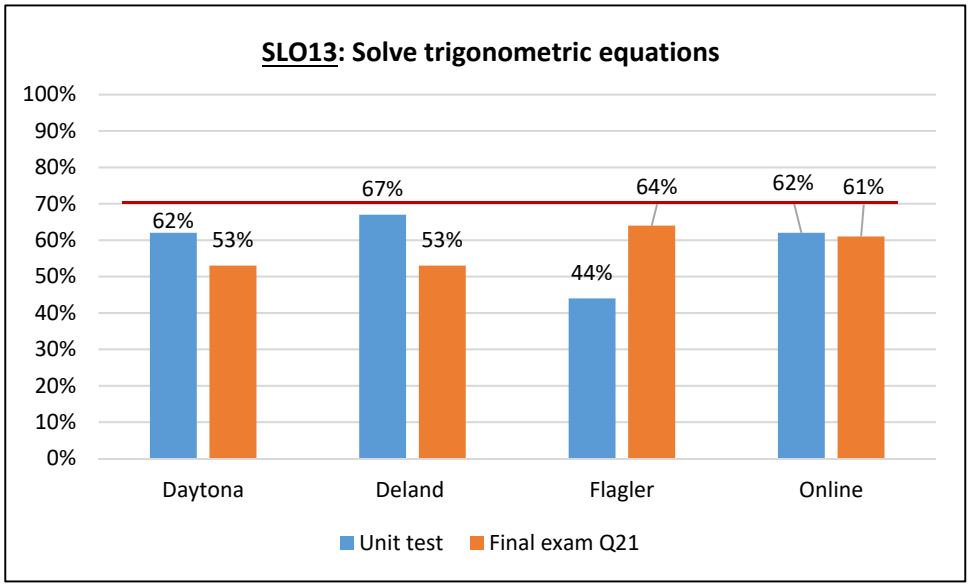


Target: 70% of the students achieve 70% competency for all assessment measure

Course Assessment Data – MAC1114

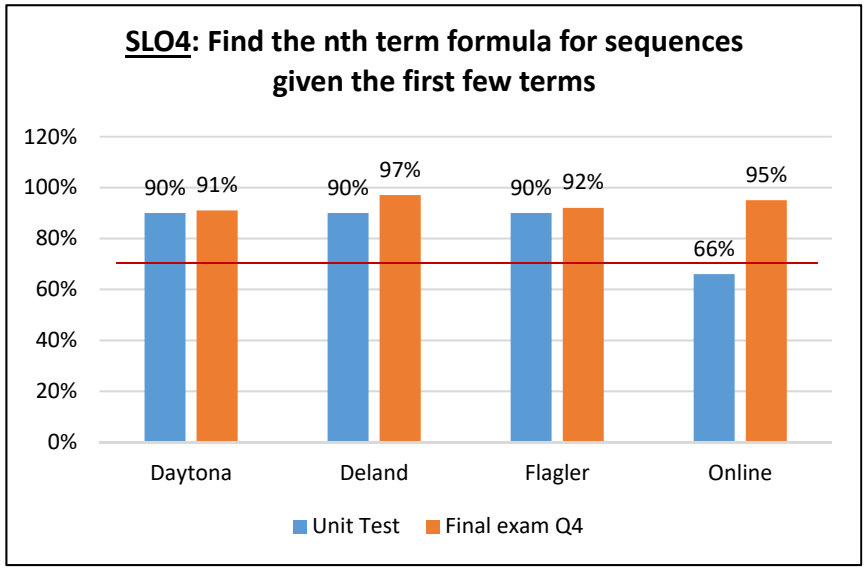


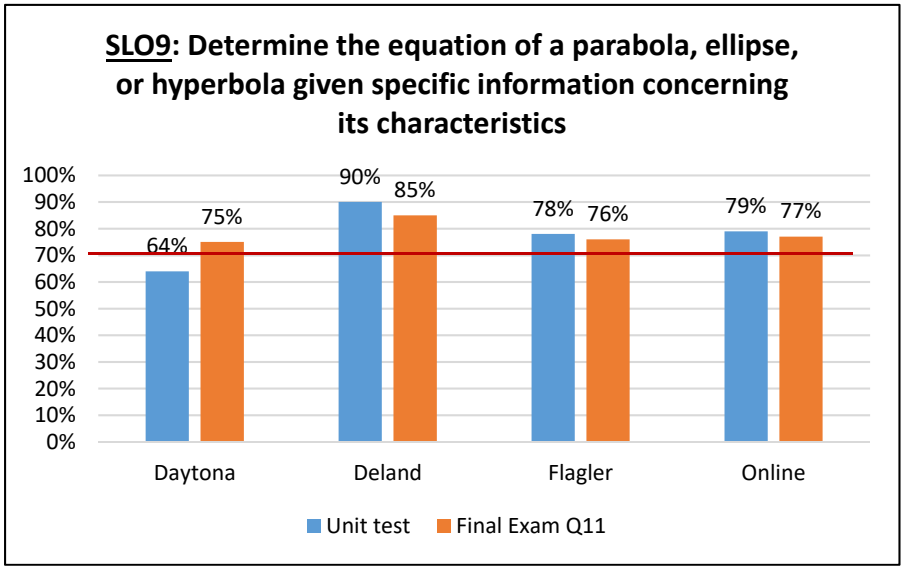


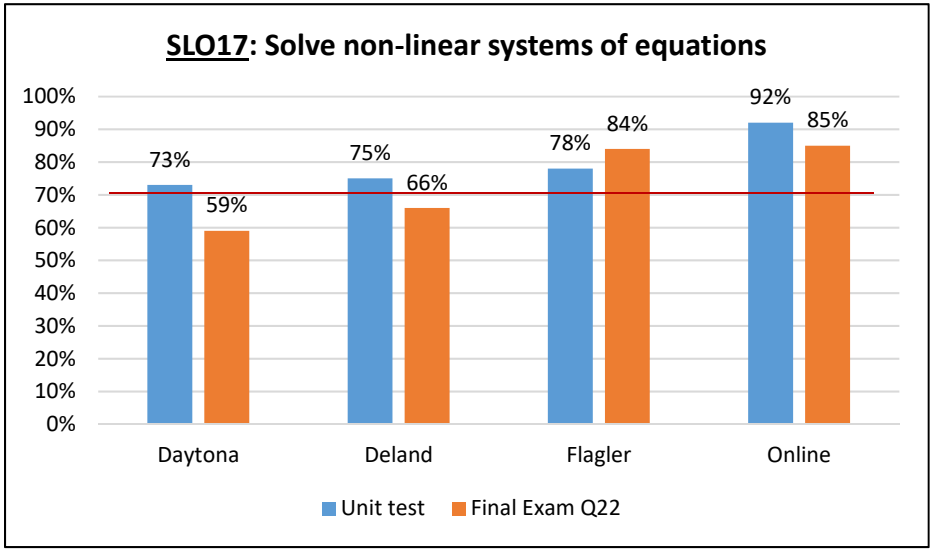


Target: 70% of the students achieve 70% competency for all assessment measure

Course Assessment Data – MAC1140

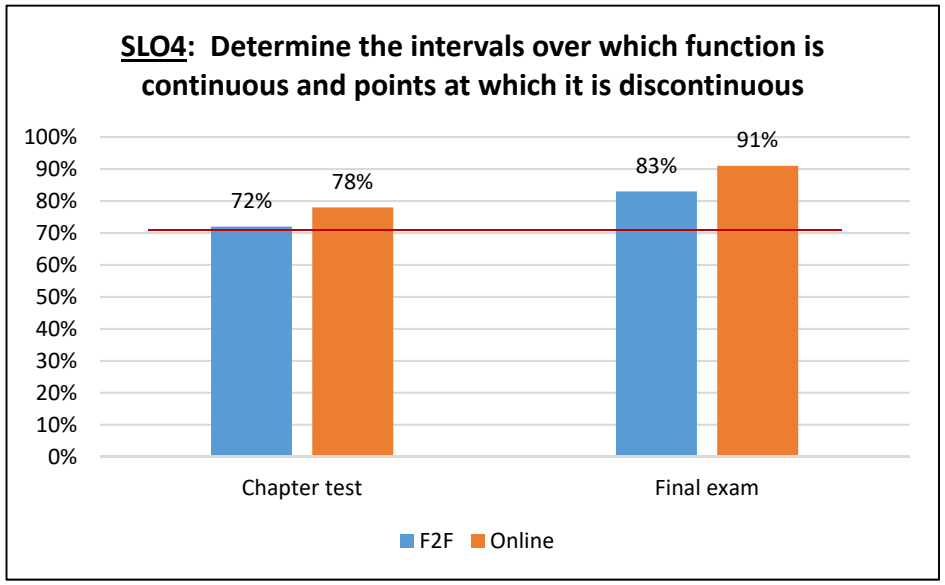


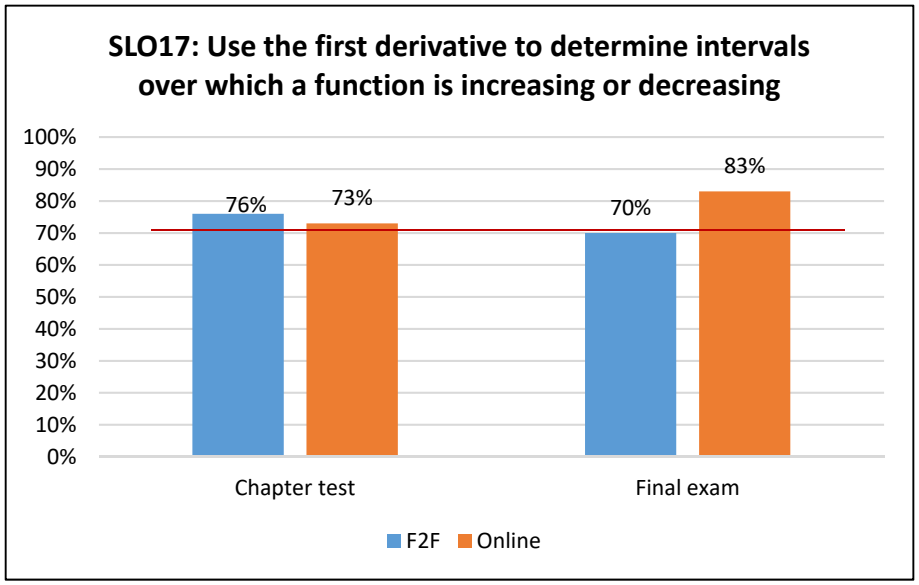


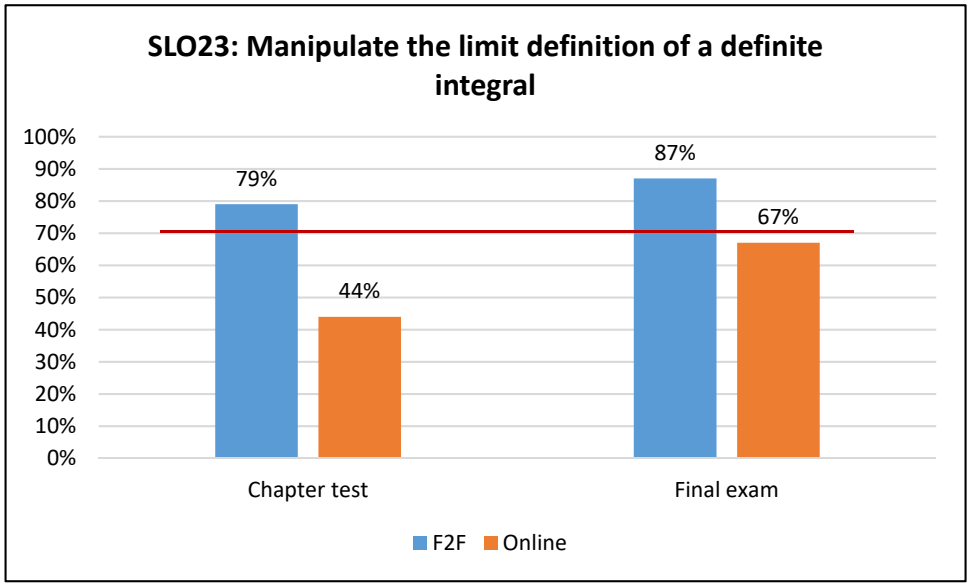


Target: 70% of the students achieve 70% competency for all assessment measure
Observation: Alignment with PLO or ILO is missing

