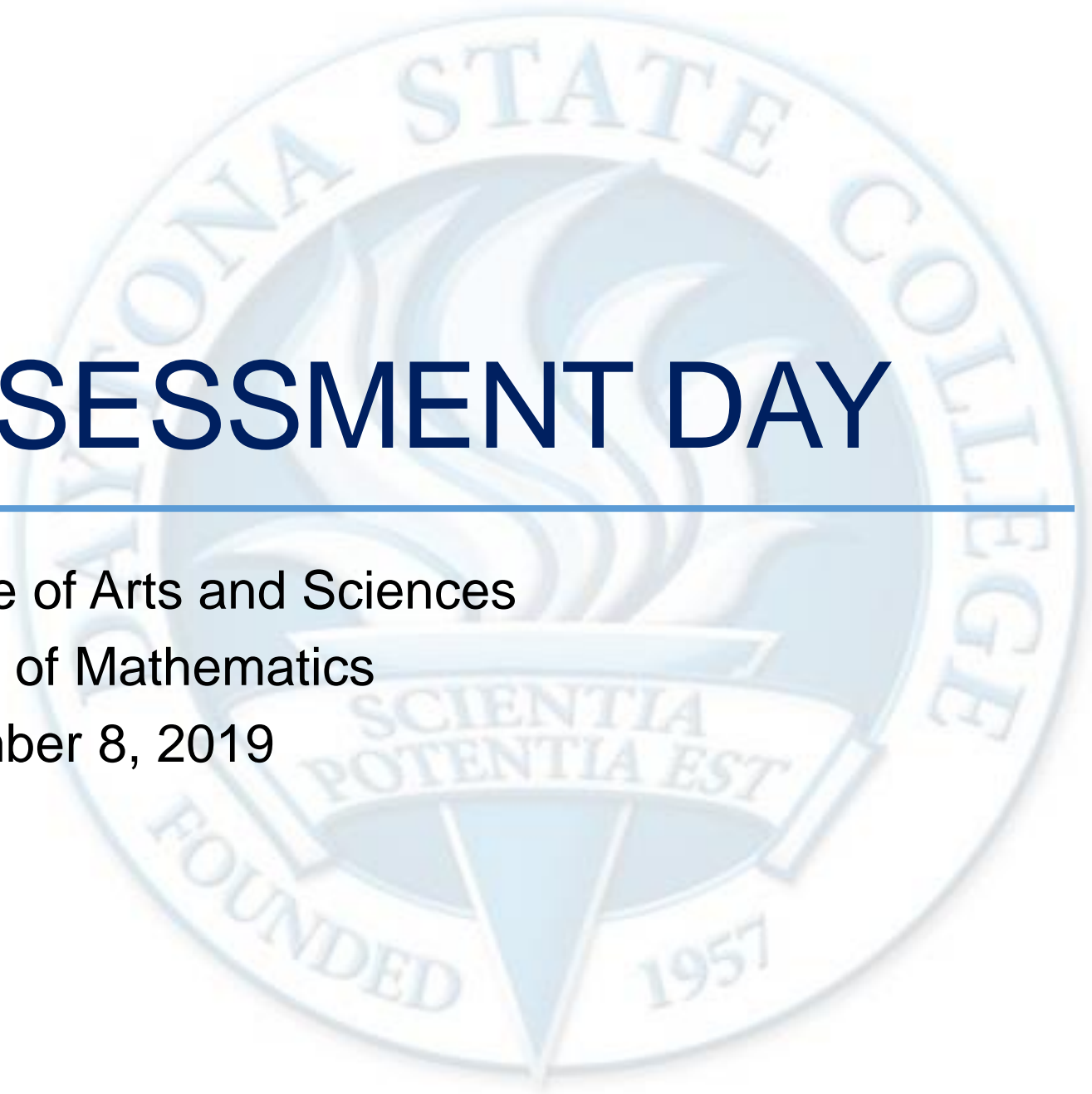


ASSESSMENT DAY

College of Arts and Sciences

School of Mathematics

November 8, 2019



Strengths

Challenges

Recommendations

Academic Assessment

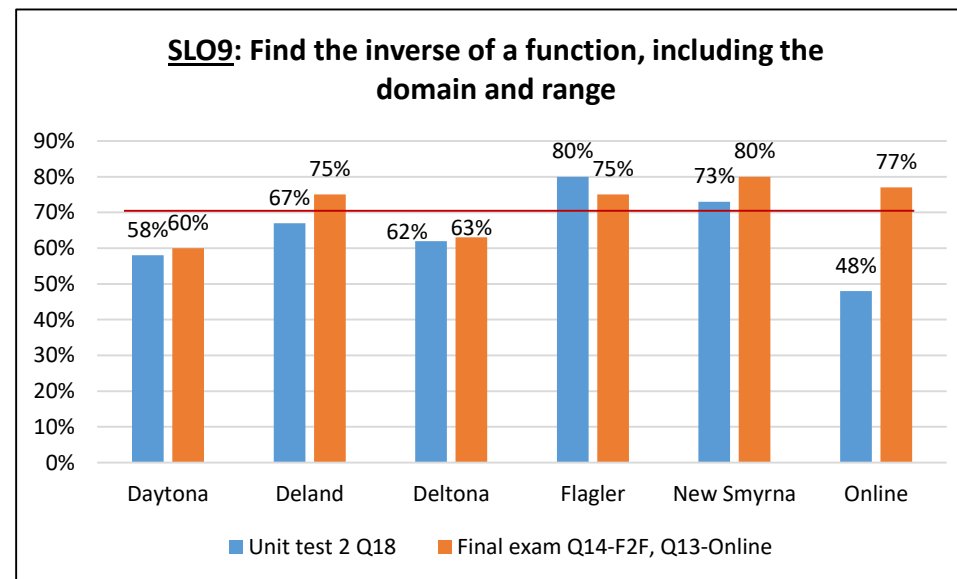
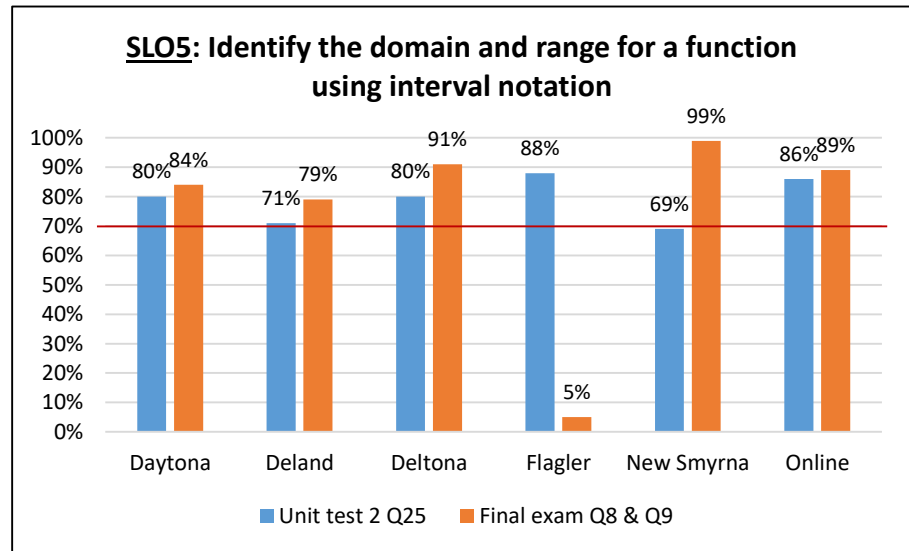
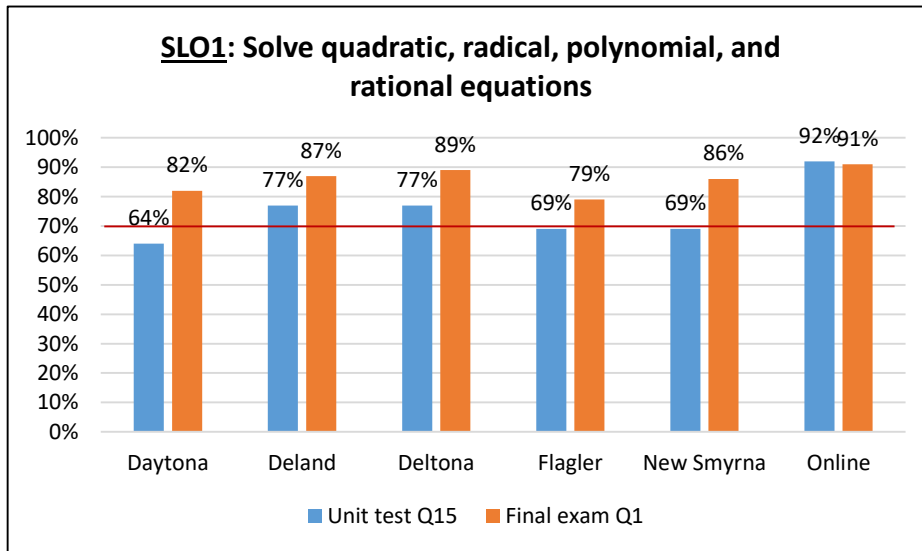
	LEVEL	FOCUS	CONDUCTED BY	FREQUENCY
Academic Success Committee	Program	<ul style="list-style-type: none"> Quality of assessment practices 	Committee of peers	Years 1 & 2
Instructional Program Review	Program / Cluster	<ul style="list-style-type: none"> Enrollment, retention, completion Industry certifications and job placement Program budget and staffing Advisory committees Curriculum changes 	Committee of peers	Year 3
Assessment Day	Course/ Program	<ul style="list-style-type: none"> 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 (11/30/2018):

- Faculty participation and curriculum alignment
- Cross training
- Submit hospitality request at budget time
- SLS contextualized assignment coordinated with office hours visit
- Proctoring (able to, funds?) exams for online courses
- Review the communication e-mails regarding dropped students

