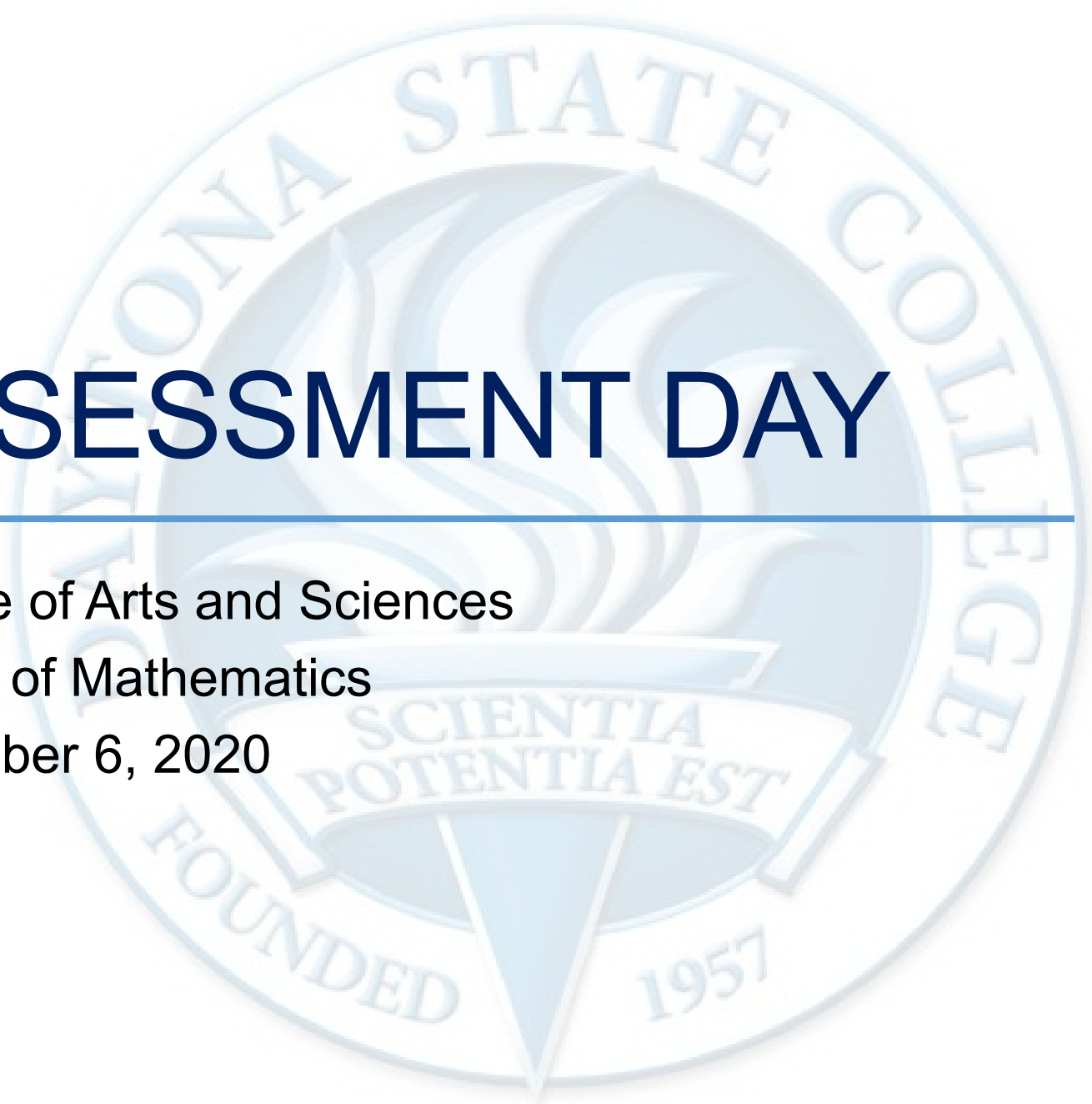


ASSESSMENT DAY

College of Arts and Sciences

School of Mathematics

November 6, 2020



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