Course Assessment Data – MAC2311

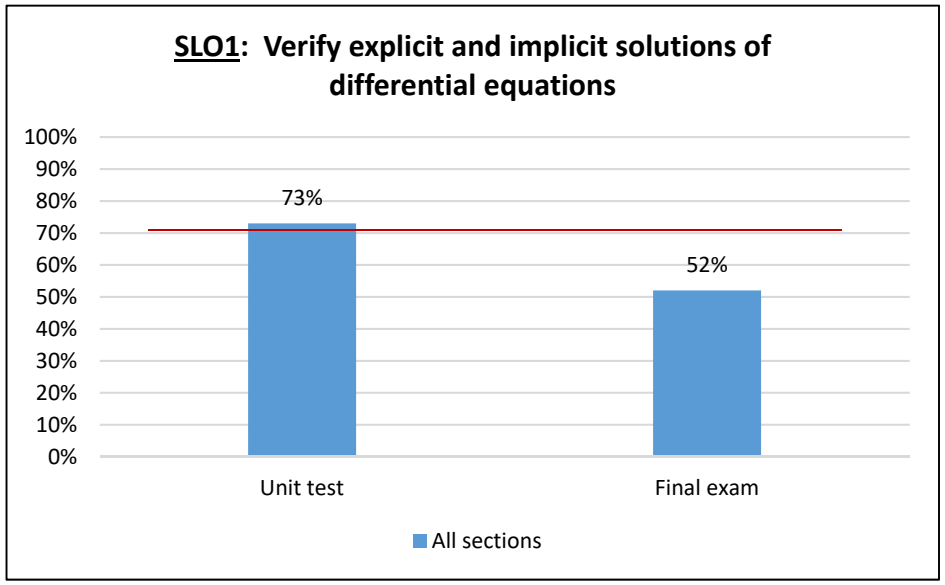


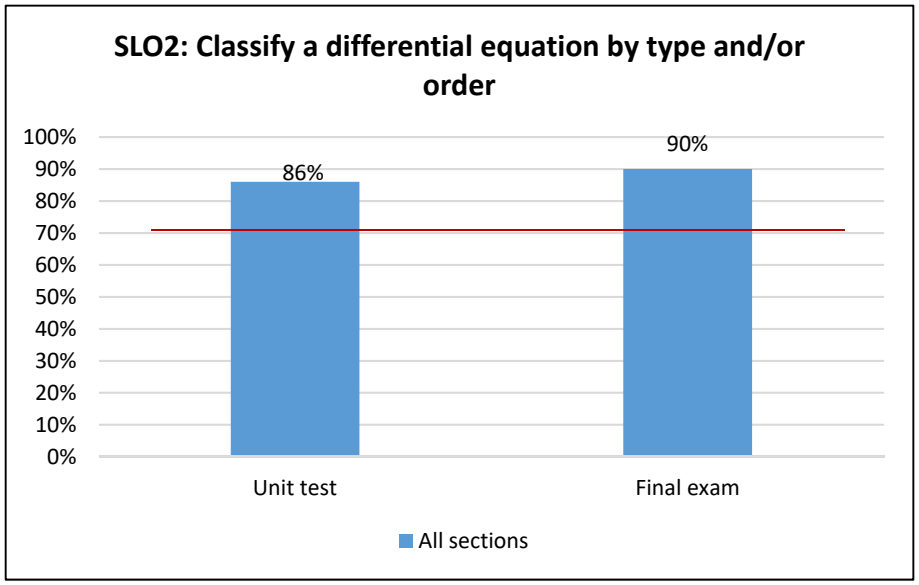


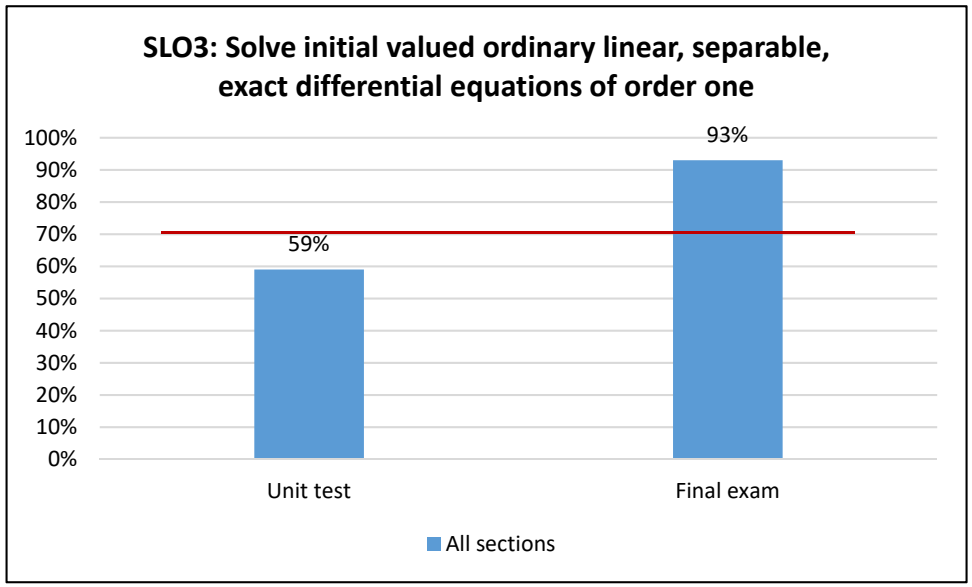


Target: 70% of the students achieve 70% competency for all assessment measure

Course Assessment Data – MAP2302

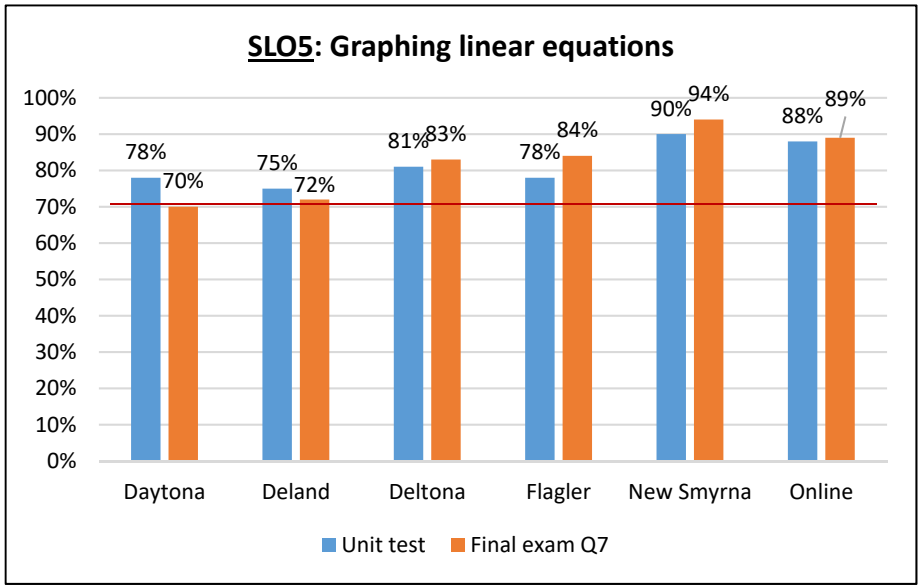


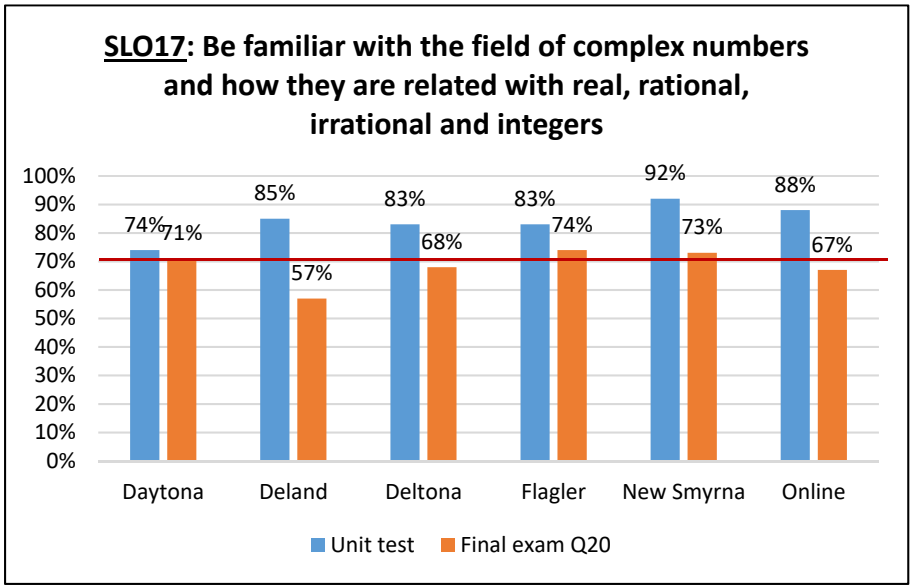


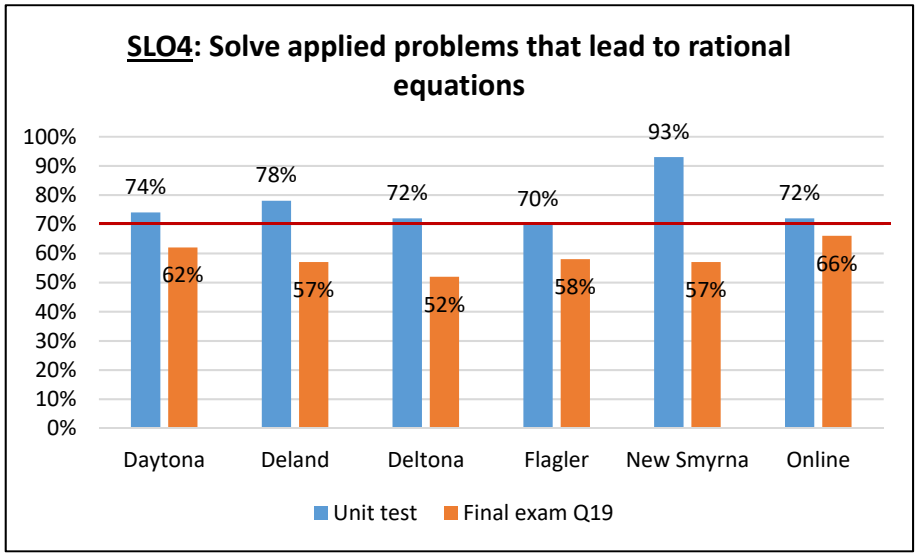


Target: 70% of the students achieve 70% competency for all assessment measure

Course Assessment Data – MAT1033

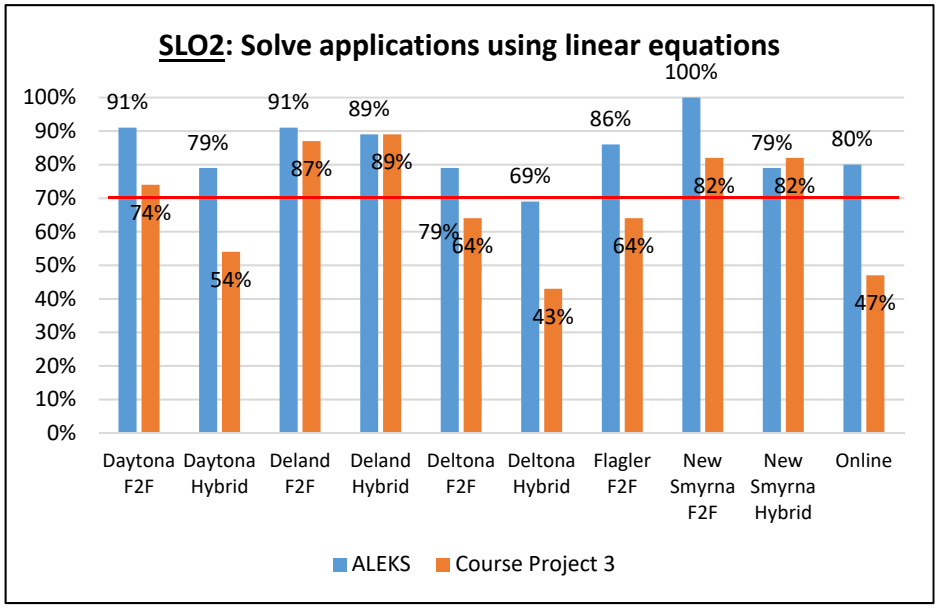


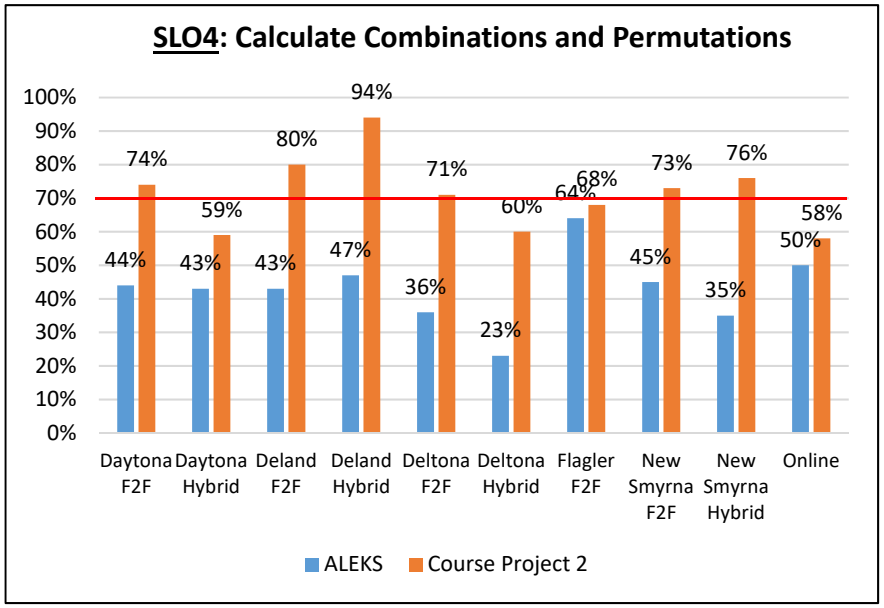


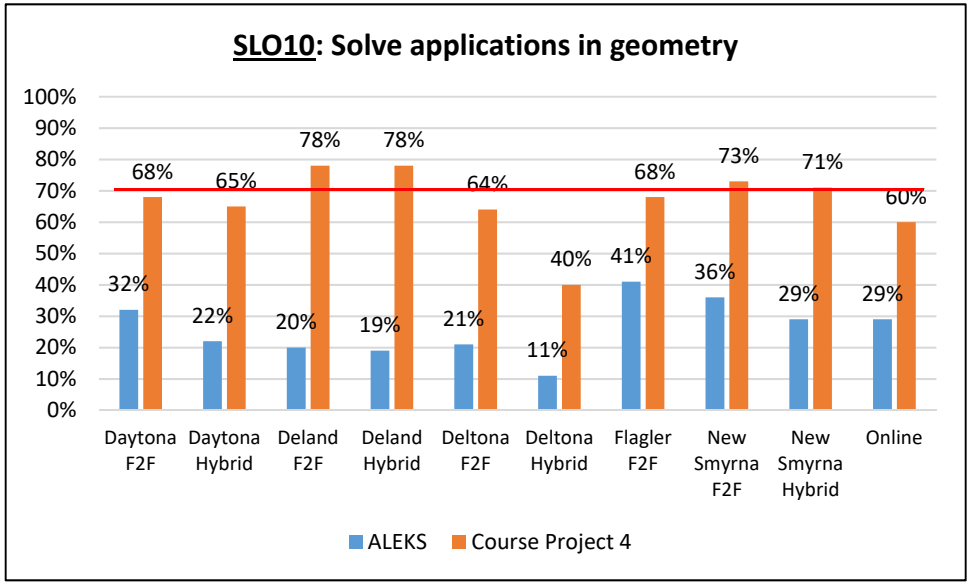


Target: 70% of the students achieve 70% competency for all assessment measure

Course Assessment Data – MGF2106

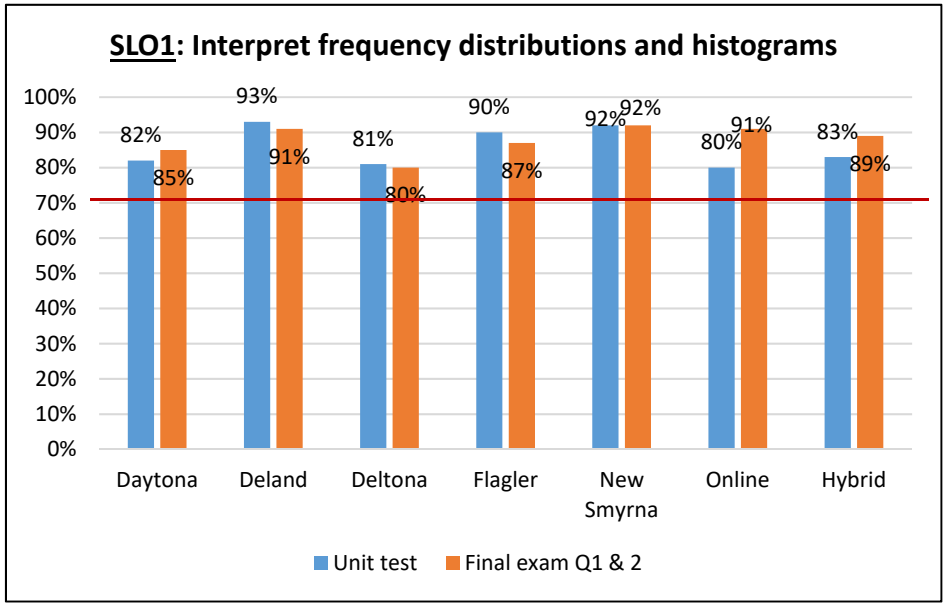


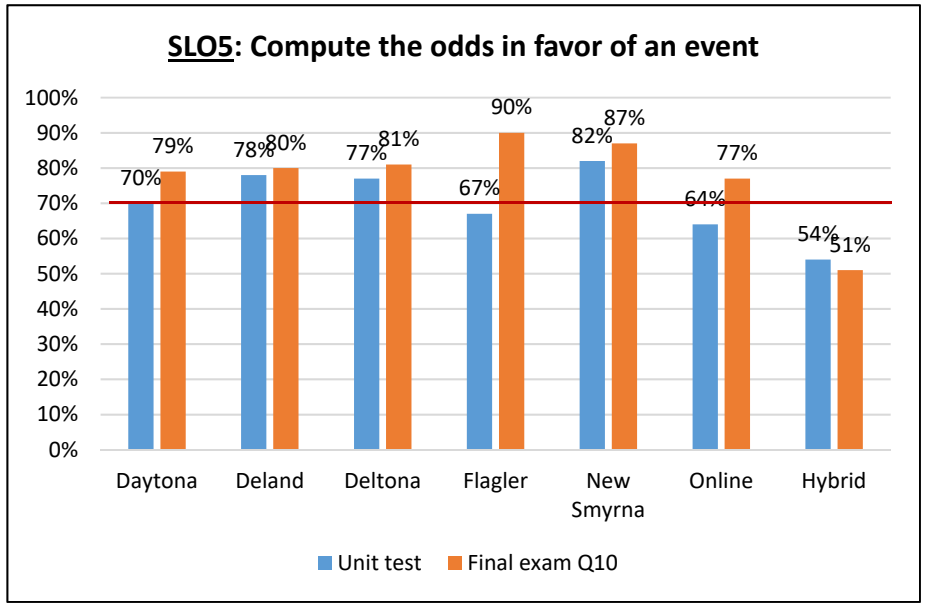


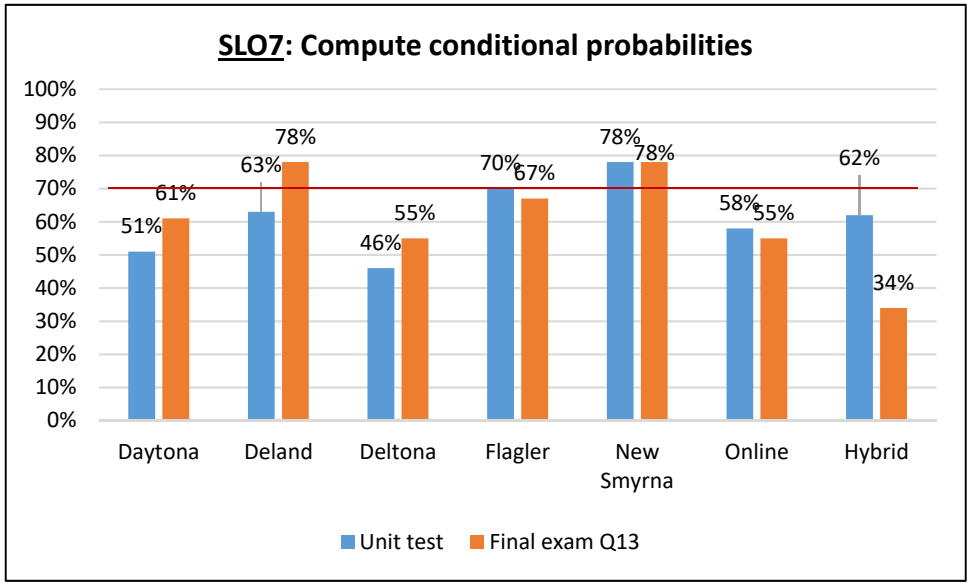


Target: 70% of the students achieve 70% competency for all assessment measure

Course Assessment Data – STA2023







Target: 70% of the students achieve 70% competency for all assessment measure

Course Success Rates