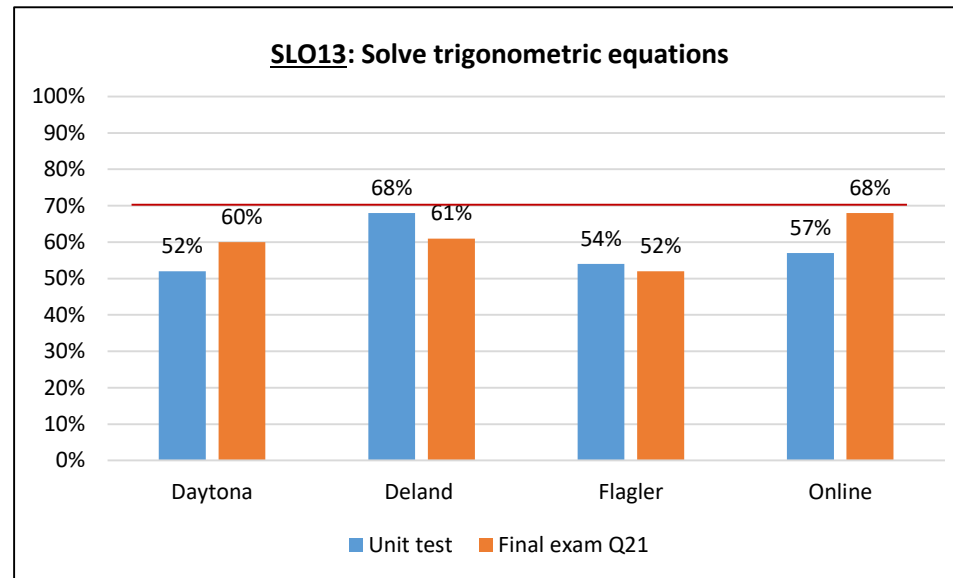
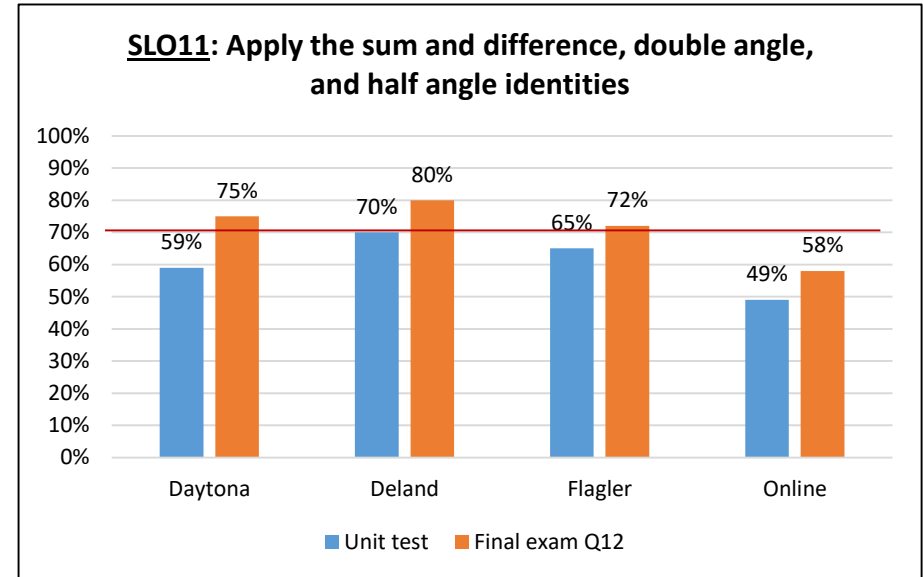
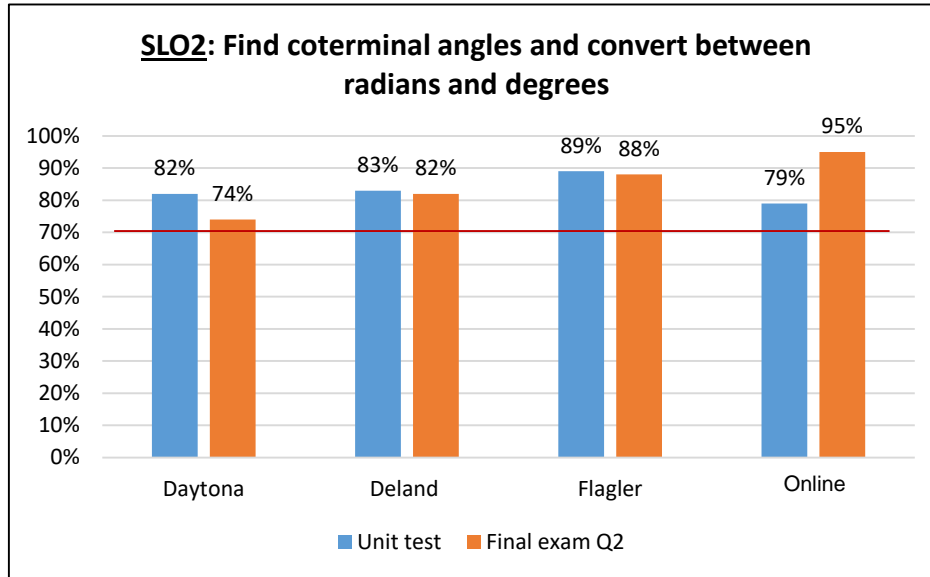
Course Assessment Data – MAC1105



Success Rate 2018-2019: 69%

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

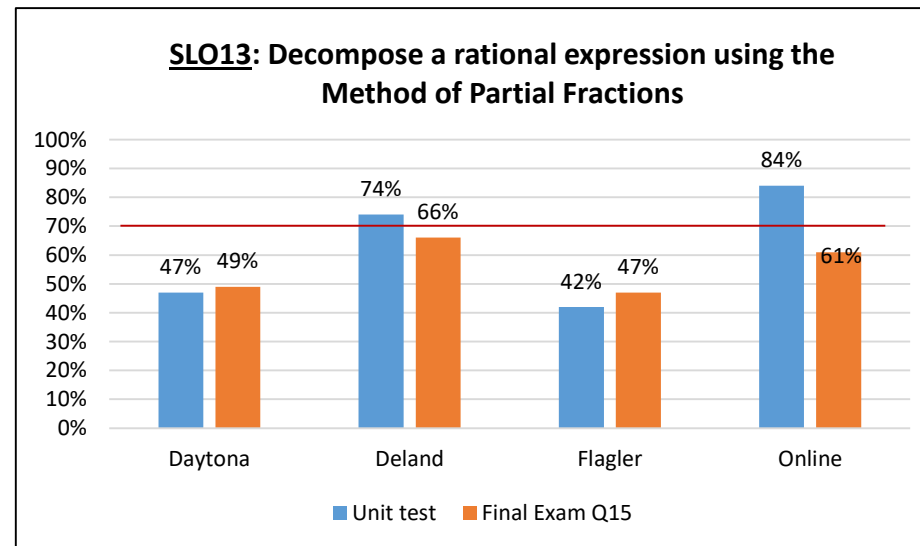
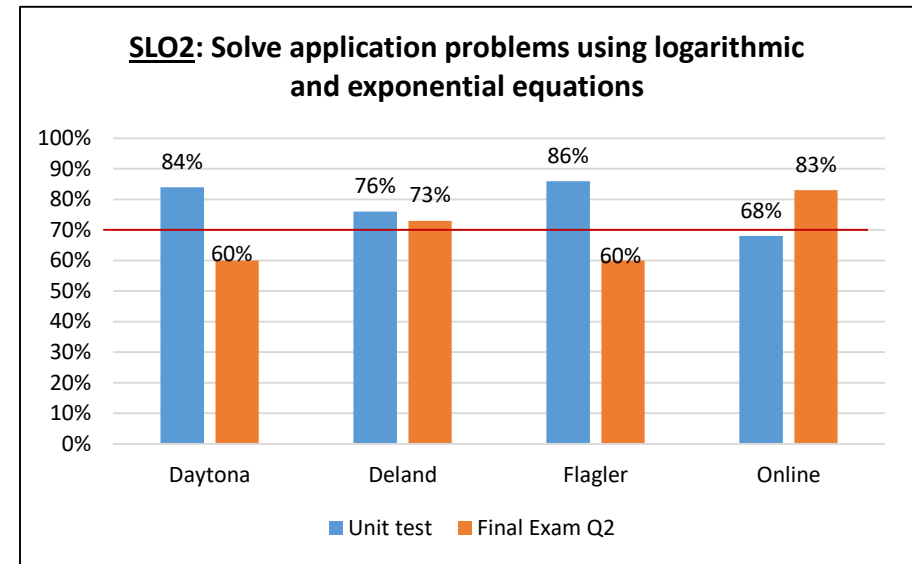
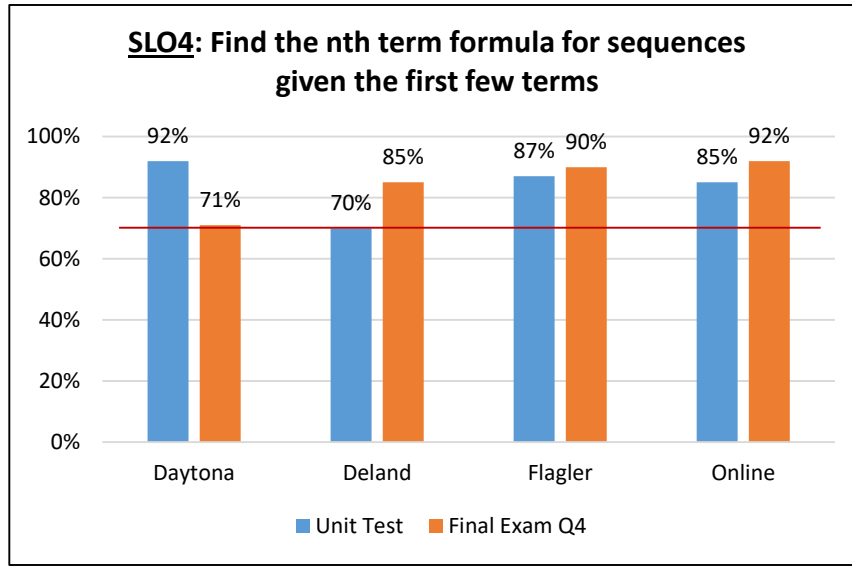
Course Assessment Data – MAC1114