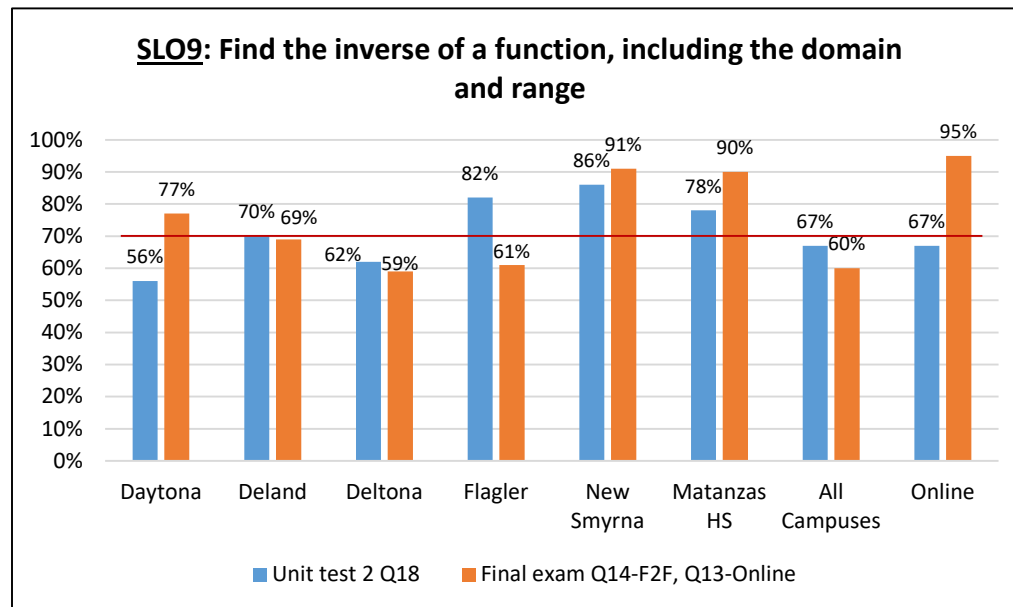
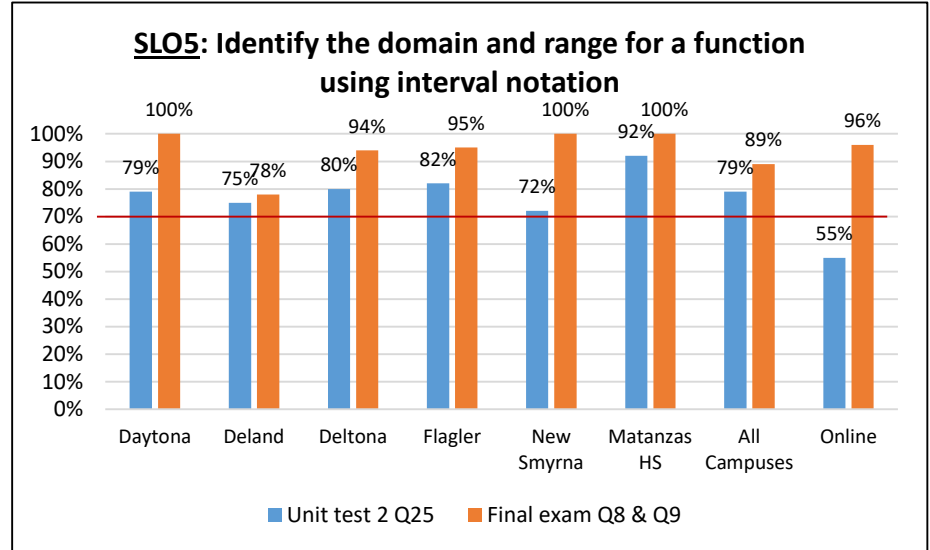
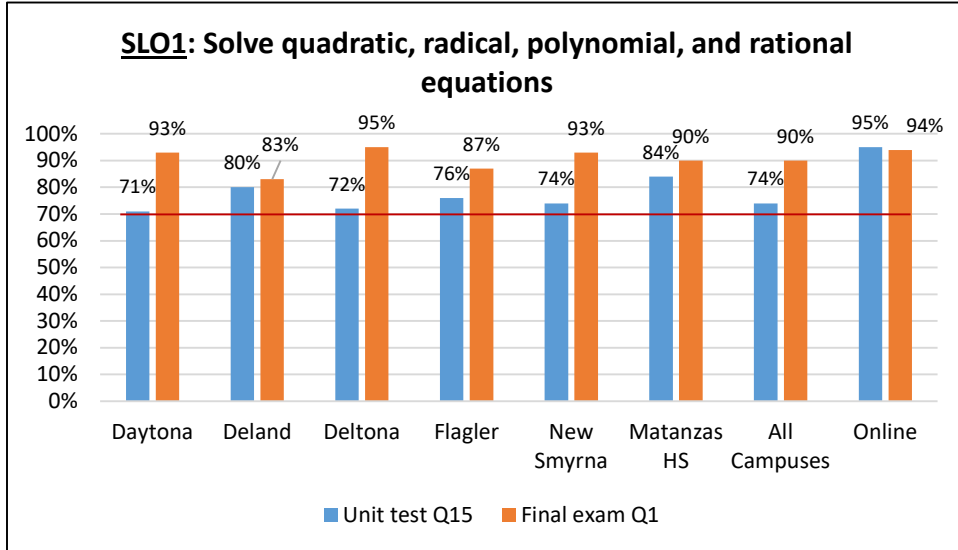
School of Mathematics (11/08/2019):