Course	2014-2015		2015-2016		2016-2017		2017-2018	
	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
MAT0018C	718	64%	493	76%	393	69%	306	70%
MAT0022	6	67%	9	78%				
MAT0028C	1,590	56%	1219	68%	799	65%	548	70%
MAT0055L*					187	46%	138	64%
MAT0056L	61	95%	83	94%	67	96%	110	91%
MAT1033	2,136	56%	1780	70%	1,729	67%	1,643	65%
MAT1033A	398	47%	294	63%	194	57%	141	65%
MAC1105	2,957	60%	2787	68%	2,466	69%	2,389	72%
MAC1114	651	61%	666	69%	709	65%	806	68%
MAC1140	676	69%	660	74%	659	69%	732	72%
STA2023	1,786	75%	2,105	77%	2,116	75%	1,914	81%
MGF2106	2,086	65%	2,402	77%	2,176	76%	1,944	70%
MGF2107	497	72%	496	76%	603	65%	574	66%
MAC2233	84	73%	98	79%	86	72%	91	66%
MAC2311C	252	63%	260	69%	316	67%	287	71%
MAC2312C	110	65%	137	68%	142	72%	124	67%
MAC2313C	60	58%	73	64%	68	59%	75	72%
MAD2104								
MAP2302C	34	68%	41	85%	44	89%	34	97%
MAS3105	6	67%	10	70%	5	100%	5	100%
MAS3301	5	80%	1	100%	4	75%	6	50%
MAP3401			13	62%				
MAS4203	6	67%	5	20%	10	90%	6	50%
MHF4404	10	80%	10	80%			8	88%
MTG4212			5	100%	7	100%	3	100%
STA4024	5	100%	4	75%	5	80%	6	83%
Total	9,225	66%	13,945	72.01%	12,785	70%	11,890	71%