Success Rate 2018-2019: 65%

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

Course Assessment Data – MAC1140

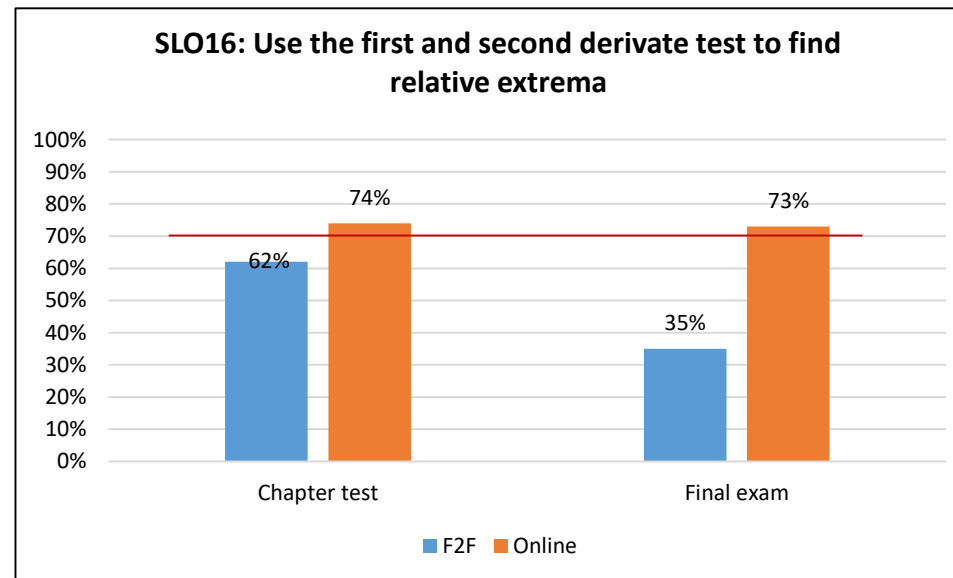
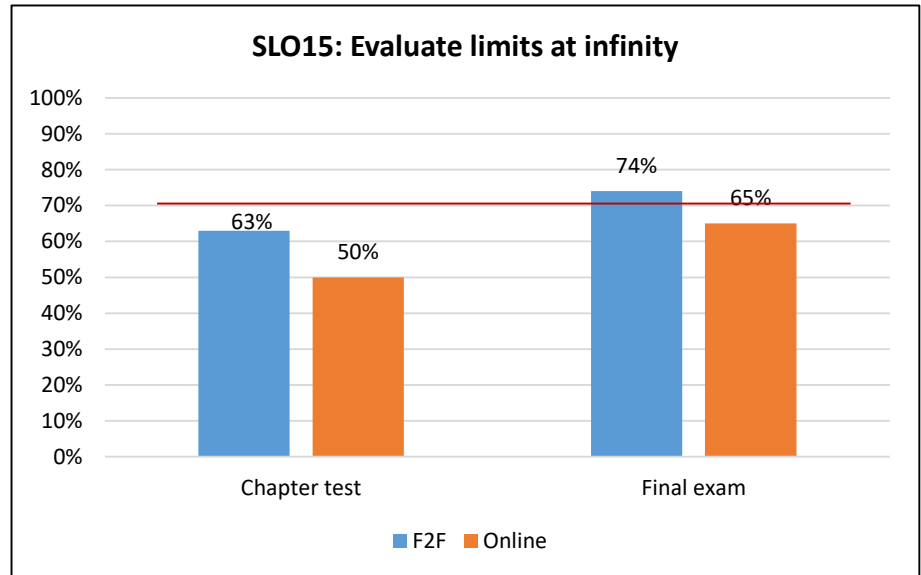
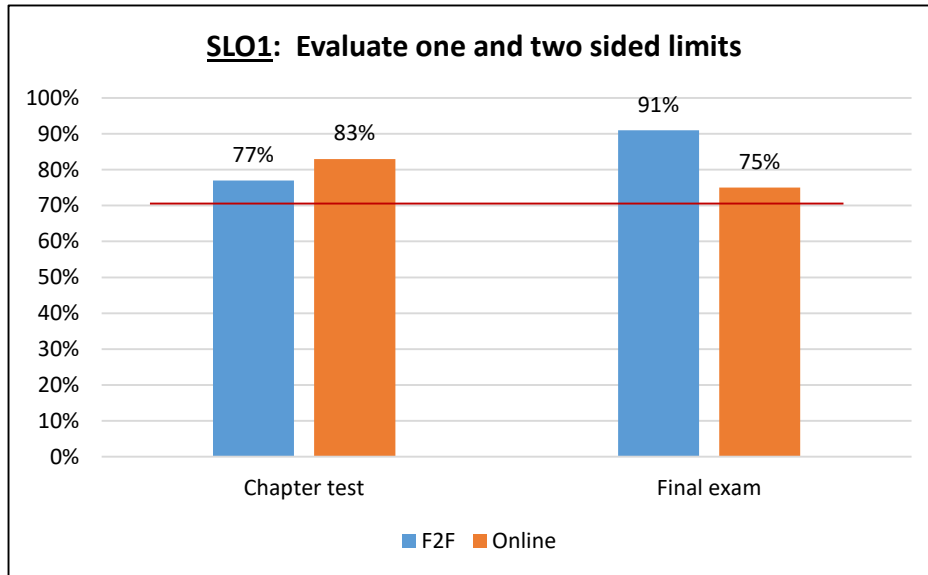


Success Rate 2018-2019: 75%

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

Observation: Alignment with PLO or ILO is missing

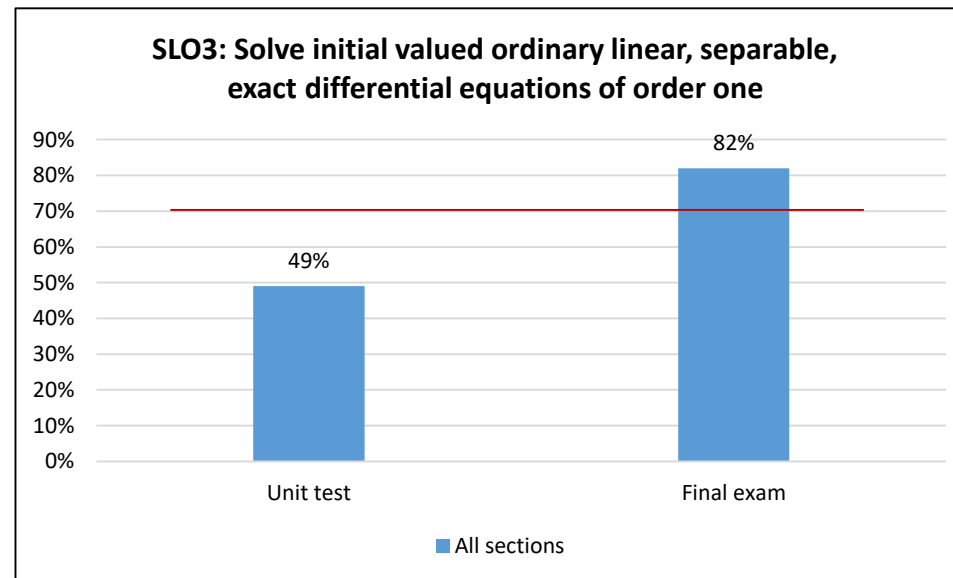
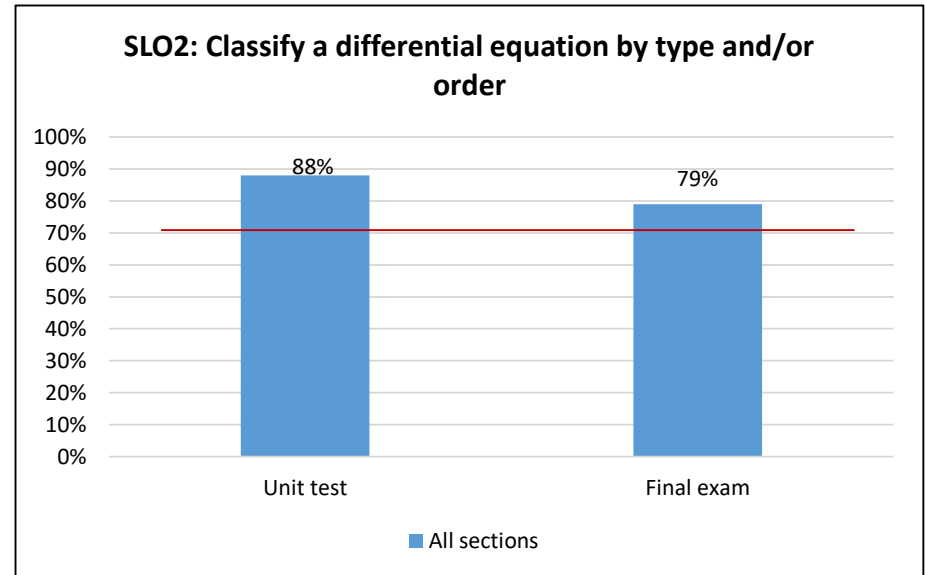
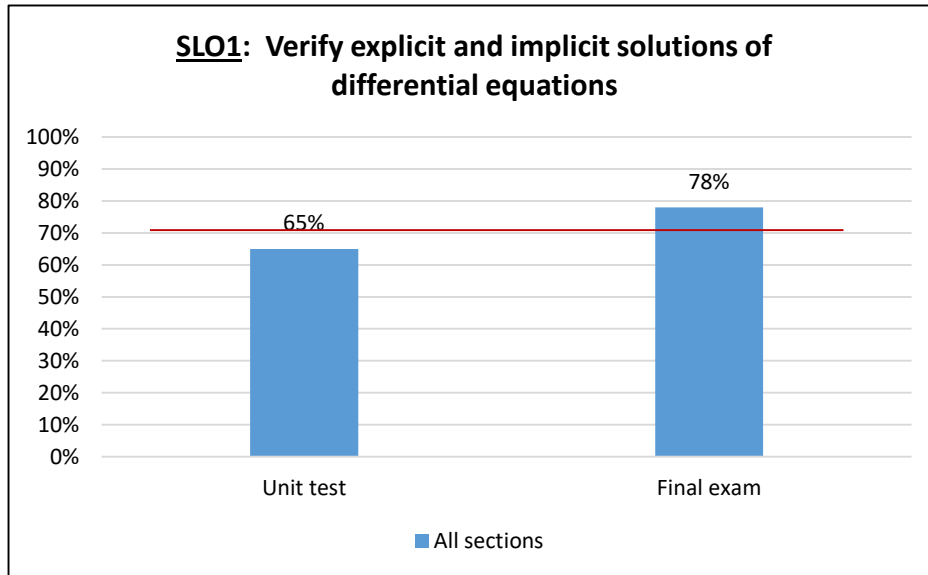
Course Assessment Data – MAC2311