- Further exploration of online proctoring for the whole department;
- Examine MAC1105 pre-req;
- Continue discussion on how to help underserved students;
- Explore extra offerings for study skills;

For Institutional Effectiveness:

- Check on communication to faculty when students are dropped/withdrew;

Course Assessment Data – MAC1105

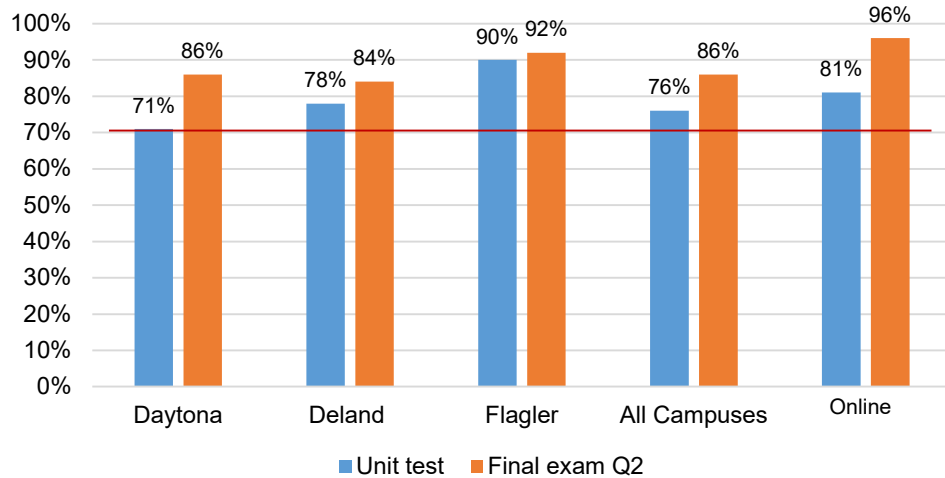


Success Rate 2019-2020: 72%

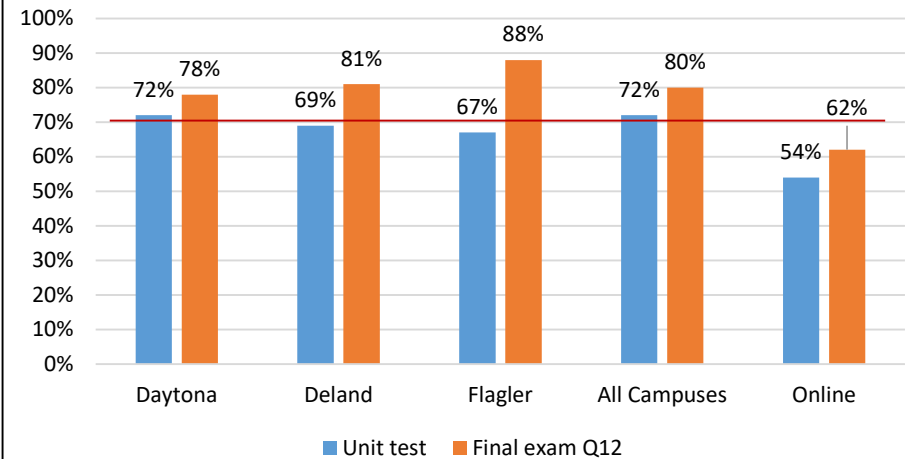
Target: 70% of the students achieve 70% competency for all assessment measure

Course Assessment Data – MAC1114

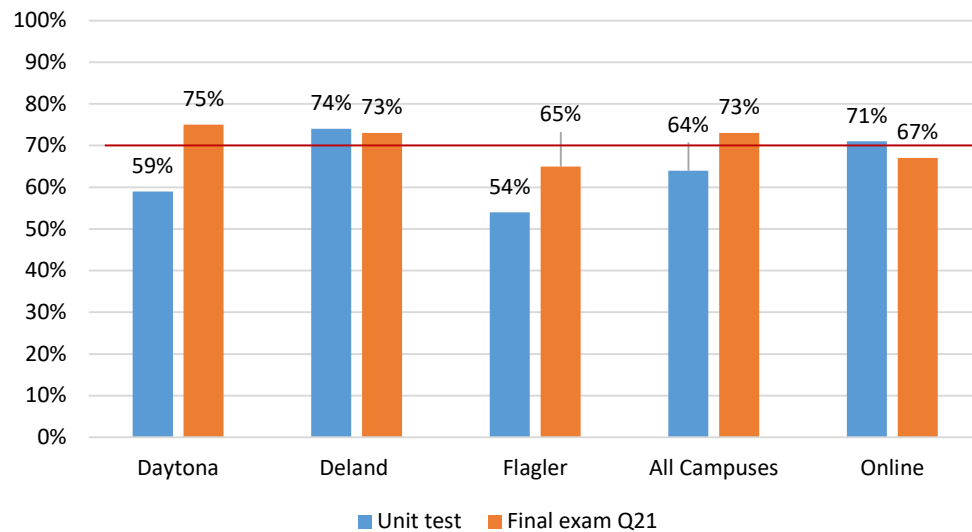
SLO2: Find coterminal angles and convert between radians and degrees