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

** This course is set as a separate course in PeopleSoft*

Source: IR Program Assessment Data

Course Success Rates by Campus – Multiple Campuses Only (1 of 2)

Course	Campus	2014-2015		2015-2016		2016-2017		2017-2018	
		Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
MAC1105	Daytona	1,030	55%	1022	66%	880	68%	764	70%
	Deland	412	70%	358	80%	309	79%	287	86%
	Deltona	196	64%	161	73%	148	68%	131	77%
	Flagler/Palm Cst	292	42%	269	66%	273	71%	265	69%
	New Smyrna Beach	161	81%	168	89%	134	87%	96	80%
MAC1114	Daytona	288	56%	244	63%	301	61%	298	59%
	Deland	111	62%	114	66%	101	62%	126	78%
	Flagler/Palm Cst	25	36%	39	56%	33	48%	49	55%
MAC1140	Daytona	288	64%	311	69%	314	68%	289	71%
	Deland	136	71%	116	75%	100	71%	120	70%
	Flagler/Palm Cst	23	65%	23	70%	43	65%	38	58%
MAT0018C	Daytona	379	61%	273	73%	197	63%	168	66%
	Deland	56	66%	42	81%	57	81%	31	81%
	Deltona	117	58%	89	76%	70	77%	46	70%
	Flagler/Palm Cst	105	74%	48	81%	47	72%	49	76%
	New Smyrna Beach	61	70%	41	85%	22	55%	12	75%
MAT0028C	Daytona	843	54%	609	68%	317	60%	238	63%
	Deland	172	61%	150	65%	161	75%	88	67%
	Deltona	223	47%	185	66%	148	65%	115	77%
	Flagler/Palm Cst	235	59%	193	67%	126	75%	75	80%
	New Smyrna Beach	117	78%	82	70%	47	51%	32	75%

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Excludes fully online courses

Source: IR Program Assessment Data

Course Success Rates by Campus – Multiple Campuses Only (2 of 2)

Course	Campus	2014-2015		2015-2016		2016-2017		2017-2018	
		Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
MAT0055L	Daytona					113	42%	84	61%
	Deland					34	47%	14	86%
	Flagler/Palm Cst					26	42%	20	70%
	New Smyrna Beach					14	86%	20	60%
MAT0056L	Daytona	40	93%	41	95%	25	100%	70	91%
	Deland	7	100%	8	88%	2	100%	15	73%
	Deltona	11	100%	14	93%			11	100%
	Flagler/Palm Cst	3	100%	11	100%			4	100%
	New Smyrna Beach			9	89%	1	100%	10	100%
MAT1033	Daytona	764	55%	611	69%	601	66%	522	64%
	Deland	312	65%	237	77%	163	71%	168	71%
	Deltona	109	63%	108	74%	133	66%	143	63%
	Flagler/Palm Cst	206	34%	171	61%	193	55%	149	48%
	New Smyrna Beach	82	71%	92	82%	57	93%	49	88%
MAT1033A	Daytona	211	47%	168	59%	119	53%	85	61%
	Deland	70	36%	37	70%	35	49%	16	88%
	Deltona	42	57%	16	81%				
	Flagler/Palm Cst	43	42%	39	56%	26	69%	20	70%
	New Smyrna Beach	32	59%	34	74%	14	93%	20	60%
MGF2106	Daytona	583	64%	829	77%	767	73%	685	69%
	Deland	79	81%	149	85%	170	82%	144	75%
	Deltona			77	77%	113	78%	105	72%
	Flagler/Palm Cst	96	66%	70	73%	45	76%	61	77%
	New Smyrna Beach	64	73%	81	86%	70	79%	63	83%
MGF2107	Daytona	133	68%	130	84%	201	70%	140	74%
	Flagler/Palm Cst	18	78%	27	74%	44	70%	49	65%
STA2023	Daytona	517	73%	615	77%	630	77%	570	85%
	Deland	267	85%	261	90%	252	82%	243	87%
	Deltona	71	86%	86	73%	70	86%	53	96%
	Flagler/Palm Cst	91	79%	98	78%	101	79%	108	81%
	New Smyrna Beach	148	93%	129	91%	112	94%	102	90%

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Excludes fully online courses

Source: IR Program Assessment Data

School Course Success Rate by Campus – Overall

Campus	2016-2017		2017-2018	
	Attempted	% Successful	Attempted	% Successful
Daytona	5,025	68%	4,425	70%
Deland	1,384	75%	1,252	79%
Deltona	682	71%	604	75%
Flagler/Palm Cst	957	68%	887	68%
New Smyrna Beach	471	83%	404	82%
Online			4,318	70%
Total	8,519*	70%	11,890	71%

** Online success rate not included in the total*

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Source: IR Program Assessment Data

Course Success Rate By Instructional Method – Multiple Methods Only

Course	IM	2014-2015		2015-2016		2016-2017		2017-2018	
		Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
MAC1105	Hybrid			75	71%	153	69%	140	75%
	Lecture	2,091	59%	1,903	71%	1,591	72%	1403	74%
	Online	866	61%	809	62%	722	62%	846	68%
MAC1114	Hybrid			33	42%				
	Lecture	424	56%	364	65%	435	60%	473	64%
	Online	227	70%	269	78%	274	72%	333	74%
MAC1140	Lecture	447	66%	450	70%	457	68%	447	69%
	Online	229	75%	210	80%	202	73%	285	76%
MAC2233	Lecture	32	75%	41	83%	36	72%	35	69%
	Online	52	71%	57	75%	50	72%	56	64%
MAC2311C	Lecture					239	67%	210	67%
	Online					77	68%	77	81%
MAT0056L	Lecture					28	100%	110	91%
	Online					39	92%		
MAT1033	Lecture	1,473	56%	1,219	71%	1,147	66%	1031	64%
	Online	663	57%	561	68%	582	67%	612	67%
MGF2106	Hybrid			325	74%	725	73%	701	67%
	Lecture	822	67%	881	80%	440	79%	357	79%
	Online	1,264	64%	1,196	75%	1,011	76%	886	69%
MGF2107	Hybrid							23	61%
	Lecture	151	69%	157	82%	245	70%	166	73%
	Online	346	74%	339	73%	358	61%	385	63%
STA2023	Hybrid					102	72%	196	84%
	Lecture	1,094	80%	1,189	81%	1,063	81%	880	86%
	Online	692	68%	916	71%	951	69%	838	74%
DSC	Hybrid		84%		82%		81%		82%
	Lecture		78%		80%		81%		83%
	Online		76%		78%		76%		78%

Source: IR Program Assessment Data

School Course Success Rate by Instructional Method – Overall

Campus	2016-2017		2017-2018	
	Attempted	% Successful	Attempted	% Successful
Online	4,266	69%	4,318	70%
Lecture	7,539	70%	6512	72%
Hybrid	980	72%	1,060	71%
Total	12,785	70%	11,890	71%

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Source: IR Program Assessment Data

Course Success Rates- Multiple Sessions or Sub-sessions Only (1 of 3)

Course	Session	Sub-session	2014-2015		2015-2016		2016-2017		2017-2018	
			Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
MAC1105	FA	A term	50	82%	49	84%	106	73%	141	75%
		B term			52	44%	89	56%	136	63%
		Full term	1,318	56%	1,165	71%	977	72%	913	74%
	SP	A term	55	82%	133	77%	109	81%	74	73%
		B term	37	54%	73	56%	63	59%	68	66%
		Full term	1,106	59%	949	62%	819	66%	730	70%
	SU	Full term	391	70%	366	74%	303	69%	327	76%
MAC1114	FA	Full term	262	53%	246	70%	267	63%	304	67%
	SP	Full term	271	65%	279	68%	304	62%	362	66%
	SU	Full term	118	70%	141	71%	138	75%	140	76%
MAC1140	FA	Full term	291	62%	237	75%	283	69%	302	74%
	SP	Full term	273	72%	298	69%	259	68%	300	70%
	SU	Full term	112	83%	125	82%	117	76%	130	72%
MAC2233	FA	Full term	25	76%	36	72%	32	78%	25	72%
	SP	Full term	40	73%	39	85%	27	67%	40	53%
	SU	Full term	19	68%	23	78%	27	70%	26	81%
MAC2311C	FA	Full term	119	62%	118	74%	131	60%	111	63%
	SP	Full term	91	63%	100	60%	112	76%	126	75%
	SU	Full term	42	64%	42	79%	73	68%	50	76%
MAC2312C	FA	Full term	38	58%	40	70%	55	76%	49	59%
	SP	Full term	53	62%	69	62%	53	58%	51	63%
	SU	Full term	19	89%	28	79%	34	85%	24	92%
MAC2313C	FA	Full term	20	50%	30	73%	20	50%	30	70%
	SP	Full term	20	70%	20	40%	28	57%	32	72%
	SU	Full term	20	55%	23	74%	20	70%	13	77%
MAP2302C	FA	Full term	16	56%	20	80%	23	87%	23	100%
	SP	Full term	18	78%	21	90%	21	90%	11	91%
	SU	Full term								

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Source: IR Program Assessment Data

Course Success Rates- Multiple Sessions or Sub-sessions Only (2 of 3)

Course	Session	Subsession	2014-2015		2015-2016		2016-2017		2017-2018	
			Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
MAT0018C	FA	A term	160	72%	129	80%	111	68%	78	65%
		B term	61	49%	26	73%	18	83%	17	65%
		Full term	145	53%	107	73%	71	66%	66	70%
	SP	A term	126	69%	58	81%	44	70%	25	92%
		B term	31	68%	30	67%	20	65%	13	38%
		Full term	96	64%	81	69%	64	67%	57	70%
	SU	Full term	99	69%	62	84%	65	69%	50	76%
MAT0022	FA	Full term	2	50%						
	SP	Full term	3	67%						
	SU	Full term	1	100%	9	78%				
MAT0028C	FA	A term	229	55%	199	73%	97	69%	55	73%
		B term	240	50%	226	69%	130	61%	86	65%
		Full term	334	51%	257	67%	203	63%	142	63%
	SP	A term	151	58%	65	71%	26	69%	31	68%
		B term	159	67%	110	72%	68	63%	43	72%
		Full term	232	58%	210	66%	137	64%	102	73%
	SU	Full term	245	60%	152	57%	138	74%	89	78%
MAT0055L	FA	Full term					131	60%	107	68%
	SP	Full term					56	14%	31	52%
MAT0056L	FA	Full term	28	93%	47	96%	39	92%	61	85%
	SP	Full term	33	97%	35	91%	19	100%	31	97%
	SU	Full term			1	100%	9	100%	18	100%
MAT1033	FA	A term			27	85%	87	83%	99	76%
		B term	50	58%	106	62%	145	63%	128	64%
		Full term	1,037	57%	853	73%	692	66%	704	62%
	SP	A term	15	80%	35	69%	79	77%	52	85%
		B term	13	69%	57	67%	47	53%	38	68%
		Full term	694	53%	487	64%	478	62%	455	61%
	SU	Full term	327	59%	215	73%	201	76%	167	75%

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Source: IR Program Assessment Data

Course Success Rates- Multiple Sessions or Sub-sessions Only (3 of 3)

Course	Session	Sub-session	2014-2015		2015-2016		2016-2017		2017-2018	
			Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
MAT1033A	FA	Full term	276	46%	217	65%	138	59%	109	69%
	SP	Full term	122	48%	77	56%	56	52%	32	53%
MGF2106	FA	A term			30	90%	30	80%	26	88%
		B term	19	74%	275	73%	179	71%	128	76%
		Full term	1,014	59%	819	79%	907	76%	758	69%
	SP	A term			36	89%	639	73%	47	74%
		B term	32	63%	146	75%	50	76%	125	65%
		Full term	914	72%	829	74%	105	70%	612	67%
	SU	Full term	107	67%	267	82%	266	84%	248	79%
MGF2107	FA	B term							45	76%
		Full term	224	67%	208	81%	260	63%	192	70%
	SP	B term							41	59%
		Full term	200	75%	203	70%	231	65%	198	58%
	SU	Full term	73	82%	85	75%	69	75%	98	70%
STA2023	FA	A term					88	80%	105	79%
		B term	37	92%	112	82%	72	61%	40	65%
		Full term	628	76%	705	77%	624	72%	640	81%
	SP	A term	22	86%	104	87%	97	93%	94	88%
		B term	100	87%	51	57%	93	66%	82	76%
		Full term	711	73%	752	74%	732	76%	616	80%
	SU	Full term	288	73%	381	80%	410	78%	337	82%

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Years are reporting years, SU-SP.
Blank cells or missing years indicate no enrollment.