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

Success Rate 2018-2019: 68%

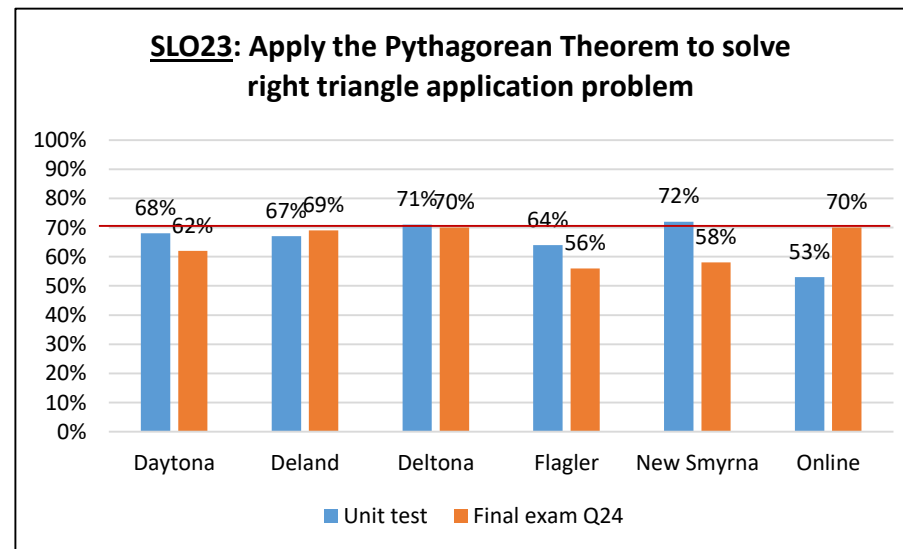
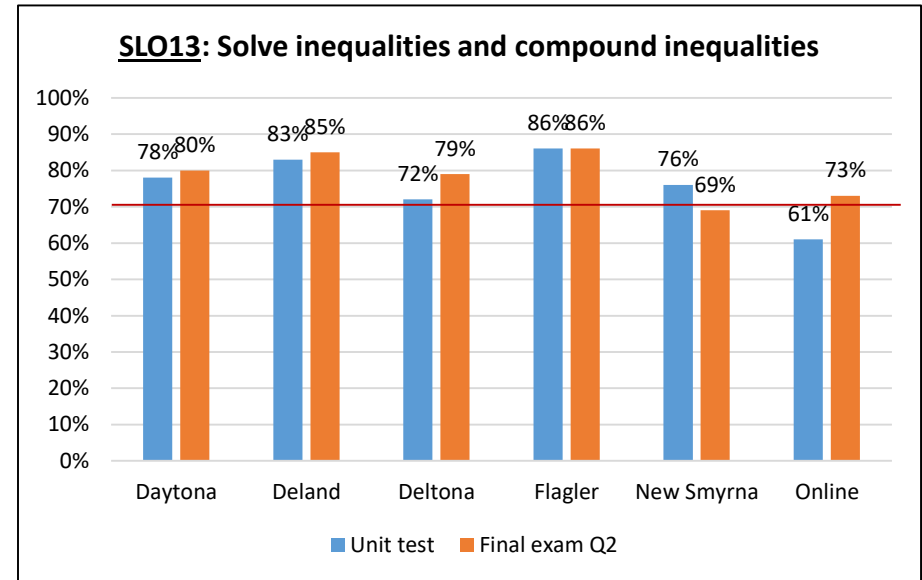
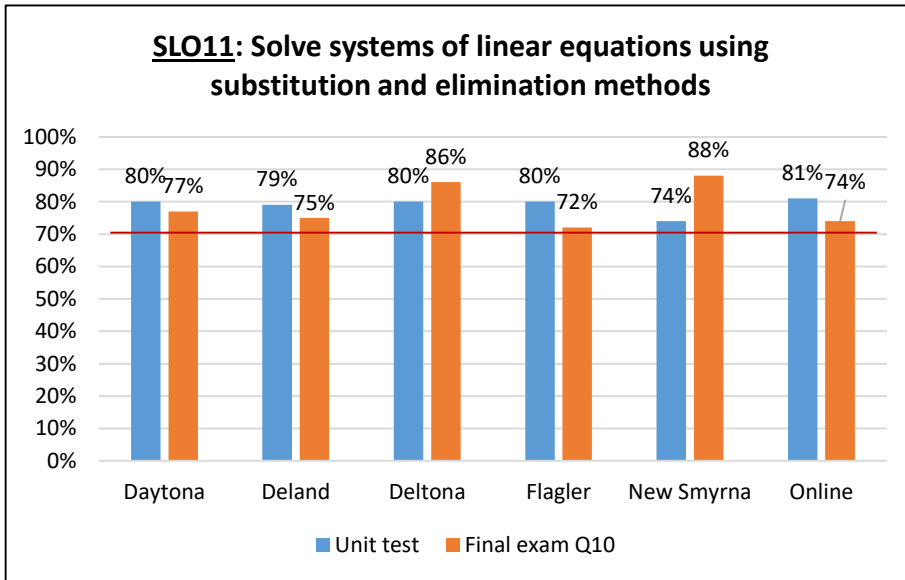
Course Assessment Data – MAP2302



Success Rate 2018-2019: 70%

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

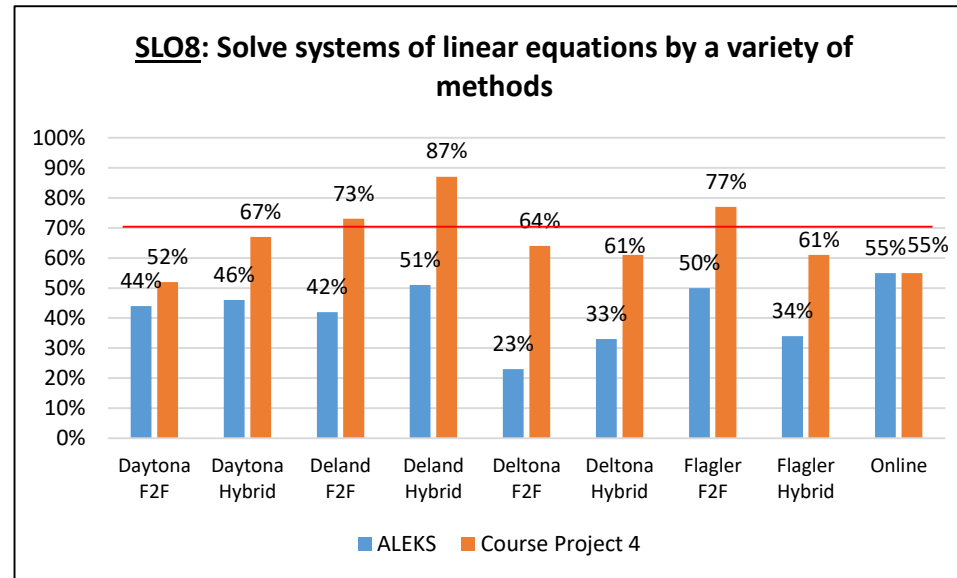
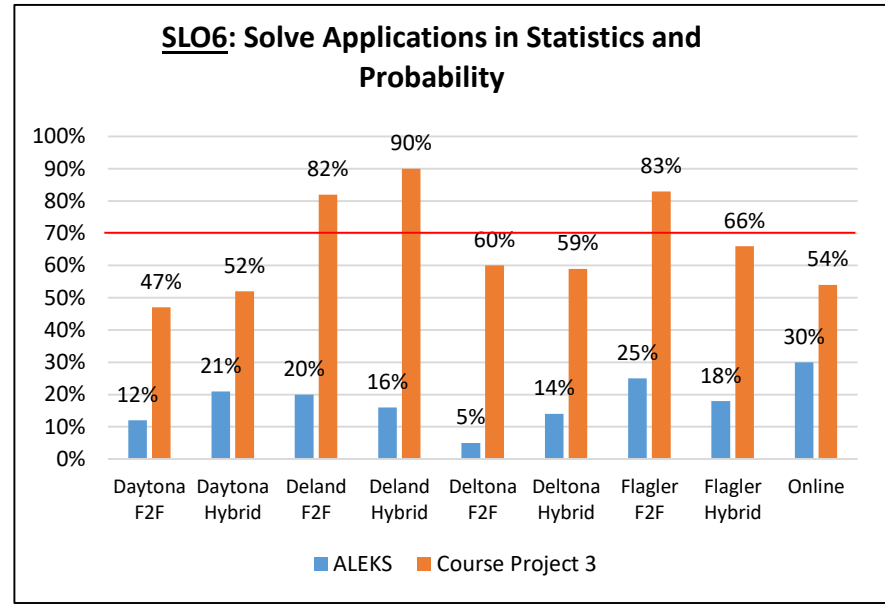
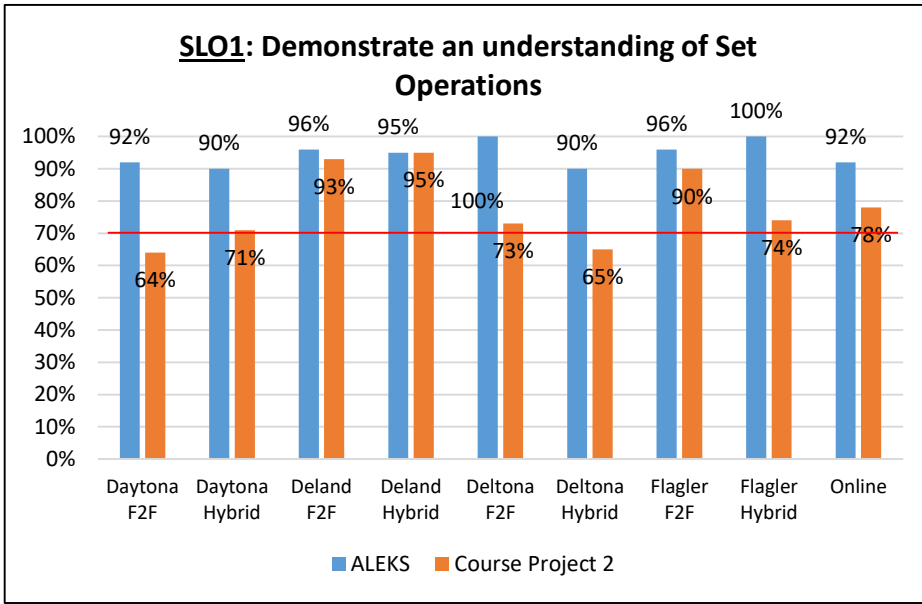
Course Assessment Data – MAT1033