SLO11: Apply the sum and difference, double angle, and half angle identities



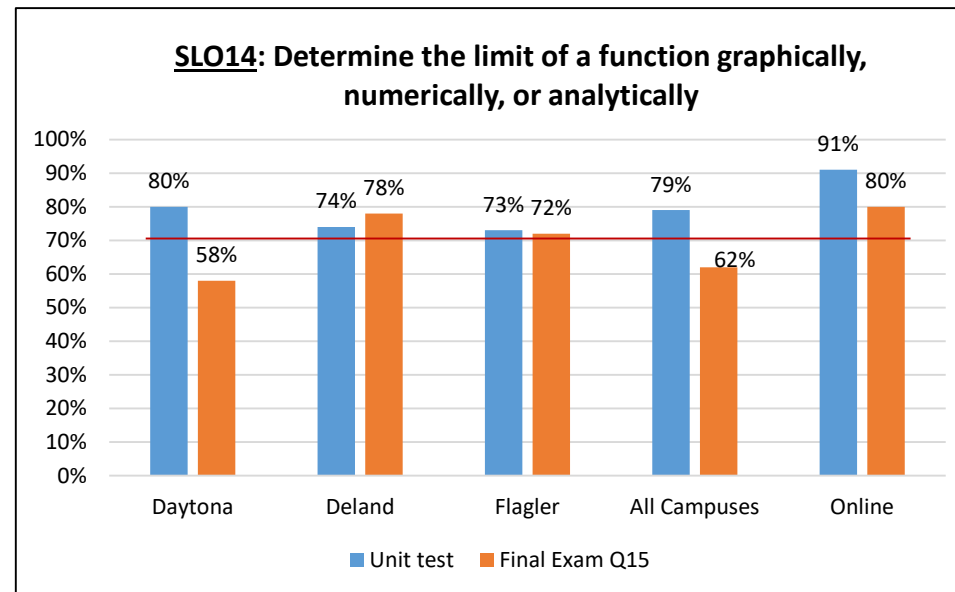