Source: IR Program Assessment Data

School Course Success Rate by Session or Sub-session – Overall

Session	Sub-session	2016-2017		2017-2018	
		Attempted	% Successful	Attempted	% Successful
Fall	A term	519	74%	504	75%
	B Term	667	63%	580	68%
	Full term	4,833	70%	4,548	71%
Spring	A term	405	80%	323	80%
	B Term	439	63%	410	67%
	Full term	4,045	68%	3,805	69%
Summer	All term	1,877	76%	1,720	77%
	Total	12,785	70%	11,890	71%

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Source: IR Program Assessment Data

Course Success Rates by IM and Sessions/Sub-sessions (1 of 4)

Course, IM and Session/Sub-session	2017-2018 Attempted	2017-2018 % Successful
MAC1105	2389	72%
Online	846	68%
Summer 2017	214	74%
Fall 2017	339	63%
Full term	186	65%
A term	65	63%
B term	88	58%
Spring 2018	293	70%
Full term	177	70%
A term	74	73%
B term	42	67%
Lecture	1403	74%
Summer 2017	113	80%
Fall 2017	777	77%
Full term	653	76%
A term	76	86%
B term	48	73%
Spring 2018	513	69%
Full term	487	70%
B term	26	65%
Hybrid	140	75%
Fall 2017	74	78%
Full term	74	78%
Spring 2018	66	71%
Full term	66	71%
MAC1114	806	68%
Online	333	74%
Summer 2017	88	78%
Fall 2017	119	74%
Full term	119	74%
Spring 2018	126	72%
Full term	126	72%

Course, IM and Session/Sub-session	2017-2018 Attempted	2017-2018 % Successful
MAC1114	806	68%
Lecture	473	64%
Summer 2017	52	73%
Fall 2017	185	63%
Full term	185	63%
Spring 2018	236	63%
Full term	236	63%
MAC1140	732	72%
Online	285	76%
Summer 2017	86	72%
Fall 2017	92	76%
Full term	92	76%
Spring 2018	107	79%
Full term	107	79%
Lecture	447	69%
Summer 2017	44	70%
Fall 2017	210	73%
Full term	210	73%
Spring 2018	193	65%
Full term	193	65%
MAC2233	91	66%
Online	56	64%
Summer 2017	26	81%
Fall 2017	13	62%
Full term	13	62%
Spring 2018	17	41%
Full term	17	41%
Lecture	35	69%
Fall 2017	12	83%
Full term	12	83%
Spring 2018	23	61%
Full term	23	61%

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Source: IR Program Assessment Data

Course Success Rates by IM and Sessions/Sub-sessions (2 of 4)

Course, IM and Session/Sub-session	2017-2018 Attempted	% Successful
MAC2311C	287	71%
Online	77	81%
Summer 2017	16	81%
Fall 2017	23	65%
Full term	23	65%
Spring 2018	38	89%
Full term	38	89%
Lecture	210	67%
Summer 2017	34	74%
Fall 2017	88	63%
Full term	88	63%
Spring 2018	88	69%
Full term	88	69%
MAC2312C	124	67%
Lecture	124	67%
Summer 2017	24	92%
Fall 2017	49	59%
Full term	49	59%
Spring 2018	51	63%
Full term	51	63%
MAC2313C	75	72%
Lecture	75	72%
Summer 2017	13	77%
Fall 2017	30	70%
Full term	30	70%
Spring 2018	32	72%
Full term	32	72%
MAP2302C	34	97%
Lecture	34	97%
Fall 2017	23	100%
Full term	23	100%
Spring 2018	11	91%
Full term	11	91%

Course, IM and Session/Sub-session	2017-2018 Attempted	% Successful
MAS3105	5	100%
Lecture	5	100%
Spring 2018	5	100%
Full term	5	100%
MAS3301	6	50%
Lecture	6	50%
Fall 2017	6	50%
Full term	6	50%
MAS4203	6	50%
Lecture	6	50%
Fall 2017	6	50%
Full term	6	50%
MAT0018C	306	70%
Lecture	306	70%
Summer 2017	50	76%
Fall 2017	161	67%
Full term	66	70%
A term	78	65%
B term	17	65%
Spring 2018	95	72%
Full term	57	70%
A term	25	92%
B term	13	38%
MAT0028C	548	70%
Lecture	548	70%
Summer 2017	89	78%
Fall 2017	283	66%
Full term	142	63%
A term	55	73%
B term	86	65%
Spring 2018	176	72%
Full term	102	73%
A term	31	68%
B term	43	72%

Course Success Rates by IM and Sessions/Sub-sessions (3 of 4)

Course, IM and Session/Sub-session	2017-2018 Attempted	% Successful
MAT0055L	138	64%
Lecture	138	64%
Fall 2017	107	68%
Full term	107	68%
Spring 2018	31	52%
Full term	31	52%
MAT0056L	110	91%
Lecture	110	91%
Summer 2017	18	100%
Fall 2017	61	85%
Full term	61	85%
Spring 2018	31	97%
Full term	31	97%
MAT1033	1643	65%
Online	612	67%
Summer 2017	94	71%
Fall 2017	290	64%
Full term	191	60%
A term	60	75%
B term	39	64%
Spring 2018	228	69%
Full term	138	64%
A term	52	85%
B term	38	68%
Lecture	1031	64%
Summer 2017	73	79%
Fall 2017	641	64%
Full term	513	63%
A term	39	77%
B term	89	64%
Spring 2018	317	60%
Full term	317	60%

Course, IM and Session/Sub-session	2017-2018 Attempted	% Successful
MAT1033A	141	65%
Lecture	141	65%
Fall 2017	109	69%
Full term	109	69%
Spring 2018	32	53%
Full term	32	53%
MGF2106	1944	70%
Online	886	69%
Summer 2017	219	77%
Fall 2017	319	68%
Full term	248	65%
A term	26	88%
B term	45	76%
Spring 2018	348	64%
Full term	238	63%
A term	26	88%
B term	84	60%
Lecture	357	79%
Summer 2017	29	90%
Fall 2017	210	80%
Full term	127	83%
B term	83	76%
Spring 2018	118	75%
Full term	77	75%
B term	41	76%
Hybrid	701	67%
Fall 2017	383	68%
Full term	383	68%
Spring 2018	318	66%
Full term	297	67%
A term	21	57%

Source: IR Program Assessment Data

Course Success Rates by IM and Sessions/Sub-sessions (4 of 4)

Course, IM and Session/Sub-session	2017-2018 Attempted	% Successful
MGF2107	574	66%
Online	385	63%
Summer 2017	98	70%
Fall 2017	139	69%
Full term	94	66%
B term	45	76%
Spring 2018	148	51%
Full term	107	49%
B term	41	59%
Lecture	166	73%
Fall 2017	98	74%
Full term	98	74%
Spring 2018	68	72%
Full term	68	72%
Hybrid	23	61%
Spring 2018	23	61%
Full term	23	61%
MHF4404	8	88%
Lecture	8	88%
Spring 2018	8	88%
Full term	8	88%
MTG4212	3	100%
Lecture	3	100%
Summer 2017	3	100%

Course, IM and Session/Sub-session	2017-2018 Attempted	% Successful
STA2023	1914	81%
Online	838	74%
Summer 2017	208	72%
Fall 2017	303	73%
Full term	225	76%
A term	38	66%
B term	40	65%
Spring 2018	327	76%
Full term	220	75%
A term	25	80%
B term	82	76%
Lecture	880	86%
Summer 2017	129	98%
Fall 2017	406	84%
Full term	339	83%
A term	67	87%
Spring 2018	345	85%
Full term	276	84%
A term	69	91%
Hybrid	196	84%
Fall 2017	76	87%
Full term	76	87%
Spring 2018	120	82%
Full term	120	82%
STA4024	6	83%
Lecture	6	83%
Spring 2018	6	83%
Full term	6	83%
Grand Total	11,890	71%

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Source: IR Program Assessment Data

Course Success Rates by Race and Ethnicity (1 of 4)

Course, IM and Race/Ethnicity	2017-2018 Attempted	% Successful
MAC1105	2337	72%
Online	826	68%
Am. Ind	1	100%
Asian	31	84%
Black	86	49%
Hawaii/Pac	1	100%
Hispanic	132	67%
Two or More Races	33	70%
White	542	70%
Lecture	1374	74%
Am. Ind	4	50%
Asian	44	84%
Black	140	63%
Hawaii/Pac	1	0%
Hispanic	238	68%
Two or More Races	57	74%
White	890	77%
Hybrid	137	75%
Asian	2	100%
Black	17	65%
Hispanic	36	75%
Two or More Races	3	100%
White	79	76%
MAC1114	786	68%
Online	325	74%
Am. Ind	2	50%
Asian	11	82%
Black	28	64%
Hispanic	58	69%
Two or More Races	17	71%
White	209	77%

Course, IM and Race/Ethnicity	2017-2018 Attempted	% Successful
MAC1114	786	68%
Lecture	461	64%
Asian	18	50%
Black	34	50%
Hispanic	73	63%
Two or More Races	23	52%
White	313	67%
MAC1140	719	72%
Online	282	76%
Asian	16	88%
Black	28	61%
Hispanic	52	81%
Two or More Races	12	50%
White	174	77%
Lecture	437	69%
Asian	13	85%
Black	40	50%
Hispanic	64	67%
Two or More Races	25	72%
White	295	71%
MAC2233	88	65%
Online	56	64%
Asian	5	60%
Black	2	0%
Hispanic	12	50%
White	37	73%
Lecture	32	66%
Asian	1	100%
Black	2	0%
Hispanic	6	83%
Two or More Races	4	50%
White	19	68%

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Source: IR Program Assessment Data

Course Success Rates by Race and Ethnicity (2 of 4)

Course, IM and Race/Ethnicity	2017-2018 Attempted	% Successful
MAC2311C	281	71%
Online	76	82%
Asian	2	50%
Black	4	100%
Hispanic	11	73%
Two or More Races	3	100%
White	56	82%
Lecture	205	67%
Asian	14	71%
Black	13	31%
Hawaii/Pac	1	100%
Hispanic	29	62%
Two or More Races	7	86%
White	141	70%
MAC2312C	123	67%
Lecture	123	67%
Asian	8	75%
Black	7	57%
Hawaii/Pac	1	0%
Hispanic	27	81%
Two or More Races	4	50%
White	76	63%
MAC2313C	72	72%
Lecture	72	72%
Asian	9	56%
Black	2	100%
Hispanic	20	70%
Two or More Races	3	33%
White	38	79%