Success Rate 2018-2019: 70%

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

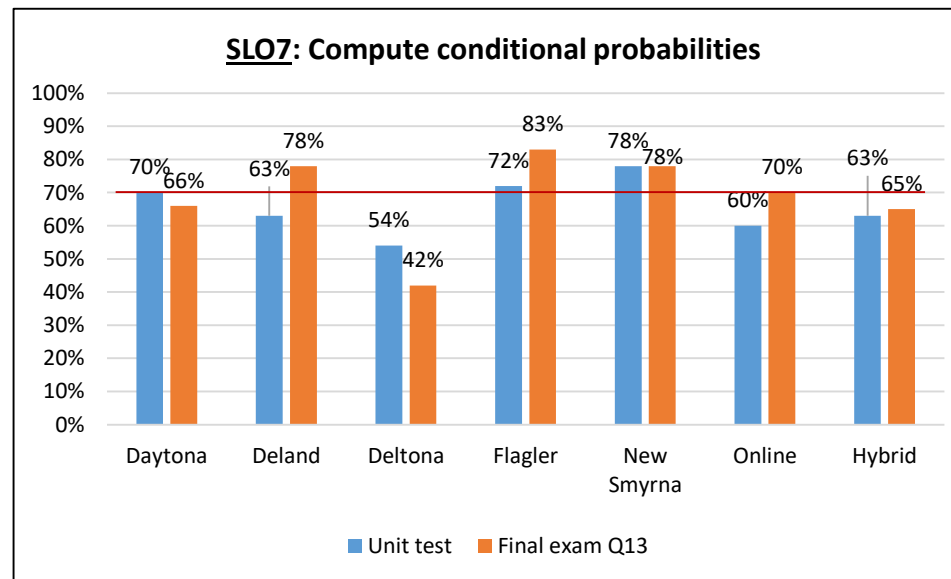
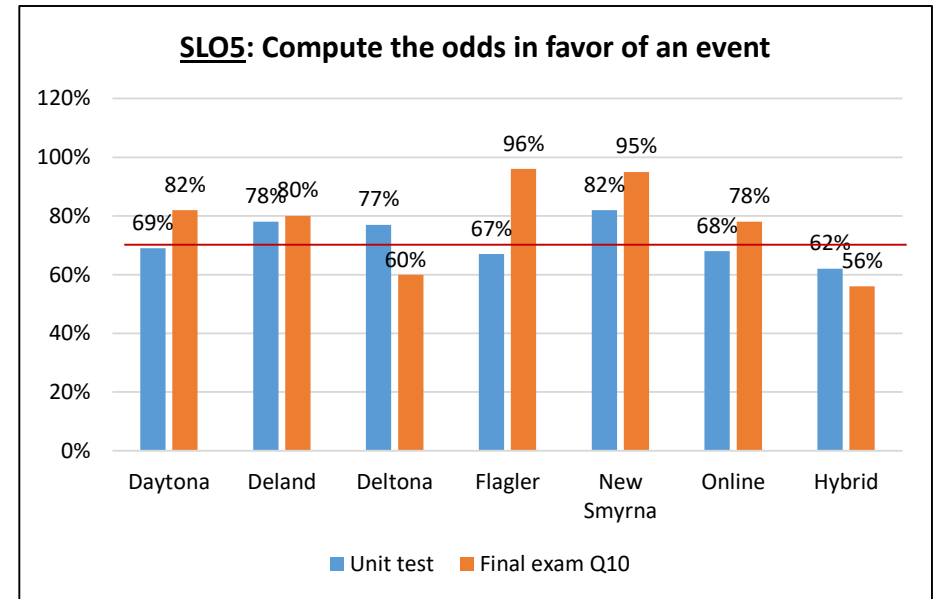
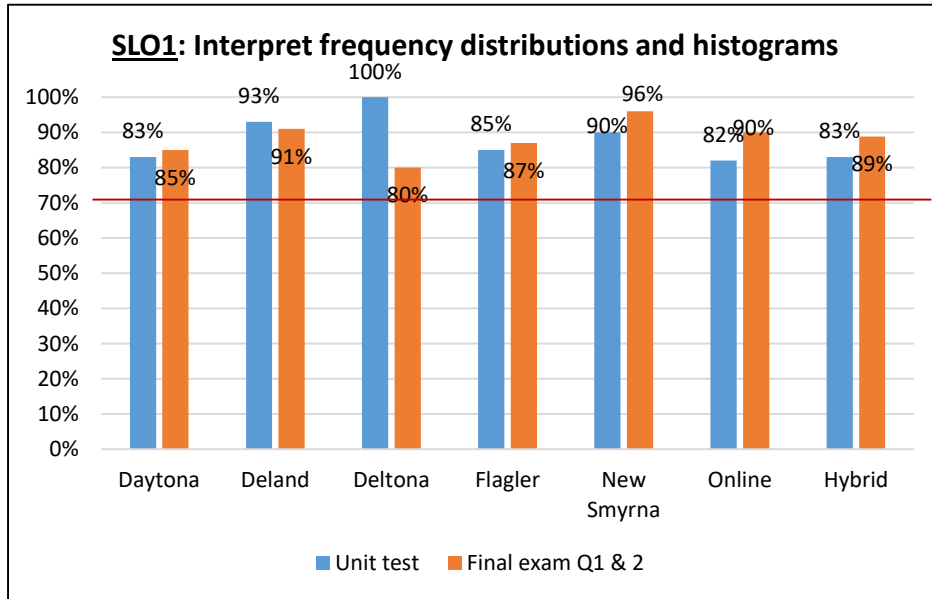
Course Assessment Data – MGF2106



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

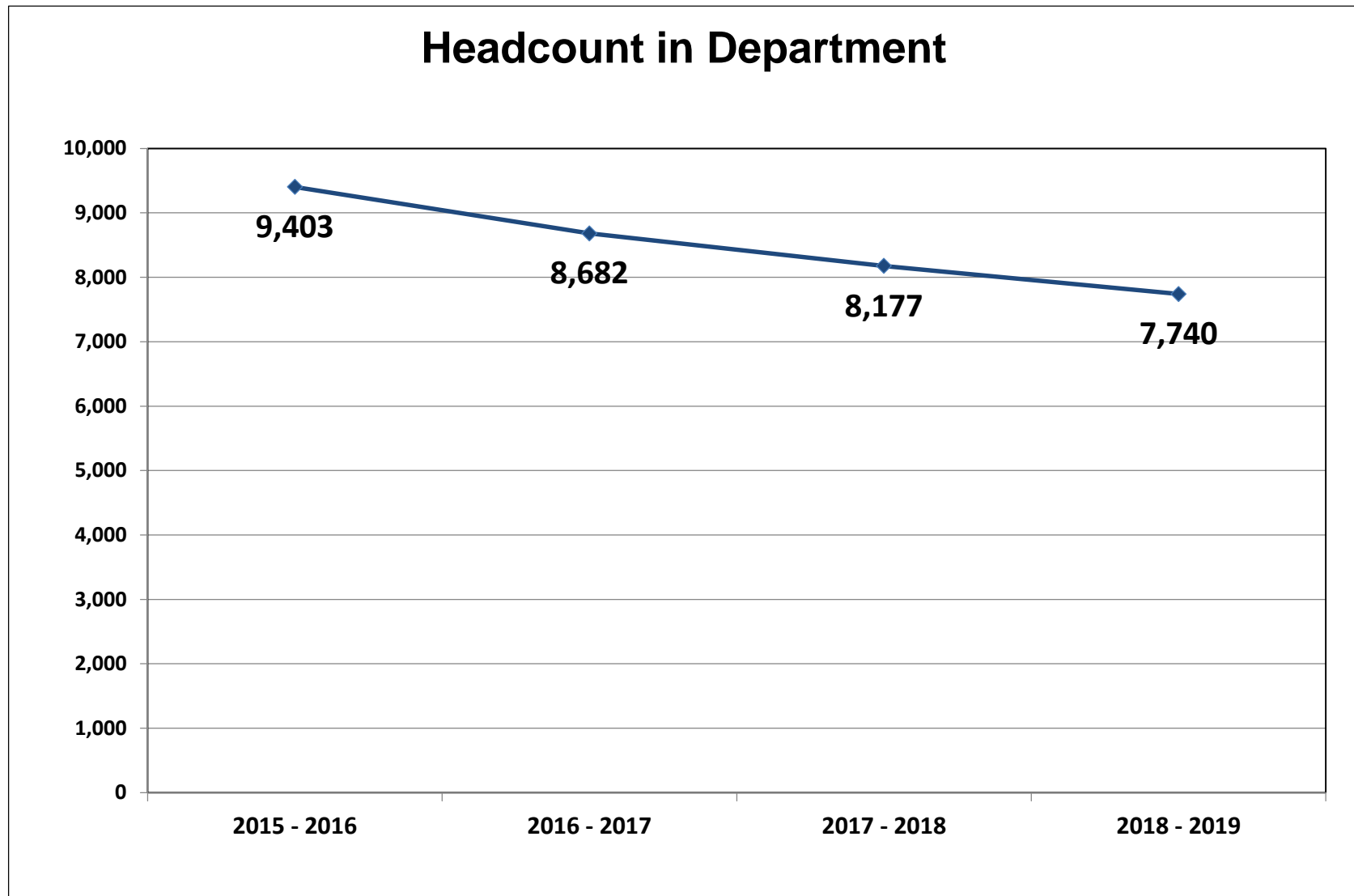
Success Rate 2018-2019: 74%

Course Assessment Data – STA2023



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

Success Rate 2018-2019: 75%



Dual Enrollment count for 2018-2019: 842

Source: IR Program Assessment Data

Course Success Rates

Course	2015-2016		2016-2017		2017-2018		2018-2019		
	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	
MAT0018C	493	76%	393	69%	306	70%	261	73%	↑
MAT0022	9	78%							
MAT0028C	1219	68%	799	65%	548	70%	506	67%	
MAT0055L*			187	46%	138	64%	59	59%	
MAT0056L	83	94%	67	96%	110	91%	71	92%	↑
MAT1033	1780	70%	1,729	67%	1,643	65%	1434	70%	↑
MAT1033A	294	63%	194	57%	141	65%	67	66%	
MAC1105	2787	68%	2,466	69%	2,389	72%	2426	69%	
MAC1114	666	69%	709	65%	806	68%	701	65%	
MAC1140	660	74%	659	69%	732	72%	677	75%	↑
STA2023	2,105	77%	2,116	75%	1,914	81%	1924	75%	
MGF2106	2,402	77%	2,176	76%	1,944	70%	1846	74%	↑
MGF2107	496	76%	603	65%	574	66%	461	72%	
MAC2233	98	79%	86	72%	91	66%	118	68%	↑
MAC2311C	260	69%	316	67%	287	71%	302	68%	
MAC2312C	137	68%	142	72%	124	67%	116	70%	↑
MAC2313C	73	64%	68	59%	75	72%	46	52%	
MAP2302C	41	85%	44	89%	34	97%	30	70%	
MAS3105	10	70%	5	100%	5	100%	4	100%	
MAS3301	1	100%	4	75%	6	50%	6	83%	↑
MAP3401	13	62%							
MAS4203	5	20%	10	90%	6	50%	5	100%	↑
MHF4404	10	80%			8	88%	4	100%	↑
MTG4212	5	100%	7	100%	3	100%	4	100%	
STA4024	4	75%	5	80%	6	83%	2	100%	↑
Total	13,945	72.01%	12,785	70%	11,890	71%	11,070	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	2015-2016		2016-2017		2017-2018		2018-2019	
		Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
MAC1105	Daytona	1022	66%	880	68%	764	70%	753	64%
	Deland	358	80%	309	79%	287	86%	260	79%
	Deltona	161	73%	148	68%	131	77%	111	63%
	Flagler/Palm Cst	269	66%	273	71%	265	69%	255	78%
	New Smyrna Beach	168	89%	134	87%	96	80%	104	78%
MAC1114	Daytona	244	63%	301	61%	298	59%	237	54%
	Deland	114	66%	101	62%	126	78%	100	75%
	Flagler/Palm Cst	39	56%	33	48%	49	55%	40	38%
MAC1140	Daytona	311	69%	314	68%	289	71%	257	70%
	Deland	116	75%	100	71%	120	70%	87	79%
	Flagler/Palm Cst	23	70%	43	65%	38	58%	48	67%
MAC2311C	Daytona							208	66%
	Deland							20	50%
MAT0018C	Daytona	273	73%	197	63%	168	66%	136	76%
	Deland	42	81%	57	81%	31	81%	26	69%
	Deltona	89	76%	70	77%	46	70%	43	67%
	Flagler/Palm Cst	48	81%	47	72%	49	76%	36	72%
	New Smyrna Beach	41	85%	22	55%	12	75%	20	70%
MAT0028C	Daytona	609	68%	317	60%	238	63%	201	64%
	Deland	150	65%	161	75%	88	67%	79	67%
	Deltona	185	66%	148	65%	115	77%	123	64%
	Flagler/Palm Cst	193	67%	126	75%	75	80%	69	80%
	New Smyrna Beach	82	70%	47	51%	32	75%	34	74%