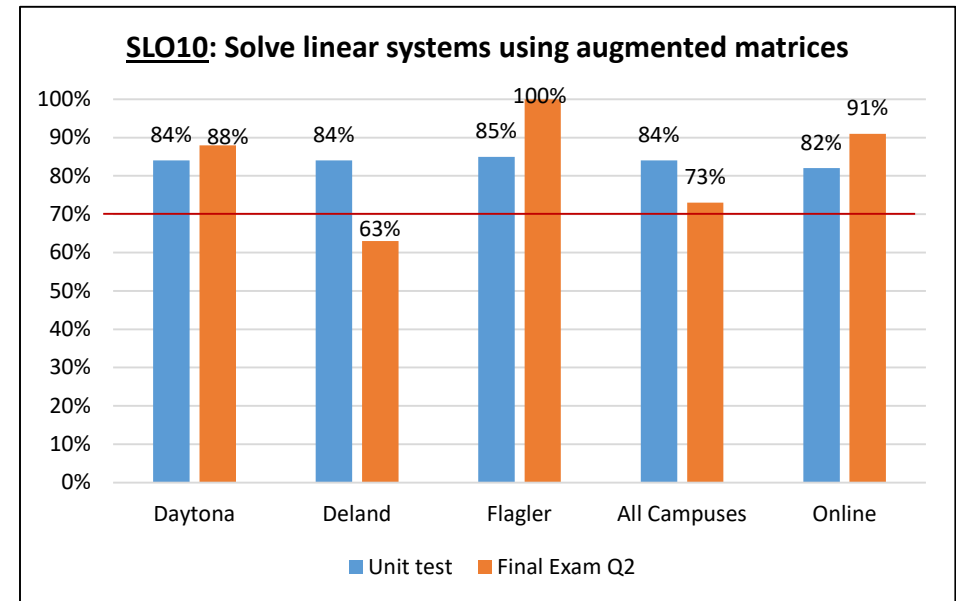
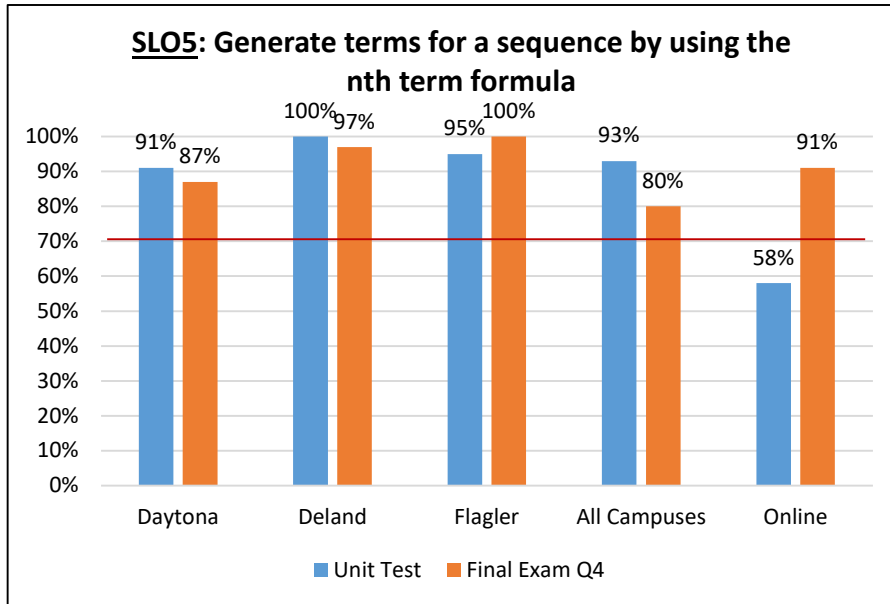
SLO13: Solve trigonometric equations