Course, IM and Race/Ethnicity	2017-2018 Attempted	% Successful
MAP2302C	30	100%
Lecture	30	100%
Asian	8	100%
Black	1	100%
Hispanic	7	100%
White	14	100%
MAS3105	5	100%
Lecture	5	100%
Hispanic	1	100%
White	4	100%
MAS3301	6	50%
Lecture	6	50%
Hispanic	2	50%
White	4	50%
MAS4203	6	50%
Lecture	6	50%
Hispanic	2	0%
White	4	75%
MAT0018C	301	70%
Lecture	301	70%
Am. Ind	3	33%
Asian	6	100%
Black	61	52%
Hawaii/Pac	1	100%
Hispanic	61	80%
Two or More Races	11	64%
White	158	72%

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Source: IR Program Assessment Data

Course Success Rates by Race and Ethnicity (3 of 4)

Course, IM and Race/Ethnicity	2017-2018 Attempted	% Successful
MAT0028C	538	70%
Lecture	538	70%
Am. Ind	1	100%
Asian	14	79%
Black	84	63%
Hawaii/Pac	1	100%
Hispanic	133	71%
Two or More Races	17	65%
White	288	70%
MAT0055L	136	65%
Lecture	136	65%
Am. Ind	1	0%
Asian	3	67%
Black	18	39%
Hispanic	26	77%
Two or More Races	10	60%
White	78	68%
MAT0056L	105	90%
Lecture	105	90%
Asian	1	100%
Black	22	91%
Hispanic	11	91%
Two or More Races	4	75%
White	67	91%
MAT1033	1616	65%
Online	597	67%
Asian	11	82%
Black	78	47%
Hispanic	121	63%
Two or More Races	27	67%
White	360	72%

Course, IM and Race/Ethnicity	2017-2018 Attempted	% Successful
MAT1033	1616	65%
Lecture	1019	63%
Am. Ind	3	100%
Asian	22	68%
Black	169	46%
Hawaii/Pac	1	100%
Hispanic	230	67%
Two or More Races	46	48%
White	548	68%
MAT1033A	139	65%
Lecture	139	65%
Am. Ind	1	0%
Asian	3	67%
Black	18	39%
Hispanic	26	77%
Two or More Races	10	60%
White	81	69%
MGF2106	1910	70%
Online	872	69%
Am. Ind	3	100%
Asian	16	75%
Black	150	49%
Hispanic	137	70%
Two or More Races	24	58%
White	542	75%
Lecture	348	79%
Am. Ind	1	100%
Asian	7	86%
Black	65	66%
Hawaii/Pac	1	100%
Hispanic	74	85%
Two or More Races	17	65%
White	183	83%

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Course Success Rates by Race and Ethnicity (4 of 4)

Course, IM and Race/Ethnicity	2017-2018 Attempted	% Successful
MGF2106	1910	70%
Hybrid	690	67%
Am. Ind	1	100%
Asian	4	75%
Black	138	59%
Hispanic	145	63%
Two or More Races	28	79%
White	374	71%
MGF2107	562	66%
Online	377	63%
Am. Ind	1	100%
Asian	1	100%
Black	77	53%
Hispanic	51	76%
Two or More Races	16	44%
White	231	64%
Lecture	163	73%
Asian	1	0%
Black	31	65%
Hispanic	21	86%
Two or More Races	5	100%
White	105	72%
Hybrid	22	64%
Black	2	50%
Hispanic	3	67%
Two or More Races	1	100%
White	16	63%
MHF4404	8	88%
Lecture	8	88%
Hispanic	3	100%
White	5	80%

Course, IM and Race/Ethnicity	2017-2018 Attempted	% Successful
MTG4212	3	100%
Lecture	3	100%
Hispanic	1	100%
White	2	100%
STA2023	1885	81%
Online	825	74%
Am. Ind	2	100%
Asian	21	95%
Black	91	60%
Hawaii/Pac	1	100%
Hispanic	147	66%
Two or More Races	33	67%
White	530	78%
Lecture	865	86%
Am. Ind	1	100%
Asian	15	87%
Black	98	79%
Hawaii/Pac	2	50%
Hispanic	171	84%
Two or More Races	33	91%
White	545	88%
Hybrid	195	84%
Asian	5	60%
Black	28	79%
Hawaii/Pac	2	50%
Hispanic	41	83%
Two or More Races	4	75%
White	115	87%
STA4024	6	83%
Lecture	6	83%
White	6	83%
Grand Total	11662	71%

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Source: IR Program Assessment Data

Course Success Rates for Guaranteed Sections

Course	2016-2017		Overall	2017-2018		Overall
	Attempted	% Successful		Attempted	% Successful	
MAC1105	60	85%	69%	76	86%	72%
MAT1033	80	66%	67%	89	64%	65%
MGF2106	117	69%	76%	124	76%	70%
STA2023	63	97%	75%	136	89%	81%
Total	320	77%		425	79%	

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Source: IR Program Assessment Data

Course Success Rates for Dual Enrolled Students

Course	2017-2018		2017-2018 Overall
	Attempted	% Successful	
MAC1105	391	91%	72%
MAC1114	66	85%	68%
MAC1140	70	91%	72%
MAC2233	3	67%	66%
MAC2311C	13	85%	71%
MAC2312C	4	75%	67%
MAC2313C	2	50%	72%
MAP2302C	1	100%	97%
MAT1033	199	90%	65%
MGF2106	21	95%	70%
MGF2107	6	83%	66%
STA2023	129	96%	81%
Grand Total	905	91%	

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Source: IR Program Assessment Data

Grade Distribution (1 of 3)

Course	Summer 2017							
	A	B	C	D	F	FNs	Ws	W1s
MAC1105	91	95	62	11	29	7	24	8
MAC1114	42	38	27	5	13	1	11	3
MAC1140	43	33	17	7	5	8	17	0
MAC2233	4	11	6	1	1	0	3	0
MAC2311C	7	15	16	2	3	3	4	0
MAC2312C	4	11	7	1	0	1	0	0
MAC2313C	4	2	4	2	1	0	0	0
MAT0018C	13	14	11	1	4	1	3	3
MAT0028C	29	27	13	3	8	0	5	4
MAT0056L	0	0	0	0	0	0	0	0
MAT1033	51	53	21	9	15	5	13	0
MGF2106	71	68	56	21	18	4	4	6
MGF2107	21	25	23	2	10	8	9	0
MTG4212	2	1	0	0	0	0	0	0
STA2023	116	91	68	13	16	8	22	3
SU17 Total	498(29.3%)	484(28.4%)	331(19.4%)	78(4.6%)	123(7.2%)	46(2.7%)	115(6.8%)	27(1.6%)

Source: IR Program Assessment Data

Grade Distribution

Course	Fall 2017							
	A	B	C	D	F	FNs	Ws	W1s
MAC1105	303	318	244	70	109	24	81	41
MAC1114	49	78	77	22	28	12	34	4
MAC1140	77	77	70	20	22	5	20	11
MAC2233	4	10	4	0	2	1	3	1
MAC2311C	16	24	30	10	14	2	14	1
MAC2312C	5	13	11	3	6	0	9	2
MAC2313C	3	10	8	1	4	0	3	1
MAP2302C	16	5	2	0	0	0	0	0
MAS3301	1	0	2	0	3	0	0	0
MAS4203	1	1	1	0	3	0	0	0
MAT0018C	29	60	19	11	26	3	4	9
MAT0028C	44	69	73	25	45	10	12	5
MAT0055L	30	22	21	4	19	3	4	4
MAT0056L	0	0	0	0	0	0	9	0
MAT1033	197	239	157	58	116	31	68	65
MAT1033A	32	21	22	4	19	3	4	4
MGF2106	184	225	237	68	92	28	24	54
MGF2107	35	67	67	9	13	12	22	12
STA2023	249	253	126	29	52	9	54	13
FA17 Total	1,275(22.8%)	1,492(26.7%)	1,171(21%)	334(6%)	573(10.3%)	143(2.6%)	365(6.5%)	227(4.1%)

Source: IR Program Assessment Data

Grade Distribution

Course	Spring 2018							
	A	B	C	D	F	FNs	Ws	W1s
MAC1105	171	228	210	48	95	9	83	28
MAC1114	63	81	95	21	33	7	47	15
MAC1140	82	53	74	26	21	4	35	5
MAC2233	6	11	4	4	5	3	7	0
MAC2311C	22	39	34	5	13	0	10	3
MAC2312C	4	13	15	5	4	1	7	2
MAC2313C	5	7	11	1	1	0	7	0
MAP2302C	5	4	1	0	1	0	0	0
MAS3105	3	1	1	0	0	0	0	0
MAT0018C	18	29	21	1	11	1	4	10
MAT0028C	30	61	35	14	18	5	9	4
MAT0055L	6	4	6	2	7	2	3	1
MAT0056L	0	0	0	0	0	0	1	0
MAT1033	132	132	85	29	65	18	48	36
MAT1033A	7	4	6	2	8	1	3	1
MGF2106	174	179	170	57	77	27	37	63
MGF2107	38	49	52	11	31	15	22	21
MHF4404	4	2	1	0	1	0	0	0
STA2023	229	249	162	26	42	9	57	18
STA4024	4	1	0	0	0	0	1	0
SP18 Total	1,003(22.2%)	1,147(25.4%)	983(21.8%)	252(5.6%)	433(9.6%)	102(2.3%)	381(8.5%)	207(4.6%)

Source: IR Program Assessment Data

Average Class Size by Course

Course	2014-2015		2015-2016		2016-2017		2017-2018	
	Sections	Avg. Size	Sections	Avg. Size	Sections	Avg. Size	Sections	Avg. Size
MAT0018	45	16	28	18	27	15	24	13
MAT0022	3	2	1	9				
MAT0028C	84	19	61	20	46	17	35	16
MAT0055L					9	21	7	20
MAT0056L					5	13	14	8
MAT1033	88	24	74	24	67	26	61	27
MAT1033A	16	25	12	25	9	22	7	20
MAC1105	106	28	97	29	97	25	89	27
MAC1114	23	28	22	30	23	31	27	30
MAC1140	23	29	23	29	23	29	25	29
STA2023	61	29	66	32	78	27	79	24
MGF2106	70	30	85	28	80	27	82	24
MGF2107	15	33	17	29	18	34	19	30
MAC2233	5	17	5	20	5	17	5	18
MAC2311C	10	25	10	26	12	26	11	26
MAC2312C	5	22	4	34	6	24	6	21
MAC2313C	3	20	3	24	3	23	3	25
MAP2302C	3	11	2	21	2	22	2	17
MAS3105	1	6	1	10	1	5	1	5
MAS3301	1	5			1	4	1	6
MAS4203	1	6	1	5			1	6
MHF4404	1	10	1	10			1	8
MTG4212			1	5	1	7	1	3
STA4024	1	5	1	4	1	5	1	6
Total	589	25	516	26	515	25	502	24

Blank cells or missing years indicate no enrollment.
To prevent data from skewing, the following instructional methods are excluded: Labs associated with lectures, Private/Performance, OJT, Clinicals, Co-op, DIS, Field trips and Internship

Source: IR Program Assessment Data

Average Class Size – Multiple Methods Only

Course	Instructional Method	2014-2015		2015-2016		2016-2017		2017-2018	
		Sections	Avg. Size	Sections	Avg. Size	Sections	Avg. Size	Sections	Avg. Size
MAC1105	Lecture	73	29	63	30	63	25	54	26
	Hybrid	3		3	25	6	26	6	23
	Online	33	26	31	26	28	26	29	29
MAC1114	Lecture	16	27	13	28	14	31	15	32
	Hybrid			1	33				
	Online	7	32	8	34	9	30	12	28
MAC1140	Lecture	15	30	15	30	15	30	15	30
	Online	8	29	8	26	8	25	10	29
MAC2233	Lecture	2	16	2	21	2	18	2	18
	Online	3	17	3	19	3	17	3	19
MAC2311C	Lecture					9	27	8	26
	Online					3	26	3	26
MAT1033	Lecture	59	25	52	23	46	25	39	26
	Online	29	23	22	26	21	28	22	28
MAT0056L	Lecture					4	7		
	Online					1	39		
MGF2106	Lecture	27	30	28	31	18	24	20	18
	Hybrid			12	27	24	30	25	28
	Online	43	29	45	27	38	27	37	24
MGF2107	Lecture	5	30	6	26	8	31	7	24
	Hybrid							1	23
	Online	10	35	11	31	10	36	11	35
STA2023	Lecture	38	29	39	30	41	26	38	23
	Hybrid					4	26	10	20
	Online	23	30	27	34	33	29	31	27

To prevent data from skewing, the following instructional methods are excluded: labs associated with lectures, Private/Performance, OJT, clinicals, co-op, DIS, field trips and internships.