■ 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	2015-2016		2016-2017		2017-2018		2018-2019	
		Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
MAT0055L	Daytona			113	42%	84	61%	34	50%
	Deland			34	47%	14	86%	13	77%
	Flagler/Palm Cst			26	42%	20	70%	12	67%
	New Smyrna Beach			14	86%	20	60%		
MAT0056L	Daytona	41	95%	25	100%	70	91%	43	91%
	Deland	8	88%	2	100%	15	73%	14	93%
	Deltona	14	93%			11	100%	4	100%
	Flagler/Palm Cst	11	100%			4	100%	7	100%
	New Smyrna Beach	9	89%	1	100%	10	100%	3	67%
MAT1033	Daytona	611	69%	601	66%	522	64%	462	65%
	Deland	237	77%	163	71%	168	71%	123	76%
	Deltona	108	74%	133	66%	143	63%	105	67%
	Flagler/Palm Cst	171	61%	193	55%	149	48%	132	78%
	New Smyrna Beach	92	82%	57	93%	49	88%	41	71%
MAT1033A	Daytona	168	59%	119	53%	85	61%	36	50%
	Deland	37	70%	35	49%	16	88%	16	100%
	Deltona	16	81%						
	Flagler/Palm Cst	39	56%	26	69%	20	70%	15	67%
	New Smyrna Beach	34	74%	14	93%	20	60%		
MGF2106	Daytona	829	77%	767	73%	685	69%	598	73%
	Deland	149	85%	170	82%	144	75%	142	77%
	Deltona	77	77%	113	78%	105	72%	71	73%
	Flagler/Palm Cst	70	73%	45	76%	61	77%	85	74%
	New Smyrna Beach	81	86%	70	79%	63	83%	64	80%
MGF2107	Daytona	130	84%	201	70%	140	74%	111	68%
	Flagler/Palm Cst	27	74%	44	70%	49	65%	41	83%
STA2023	Daytona	615	77%	630	77%	570	85%	544	78%
	Deland	261	90%	252	82%	243	87%	200	84%
	Deltona	86	73%	70	86%	53	96%	37	76%
	Flagler/Palm Cst	98	78%	101	79%	108	81%	111	77%
	New Smyrna Beach	129	91%	112	94%	102	90%	58	91%

■ 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		2018-2019	
	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
Daytona	5,025	68%	4,425	70%	3,875	68%
Deland	1,384	75%	1,252	79%	1,080	78%
Deltona	682	71%	604	75%	494	67%
Flagler/Palm Cst	957	68%	887	68%	851	75%
New Smyrna Beach	471	83%	404	82%	324	79%
Online			4,318	70%	4,446	72%
Total	8,519*	70%	11,890	71%	11,070	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	2015-2016		2016-2017		2017-2018		2018-2019	
		Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
MAC1105	Hybrid	75	71%	153	69%	140	75%	113	65%
	Lecture	1,903	71%	1,591	72%	1403	74%	1370	70%
	Online	809	62%	722	62%	846	68%	943	67%
MAC1114	Hybrid	33	42%						
	Lecture	364	65%	435	60%	473	64%	377	58%
	Online	269	78%	274	72%	333	74%	324	74%
MAC1140	Lecture	450	70%	457	68%	447	69%	392	72%
	Online	210	80%	202	73%	285	76%	285	79%
MAC2233	Lecture	41	83%	36	72%	35	69%	38	66%
	Online	57	75%	50	72%	56	64%	80	69%
MAC2311C	Lecture			239	67%	210	67%	228	64%
	Online			77	68%	77	81%	74	77%
MAT1033	Lecture	1,219	71%	1,147	66%	1031	64%	863	69%
	Online	561	68%	582	67%	612	67%	571	71%
MGF2106	Hybrid	325	74%	725	73%	701	67%	592	72%
	Lecture	881	80%	440	79%	357	79%	368	76%
	Online	1,196	75%	1,011	76%	886	69%	886	74%
MGF2107	Hybrid					23	61%	31	84%
	Lecture	157	82%	245	70%	166	73%	121	69%
	Online	339	73%	358	61%	385	63%	309	72%
STA2023	Hybrid			102	72%	196	84%	211	71%
	Lecture	1,189	81%	1,063	81%	880	86%	739	82%
	Online	916	71%	951	69%	838	74%	974	71%
DSC	Hybrid		82%		81%		83%		82%
	Lecture		80%		81%		83%		83%
	Online		78%		76%		78%		80%

School Course Success Rate by Instructional Method – Overall

Campus	2016-2017		2017-2018		2018-2019	
	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
Online	4,266	69%	4,318	70%	4,446	72%
Lecture	7,539	70%	6,512	72%	5,677	71%
Hybrid	980	72%	1,060	71%	947	71%
Total	12,785	70%	11,890	71%	11,070	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	2015-2016		2016-2017		2017-2018		2018-2019	
			Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
MAC1105	FA	A term	49	84%	106	73%	141	75%	48	71%
		B term	52	44%	89	56%	136	63%	121	66%
		Full term	1,165	71%	977	72%	913	74%	903	70%
	SP	A term	133	77%	109	81%	74	73%	97	77%
		B term	73	56%	63	59%	68	66%	76	54%
		Full term	949	62%	819	66%	730	70%	802	66%
		SU Full term	366	74%	303	69%	327	76%	379	72%
MAC1114	FA Full term	246	70%	267	63%	304	67%	278	64%	
	SP Full term	279	68%	304	62%	362	66%	273	63%	
	SU Full term	141	71%	138	75%	140	76%	150	72%	
MAC1140	FA Full term	237	75%	283	69%	302	74%	251	70%	
	SP Full term	298	69%	259	68%	300	70%	292	77%	
	SU Full term	125	82%	117	76%	130	72%	134	78%	
MAC2233	FA Full term	36	72%	32	78%	25	72%	40	55%	
	SP Full term	39	85%	27	67%	40	53%	45	78%	
	SU Full term	23	78%	27	70%	26	81%	33	70%	
MAC2311C	FA Full term	118	74%	131	60%	111	63%	113	61%	
	SP Full term	100	60%	112	76%	126	75%	130	69%	
	SU Full term	42	79%	73	68%	50	76%	59	76%	
MAC2312C	FA Full term	40	70%	55	76%	49	59%	42	69%	
	SP Full term	69	62%	53	58%	51	63%	54	69%	
	SU Full term	28	79%	34	85%	24	92%	20	75%	
MAC2313C	FA Full term	30	73%	20	50%	30	70%	19	37%	
	SP Full term	20	40%	28	57%	32	72%	13	69%	
	SU Full term	23	74%	20	70%	13	77%	14	57%	
MAP2302C	FA Full term	20	80%	23	87%	23	100%	9	56%	
	SP Full term	21	90%	21	90%	11	91%	8	75%	
	SU Full term							13	77%	

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

Course	Session	Subsession	2015-2016		2016-2017		2017-2018		2018-2019	
			Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
MAT0018C	FA	A term	129	80%	111	68%	78	65%	57	68%
		B term	26	73%	18	83%	17	65%	17	76%
		Full term	107	73%	71	66%	66	70%	68	76%
	SP	A term	58	81%	44	70%	25	92%	25	80%
		B term	30	67%	20	65%	13	38%	8	88%
		Full term	81	69%	64	67%	57	70%	60	67%
	SU	Full term	62	84%	65	69%	50	76%	26	73%
MAT0028C	FA	A term	199	73%	97	69%	55	73%	33	67%
		B term	226	69%	130	61%	86	65%	87	63%
		Full term	257	67%	203	63%	142	63%	130	65%
	SP	A term	65	71%	26	69%	31	68%	28	75%
		B term	110	72%	68	63%	43	72%	46	61%
		Full term	210	66%	137	64%	102	73%	121	69%
	SU	Full term	152	57%	138	74%	89	78%	61	77%
MAT0055L	FA	Full term			131	60%	107	68%	46	65%
	SP	Full term			56	14%	31	52%	13	38%
MAT0056L	FA	Full term	47	96%	39	92%	61	85%	33	88%
	SP	Full term	35	91%	19	100%	31	97%	22	100%
	SU	Full term	1	100%	9	100%	18	100%	16	88%
MAT1033	FA	A term	27	85%	87	83%	99	76%	94	77%
		B term	106	62%	145	63%	128	64%	40	55%
		Full term	853	73%	692	66%	704	62%	690	71%
	SP	A term	35	69%	79	77%	52	85%	45	78%
		B term	57	67%	47	53%	38	68%	41	76%
		Full term	487	64%	478	62%	455	61%	383	64%
	SU	Full term	215	73%	201	76%	167	75%	141	78%

■ 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- Multiple Sessions or Sub-sessions Only (3 of 3)

Course	Session	Sub-session	2015-2016		2016-2017		2017-2018		2018-2019		
			Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	
MAT1033A	FA	Full term	217	65%	138	59%	109	69%	54	72%	↑
	SP	Full term	77	56%	56	52%	32	53%	13	38%	
MGF2106	FA	A term	30	90%	30	80%	26	88%	29	86%	↑
		B term	275	73%	179	71%	128	76%	145	70%	
		Full term	819	79%	907	76%	758	69%	719	71%	
	SP	A term	36	89%	639	73%	47	74%	76	88%	
		B term	146	75%	50	76%	125	65%	68	65%	
		Full term	829	74%	105	70%	612	67%	541	75%	
		SU	Full term	267	82%	266	84%	248	79%	268	
MGF2107	FA	B term					45	76%	40	78%	↑
		Full term	208	81%	260	63%	192	70%	160	67%	
	SP	B term					41	59%	43	74%	
		Full term	203	70%	231	65%	198	58%	150	73%	
	SU	Full term	85	75%	69	75%	98	70%	68	76%	
STA2023	FA	A term			88	80%	105	79%	77	84%	↑
		B term	112	82%	72	61%	40	65%	57	67%	
		Full term	705	77%	624	72%	640	81%	647	73%	
	SP	A term	104	87%	97	93%	94	88%	37	73%	
		B term	51	57%	93	66%	82	76%	135	79%	
		Full term	752	74%	732	76%	616	80%	587	76%	
		SU	Full term	381	80%	410	78%	337	82%	384	