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

Success Rate 2019-2020: 73%

Course Assessment Data – MAC1140

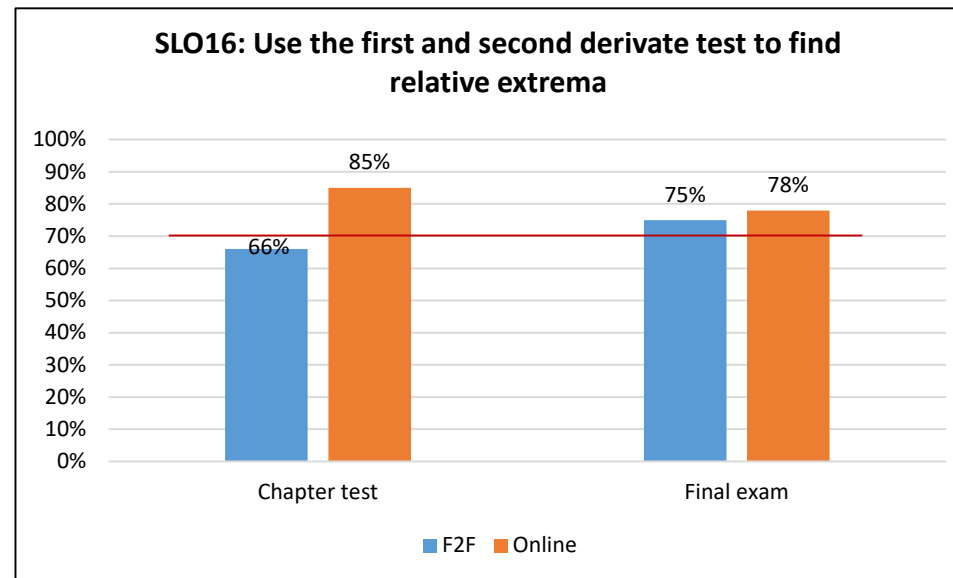
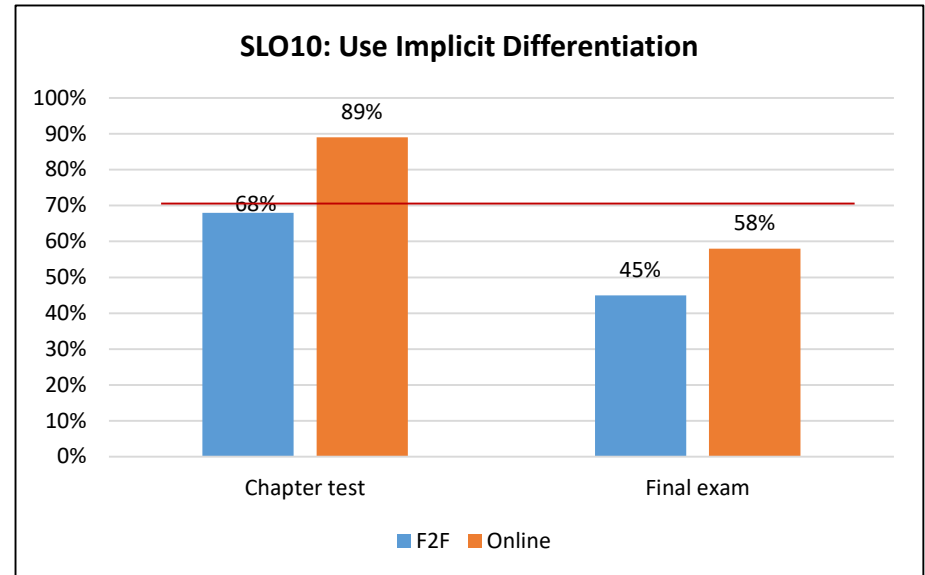
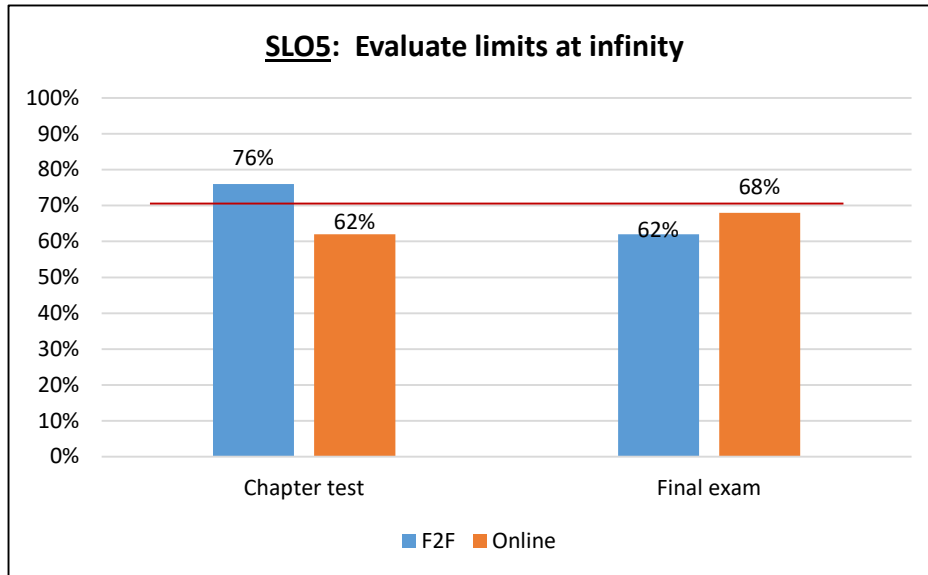