Source: IR Program Assessment Data

College Total

Instructional Method	2014-15 Avg. Size	2015-16 Avg. Size	2016-17 Avg. Size	2017-18 Avg. Size
Hybrid	22	21	23	22
Lecture	22	22	21	21
Online	29	30	30	29

Overall Average Class Size by Instructional Methods

Department and Instructional Method		2016-2017		2017-2018	
		Sections	Avg. Size	Sections	Avg. Size
School of Mathematics	Hybrid	34	29	42	25
	Lecture	327	23	302	22
	Online	154	28	158	27
Total		515	25	502	24

Years are reporting years, SU-SP.
This includes component of 'CMB, LEC' and mode of 'ON, P, WA, WE'

Source: IR Program Assessment Data

Average Class Size By Campus (1 of 2)

Courses and Campus	2017-2018 Sections	2017-2018 Avg. Size
MAC1105	89	27
Daytona	28	27
Deltona	5	26
DeLand	12	24
Flagler/Palm Coast	10	27
New Smyrna Beach	5	19
Online	29	29
MAC1114	27	30
Daytona	9	33
DeLand	4	32
Flagler/Palm Coast	2	25
Online	12	28
MAC1140	25	29
Daytona	9	32
DeLand	4	30
Flagler/Palm Coast	2	19
Online	10	29
MAC2233	5	18
Daytona	2	18
Online	3	19
MAC2311C	11	26
Daytona	8	26
Online	3	26
MAC2312C	6	21
Daytona	6	21
MAC2313C	3	25
Daytona	3	25
MAP2302C	2	17
Daytona	2	17
MAS3105	1	5
Daytona	1	5
MAS3301	1	6
Daytona	1	6
MAS4203	1	6
Daytona	1	6

Courses and Campus	2017-2018 Sections	2017-2018 Avg. Size
MAT0018C	24	13
Daytona	10	17
Deltona	4	12
DeLand	3	10
Flagler/Palm Coast	5	10
New Smyrna Beach	2	6
MAT0028C	35	16
Daytona	14	17
Deltona	7	16
DeLand	6	15
Flagler/Palm Coast	5	15
New Smyrna Beach	3	11
MAT0055L	7	20
Daytona	4	21
DeLand	1	14
Flagler/Palm Coast	1	20
New Smyrna Beach	1	20
MAT0056L	14	8
Daytona	4	18
Deltona	3	4
DeLand	3	5
Flagler/Palm Coast	1	4
New Smyrna Beach	3	3
MAT1033	61	27
Daytona	20	26
Deltona	5	29
DeLand	5	34
Flagler/Palm Coast	6	25
New Smyrna Beach	3	16
Online	22	28
MAT1033A	7	20
Daytona	4	21
DeLand	1	16
Flagler/Palm Coast	1	20
New Smyrna Beach	1	20

To prevent data from skewing, the following instructional methods are excluded: labs associated with lectures, Private/Performance, OJT, clinicals, co-op, DIS, field trips and internships. Years are reporting years, SU-SP. Blank cells or missing years indicate no enrollment.

Source: IR Program Assessment Data

Average Class Size By Campus (2 of 2)

Courses and Campus	2017-2018	
	Sections	Avg. Size
MGF2106	82	24
Daytona	27	25
Deltona	5	21
DeLand	6	24
Flagler/Palm Coast	3	20
New Smyrna Beach	4	16
Online	37	24
MGF2107	19	30
Daytona	6	23
Flagler/Palm Coast	2	25
Online	11	35
MHF4404	1	8
Daytona	1	8
MTG4212	1	3
Daytona	1	3
STA2023	79	24
Daytona	26	22
Deltona	3	18
DeLand	9	27
Flagler/Palm Coast	5	22
New Smyrna Beach	5	20
Online	31	27
STA4024	1	6
Daytona	1	6
Grand Total	502	24

To prevent data from skewing, the following instructional methods are excluded: labs associated with lectures, Private/Performance, OJT, clinicals, co-op, DIS, field trips and internships. Years are reporting years, SU-SP. Blank cells or missing years indicate no enrollment.

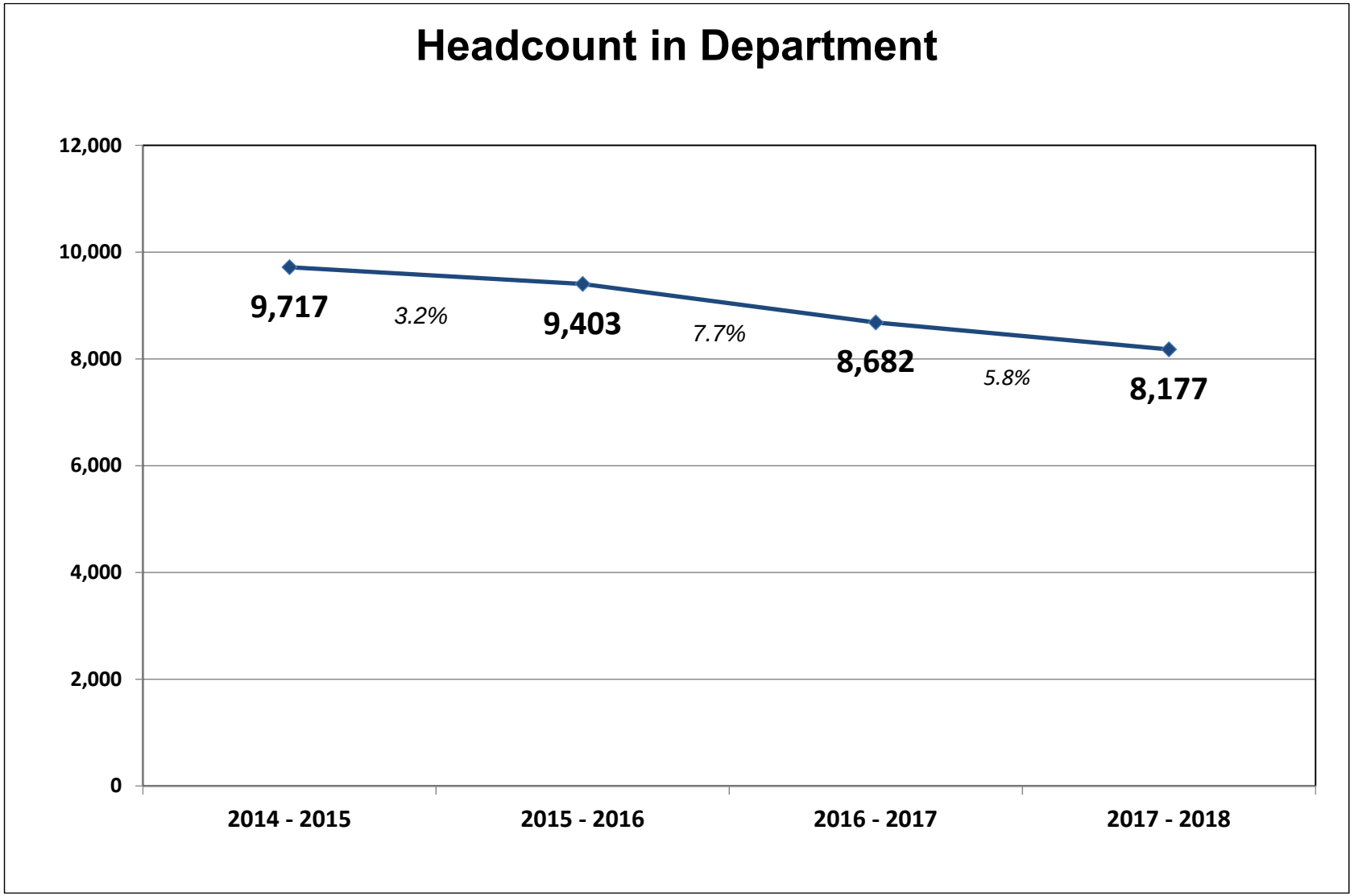
Source: IR Program Assessment Data

Overall Average Class Size by Campus

Department and Instructional Method		2017-2018 Sections	2017-2018 Avg. Size
School of Mathematics	DAYTONA	188	24
	DELTONA	32	19
	DELAND	54	23
	FLAGLER	43	21
	NSB	27	15
	ONLINE	158	27
	TOTAL	502	24

Years are reporting years, SU-SP.
This includes component of 'CMB, LEC' and mode of 'ON, P, WA, WE'

Source: IR Program Assessment Data

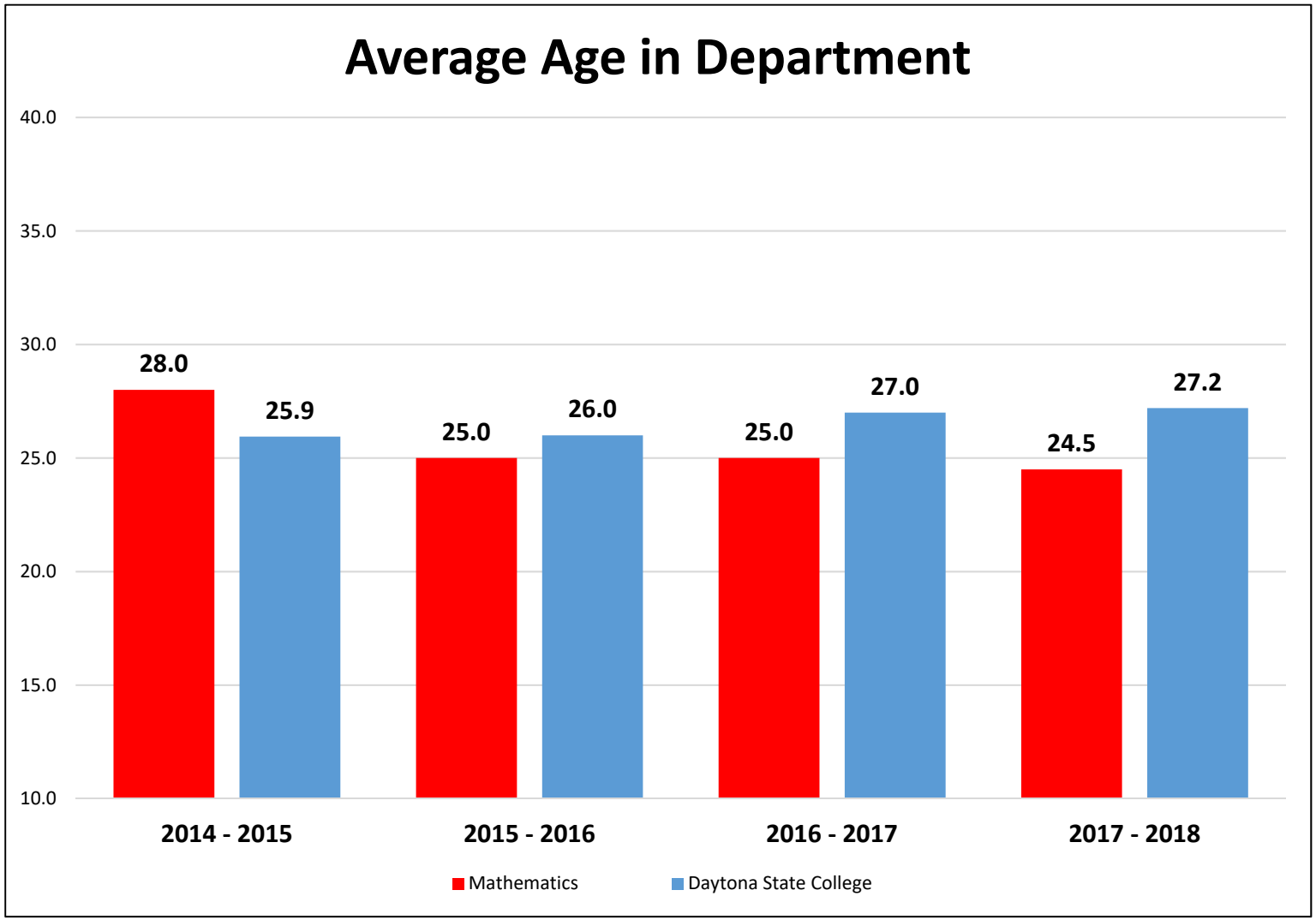


College Enrollment Decreased: 0.7%(14/15); 1.15% (15/16); 3.7%(16/17); 0.7%(17/18)