■ 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		2018-2019	
		Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
Fall	A term	519	74%	504	75%	338	76%
	B Term	667	63%	580	68%	507	67%
	Full term	4,833	70%	4,548	71%	4,213	70%
Spring	A term	405	80%	323	80%	308	80%
	B Term	439	63%	410	67%	417	70%
	Full term	4,045	68%	3,805	69%	,3517	70%
Summer	All term	1,877	76%	1,720	77%	1,770	76%
Total		12,785	70%	11,890	71%	11,070	71%

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

Course Success Rate By Race/Ethnicity (1 of 3)

Course and Race/Ethnicity	2017-18 Success Rate	# Students Enrolled	2018-19 Success Rate
MAC1105		2,426	69%
American Indian/Alas	60%	2	50%
Asian	84%	61	72%
Black	58%	271	56%
Hispanic/Latino	68%	435	66%
Native Hawaiian/Paci	50%	1	100%
Two or More Races	73%	96	67%
Unknown	75%	60	75%
White	75%	1,500	72%
MAC1114		701	65%
American Indian/Alas	50%	1	0%
Asian	62%	23	70%
Black	56%	60	47%
Hispanic/Latino	66%	126	67%
Two or More Races	60%	35	54%
Unknown	85%	10	70%
White	71%	446	68%
MAC1140		677	75%
American Indian/Alas		1	100%
Asian	86%	25	80%
Black	54%	51	65%
Hispanic/Latino	73%	115	71%
Native Hawaiian/Paci		1	0%
Two or More Races	65%	22	82%
Unknown	85%	11	82%
White	73%	451	76%
MAC2233		118	68%
Asian	67%	9	78%
Black	0%	12	58%
Hispanic/Latino	61%	10	80%
Two or More Races	50%	1	0%
Unknown	100%	2	100%
White	71%	84	67%

Course and Race/Ethnicity	2017-18 Success Rate	# Students Enrolled	2018-19 Success Rate
MAC2311C		302	68%
Asian	69%	15	80%
Black	47%	22	59%
Hispanic/Latino	65%	66	64%
Two or More Races	90%	15	67%
Unknown	67%	4	100%
White	73%	180	68%
MAC2312C		116	70%
Asian	75%	6	50%
Black	57%	9	44%
Hispanic/Latino	81%	18	83%
Two or More Races	50%	5	80%
Unknown	100%	4	25%
White	63%	74	73%
MAC2313C		46	52%
Asian	56%	2	100%
Black	100%	4	50%
Hispanic/Latino	70%	10	30%
Two or More Races	33%	1	0%
White	79%	29	59%
MAP2302C		30	70%
Asian	100%	1	100%
Black	100%	3	100%
Hispanic/Latino	100%	5	60%
White	100%	21	67%
MAS3105		4	100%
Black		1	100%
White	100%	3	100%
MAS3301		6	83%
Hispanic/Latino	50%	2	100%
White	50%	4	75%
MAS4203		5	100%
Hispanic/Latino	0%	2	100%
White	75%	3	100%

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

Course Success Rate By Race/Ethnicity (2 of 3)

Course and Race/Ethnicity	2017-18 Success Rate	# Students Enrolled	2018-19 Success Rate
MAT0018C		261	73%
Asian	100%	4	75%
Black	52%	47	74%
Hispanic/Latino	80%	59	66%
Two or More Races	64%	12	75%
Unknown	80%	4	75%
White	72%	135	75%
MAT0028C		506	67%
American Indian/Alas	100%	1	0%
Asian	79%	7	71%
Black	63%	78	68%
Hispanic/Latino	71%	128	63%
Native Hawaiian/Paci	100%	1	100%
Two or More Races	65%	20	75%
Unknown	70%	10	80%
White	70%	261	68%
MAT0055L		59	59%
Black	39%	10	50%
Hispanic/Latino	77%	20	60%
Two or More Races	60%	2	0%
Unknown	50%	1	100%
White	68%	26	65%
MAT0056L		71	92%
Black	91%	15	100%
Hispanic/Latino	91%	14	93%
Two or More Races	75%	3	33%
Unknown	100%	1	100%
White	91%	38	92%

Course and Race/Ethnicity	2017-18 Success Rate	# Students Enrolled	2018-19 Success Rate
MAT1033		1,434	70%
American Indian/Alas	100%	4	50%
Asian	73%	30	67%
Black	47%	211	58%
Hispanic/Latino	66%	277	71%
Native Hawaiian/Paci	100%	6	50%
Two or More Races	55%	61	56%
Unknown	81%	33	73%
White	70%	812	74%
MAT1033A		67	66%
American Indian/Alas	0%	1	100%
Black	39%	10	50%
Hispanic/Latino	77%	24	63%
Two or More Races	60%	3	33%
Unknown	50%	1	100%
White	69%	28	75%
MGF2106		1,846	74%
American Indian/Alas	100%	1	0%
Asian	78%	14	93%
Black	56%	306	60%
Hispanic/Latino	70%	381	72%
Native Hawaiian/Paci	100%	3	100%
Two or More Races	68%	77	66%
Unknown	56%	29	76%
White	75%	1,035	79%
MGF2107		461	72%
American Indian/Alas	100%	2	50%
Asian	50%	3	100%
Black	56%	82	67%
Hispanic/Latino	79%	77	61%
Native Hawaiian/Paci		1	100%
Two or More Races	59%	17	88%
Unknown	58%	2	50%
White	66%	277	75%

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

Course Success Rate By Race/Ethnicity (3 of 3)

Course and Race/Ethnicity	2017-18 Success Rate	# Students Enrolled	2018-19 Success Rate
MHF4404		4	100%
Hispanic/Latino	100%	2	100%
White	80%	2	100%
MTG4212		4	100%
Hispanic/Latino	100%	2	100%
White	100%	2	100%
STA2023		1,924	75%
American Indian/Alas	100%	3	67%
Asian	88%	57	77%
Black	71%	210	67%
Hispanic/Latino	77%	322	68%
Native Hawaiian/Paci	60%	1	100%
Two or More Races	79%	79	75%
Unknown	76%	54	85%
White	84%	1,198	78%
STA4024		2	100%
Hispanic/Latino		1	100%
White	83%	1	100%
Grand Total		11,070	71%

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

Overall Success Rate By Race/Ethnicity

Course and Race/Ethnicity	# Students Enrolled	Success Rate
American Indian/Alas	16	50%
Asian	257	75%
Black	1,402	61%
Hispanic/Latino	2,096	68%
Native Hawaiian/Paci	14	71%
Two or More Races	449	67%
Unknown	226	77%
White	6,610	74%
Grand Total	11,070	71%

■ 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 for Guaranteed Sections

Course	2016-2017		16-17 Overall	2017-2018		17-18 Overall	2018-2019		18-19 Overall
	Attempted	% Successful		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%	123	77%	74%
STA2023	63	97%	75%	136	89%	81%	92	89%	75%
Total	320	77%		425	79%		215	82%	

■ 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	2018-2019		2018-2019 Overall
	Attempted	% Successful		Attempted	% Successful	
MAC1105	391	91%	72%	495	89%	69%
MAC1114	66	85%	68%	118	78%	65%
MAC1140	70	91%	72%	125	90%	75%
MAC2233	3	67%	66%	9	89%	68%
MAC2311C	13	85%	71%	29	86%	68%
MAC2312C	4	75%	67%	10	90%	70%
MAC2313C	2	50%	72%	5	60%	52%
MAP2302C	1	100%	97%	2	100%	70%
MAS3105				1	100%	100%
MAT1033	199	90%	65%	212	92%	70%
MGF2106	21	95%	70%	59	95%	74%
MGF2107	6	83%	66%	9	100%	72%
STA2023	129	96%	81%	216	93%	75%
Grand Total	905	91%		1290	90%	

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

Special Data Request

Success Rates for Dual Enrolled Students by Campus

Course	2018-2019	
	Attempted	% Successful
Daytona	348	88%
Deltona	39	97%
DeLand	180	93%
Flagler	189	88%
New Smyrna Beach	62	97%
Online	472	89%
Grand Total	1,290	90%

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

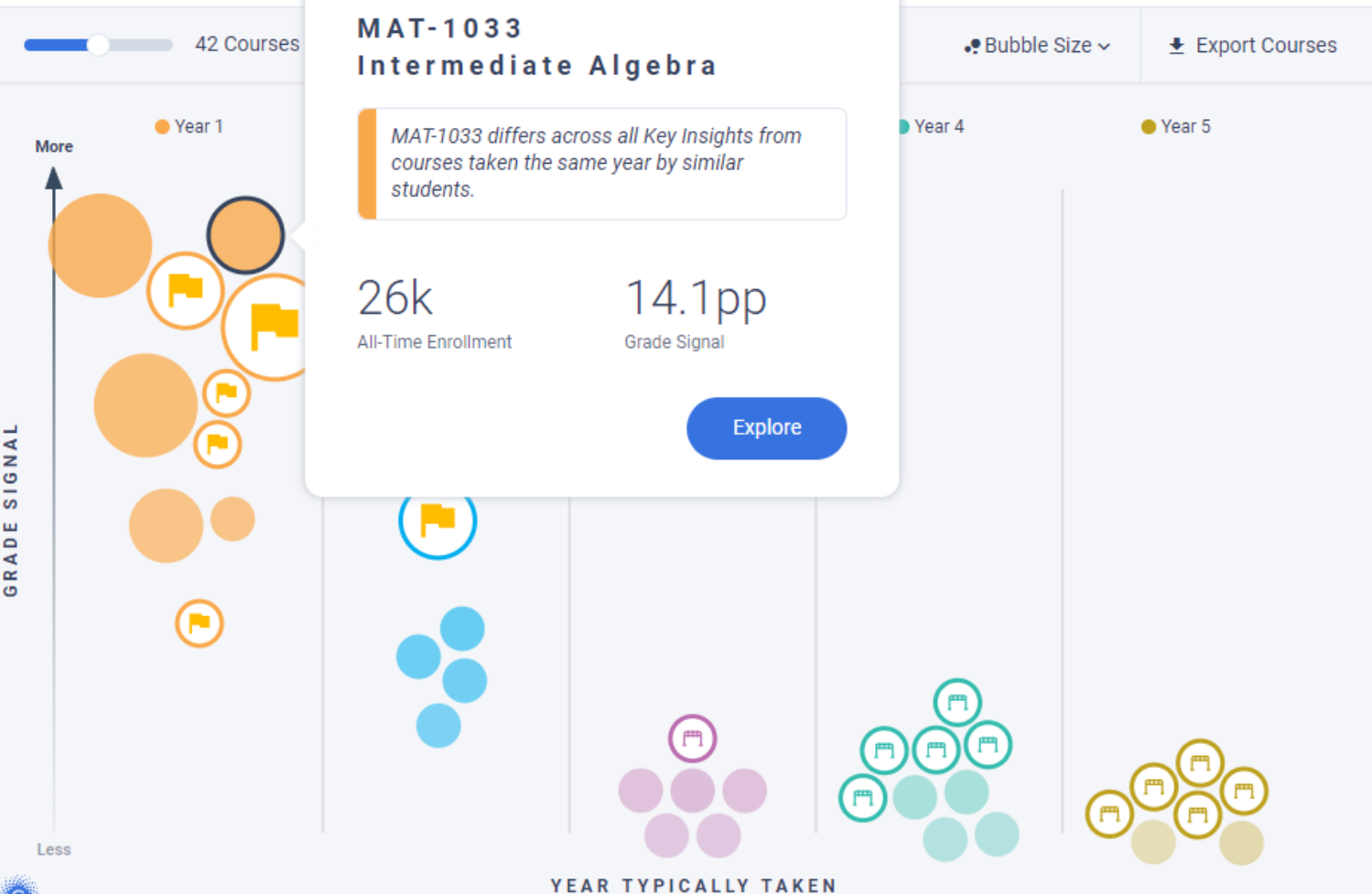
Civitas – illumine Course

Explore courses where:

A student's course grade strongly signals graduation likelihood ▾

These are courses where a single letter-grade difference creates the biggest boost in graduation likelihood for an individual student. Advising students to prioritize these courses could increase their graduation likelihood.

You have no active filters [Add Filters](#)



→ **Highest Grade Signal**

- **PSY-1012** : General Psychology >
- **SLS-1122** : Managing Your Su... >
- **MAT-1033** : Intermediate Alge... >
- **ENC-1101** : Introduction to Co... >
- **AST-1002** : Astronomy >
- **GEB-2430** : Ethics and Social ... >
- **DEP-2004** : Developmental Ps... >
- **ENC-1102** : Writing with Resea... >
- **ECO-2023** : Principles of Micr... >
- **HUN-1201** : Human Nutrition >
- **GEO-2000** : World Geography >

Civitas – illumine Course

MAT-1033

Intermediate Algebra

Topics include: Graphing linear functions, quadratic functions, absolute value functions, radical functions and rational functions, with a focus on simplifying, adding and multiplying these functions as well as methods to solve equations. [More >](#)



TOP MAJORS

- 36.1% Associate of Arts Degree
- 8.1% Associate of Arts Degree-Undecided Major - Sub PL
- 55.9% Other



COURSE MODALITY

- 74.7% On-Ground
- 25.2% Online
- 0.0% Blended

You have no active filters [Add Filters](#)

MAT-1033 differs across all Key Insights from courses taken the same year by similar students.

TYPICALLY TAKEN

1st Year

CURRENT ENROLLMENT

904 >

ALL-TIME ENROLLMENT

26,202

Key Insights

Graduation

Persistence

INSIGHT

THIS COURSE

AVG COURSE >

How strongly does a student's grade in this course signal graduation likelihood?

Individual students who improve their grade in this course by one letter have a 14.1 percentage point stronger likelihood of graduation. That's 69.9% higher than the average course.

14.1pp

Stronger Likelihood of Graduation

8.3pp

Stronger Likelihood of Graduation

What course grades predict student success?

Students must earn a C or higher in this course to have an above average likelihood of graduation compared to other students in this course.
View a list of [past MAT-1033 students who earned a D or lower](#) in this course.

C

Tipping Point Grade

B

Tipping Point Grade

How many students are struggling in this course?

27.3% of students in this course withdraw or earn a D or F. That's 22.2% lower than the average course.

27.3%

D/F/W

35.1%

D/F/W

Civitas – illumine Courses

Explore courses where:

A student's course grade strongly signals graduation likelihood ▾

These are courses where a single letter-grade difference creates the biggest boost in graduation likelihood for an individual student. Advising students to prioritize these courses could increase their graduation likelihood.



You have no e

MAC-1105 College Algebra

MAC-1105 differs from courses taken the same year by similar students in **tipping point grade, graduation boost potential, and percentage of students struggling.**

28k

All-Time Enrollment

7.7pp

Grade Signal

Explore

•• Bubble Size ▾

↓ Export Courses

● Year 4

● Year 5

→ Highest Grade Signal

- PSY-1012 : General Psychology >
- SLS-1122 : Managing Your Su... >
- MAT-1033 : Intermediate Alge... >
- ENC-1101 : Introduction to Co... >
- AST-1002 : Astronomy >
- GEB-2430 : Ethics and Social ... >
- DEP-2004 : Developmental Ps... >
- ENC-1102 : Writing with Resea... >
- ECO-2023 : Principles of Micr... >
- HUN-1201 : Human Nutrition >
- GEO-2000 : World Geography >



Civitas – illumine Courses

MAC-1105

College Algebra

Topics Include: Polynomial and rational equations and inequalities, graphs of functions, rate of change, transformations, extreme values, modeling, combining functions, one-to-one and inverse functions, exponential functions, logarithmic functions, laws of logarithms, exponential and logarithmic equations. [More >](#)



TOP MAJORS

25.7% Associate of Arts Degree
9.7% Associate of Arts Degree/Undecided Major-Sub Plan
56.6% Other



COURSE MODALITY

71.8% OnGround
28.2% Online
2.0% Blended

You have no active filters. [Add Filters](#)

MAC-1105 differs from courses taken the same year by similar students in **tipping point grade, graduation boost potential, and percentage of students struggling.**

TYPICALLY TAKEN
1st Year

CURRENT ENROLLMENT
1,079 >

ALL-TIME ENROLLMENT
28,443

Key Insights

Graduation

Persistence

INSIGHT

THIS COURSE

AVG COURSE >

How strongly does a student's grade in this course signal graduation likelihood?

Individual students who improve their grade in this course by one letter have a 7.7 percentage point stronger likelihood of graduation. That's on par with the average course.

7.7pp

Stronger Likelihood of Graduation

8.3pp

Stronger Likelihood of Graduation

What course grades predict student success?

Students must earn a C or higher in this course to have an above average likelihood of graduation compared to other students in this course.
[View a list of past MAC-1105 students who earned a D or lower in this course.](#)

C

Tipping Point Grade

B

Tipping Point Grade

How many students are struggling in this course?

23.4% of students in this course withdraw or earn a D or F. That's 33.3% lower than the average course.

23.4%

D/R/W

35.1%

D/R/W

What is this course's potential to boost graduation rates?

If the average student's grade was one letter higher, you'd see a 3.7 percentage point lift in graduation. That's 60.9% higher than the average course.

3.7pp

Lift in Graduation

2.3pp

Lift in Graduation

Civitas – illumine Courses

Explore courses where:

A student's course grade strongly signals graduation likelihood ▾

These are courses where a single letter-grade difference creates the biggest boost in graduation likelihood for an individual student. Advising students to prioritize these courses could increase their graduation likelihood.

You have no active filters

MGF-2106 Survey in Mathematics

*MGF-2106 differs from courses taken the same year by similar students in **tipping point grade, graduation boost potential, and percentage of students struggling.***

13k

All-Time Enrollment

7.8pp

Grade Signal

Explore

•• Bubble Size ▾

↓ Export Courses

● Year 4

● Year 5

→ Highest Grade Signal

- **PSY-1012** : General Psychology >
- **SLS-1122** : Managing Your Su... >
- **MAT-1033** : Intermediate Alge... >
- **ENC-1101** : Introduction to Co... >
- **AST-1002** : Astronomy >
- **GEB-2430** : Ethics and Social ... >
- **DEP-2004** : Developmental Ps... >
- **ENC-1102** : Writing with Resea... >
- **ECO-2023** : Principles of Micr... >
- **HUN-1201** : Human Nutrition >
- **GEO-2000** : World Geography >

GRADE SIGNAL

More

Less

Civitas – illumine Courses

MGF-2106

Survey in Mathematics

This course is designed to motivate students and to illustrate the relevance of mathematics in everyday life. The objective of this course is not to focus on algebraic manipulation, but rather on the understanding and interpretation of real world applications. Topics include a review of the basic operations.

[More](#)


TOP MAJORS

- 10.1% Associate of Arts Degree
- 11.9% Associate of Arts Degree#25 Nursing - RN#25N
- 78.0% Other



COURSE MODALITY

- 52.0% Online
- 27.5% OnGround
- 10.7% Blended

You have no active filters [Add Filters](#)

MGF-2106 differs from courses taken the same year by similar students in **tipping point grade, graduation boost potential, and percentage of students struggling.**

TYPICALLY TAKEN

1st Year

CURRENT ENROLLMENT

1,042 >

ALL-TIME ENROLLMENT

12,911

Key Insights

Graduation

Persistence

INSIGHT

THIS COURSE

AVG COURSE >

How strongly does a student's grade in this course signal graduation likelihood?

Individual students who improve their grade in this course by one letter have a 7.8 percentage point stronger likelihood of graduation. That's on par with the average course.

7.8pp

Stronger Likelihood of Graduation

8.3pp

Stronger Likelihood of Graduation

What course grades predict student success?

Students must earn a C or higher in this course to have an above average likelihood of graduation compared to other students in this course.
View a list of [past MGF-2106 students who earned a D or lower](#) in this course.

C

Tipping Point Grade

B

Tipping Point Grade

How many students are struggling in this course?

21.9% of students in this course withdraw or earn a D or F. That's 37.6% lower than the average course.

21.9%

D/F/W

35.1%

D/F/W

What is this course's potential to boost graduation rates?

If the average student's grade was one letter higher, you'd see a 0.9 percentage point lift in graduation. That's 60.9% lower than the average course.

0.9pp

Lift in Graduation

2.3pp

Lift in Graduation

Civitas – illumine Courses

Explore courses where:

A student's course grade strongly signals graduation likelihood ▼

These are courses where a single letter-grade difference creates the biggest boost in graduation likelihood for an individual student. Advising students to prioritize these courses could increase their graduation likelihood.



Undergraduate Type First Time In College × Clear All + Add Filters

28 Courses

Bubble Size ▼

Export Courses

→ Highest Grade Signal