Dual Enrollment count for 2017-2018: 587

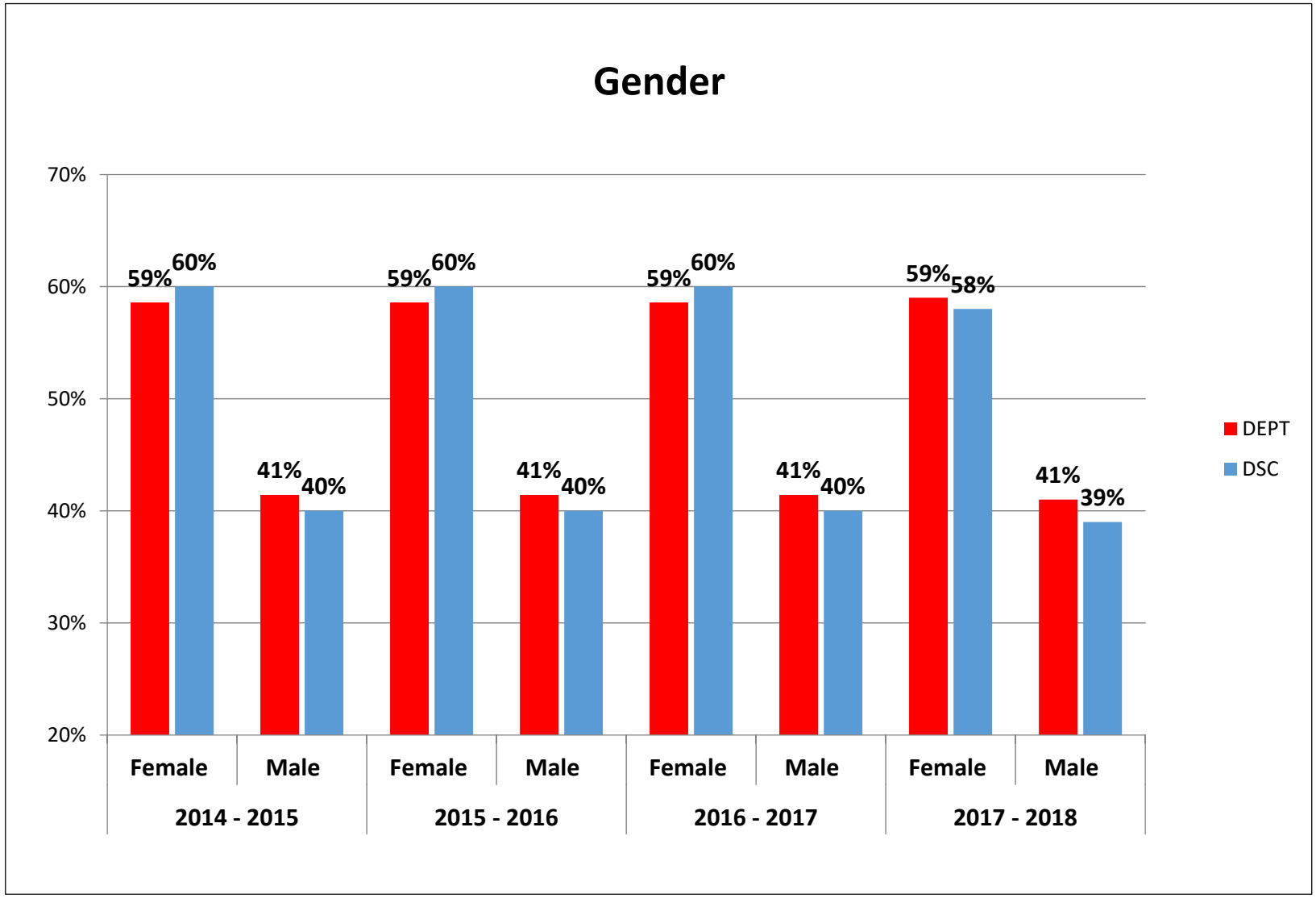
Source: IR Program Assessment Data

Headcount in department includes students taking courses in the department.



Source: IR Program Assessment Data

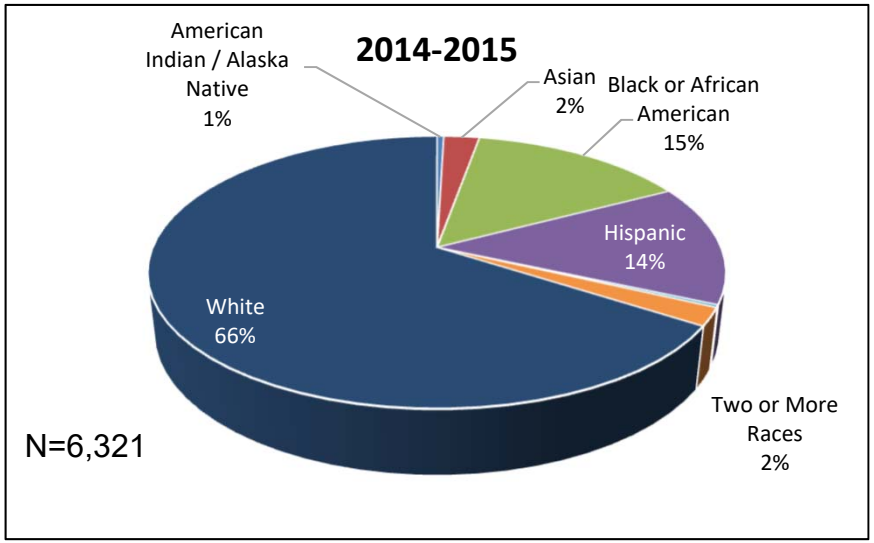
Calculation excludes individuals whose birthdates are not reported.

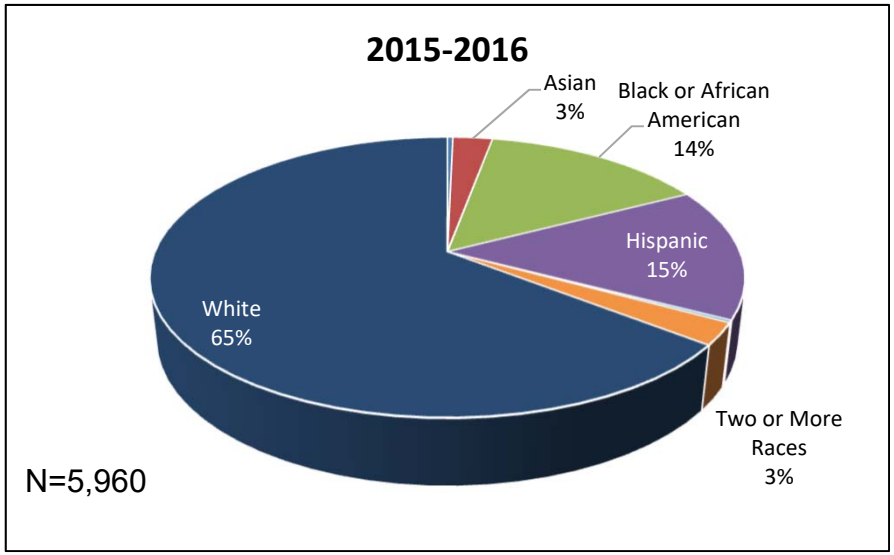


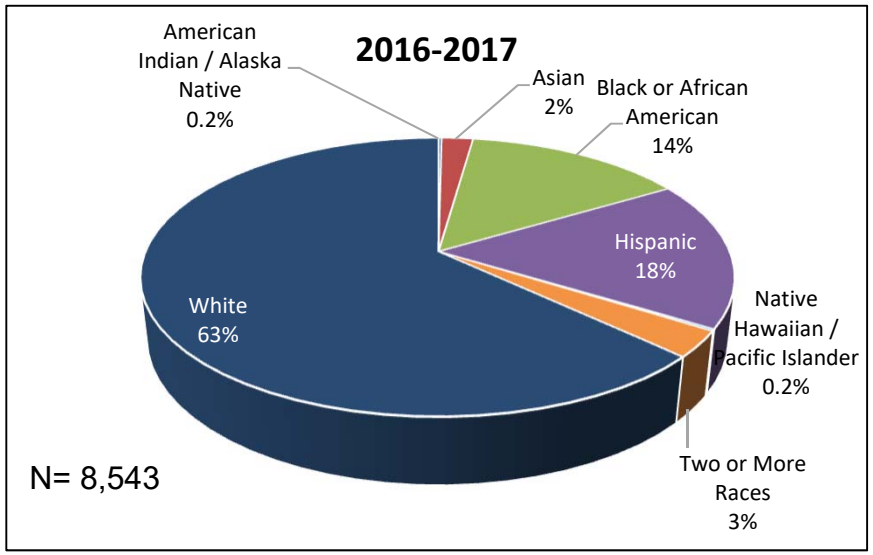
Source: IR Program Assessment Data

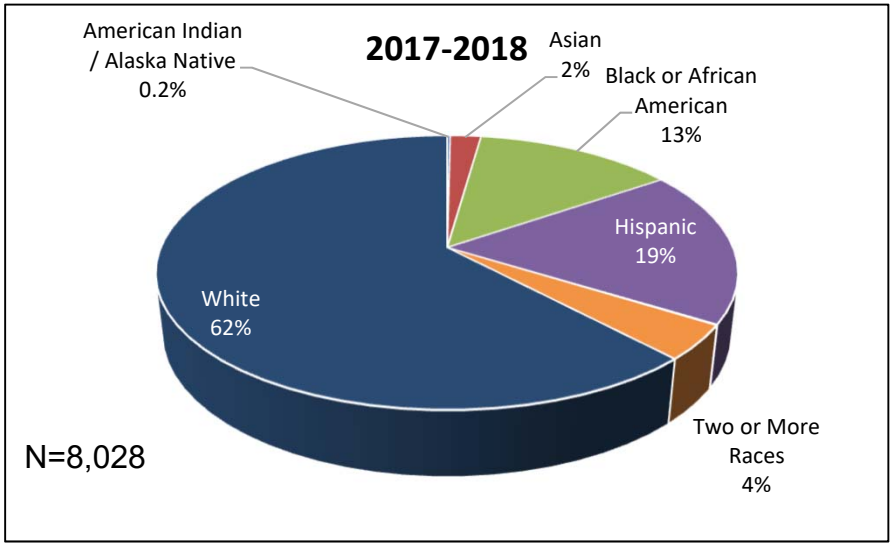
Excludes individuals whose gender is not reported.

Enrollment by Race/Ethnicity









DSC Averages 2017-2018			
Black or African Amer	Hispanic	2 or More Races	White
14%	**19%**	**3%**	**59%**

Excludes individuals whose race / ethnicity is not reported.

Source: IR Program Assessment Data