Success Rate 2019-2020: 78%

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

Observation: Alignment with PLO or ILO is missing

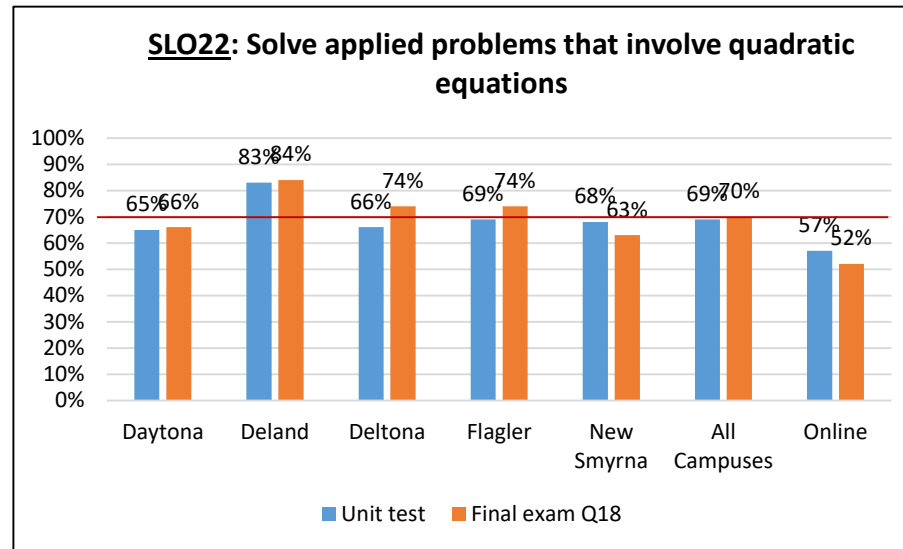
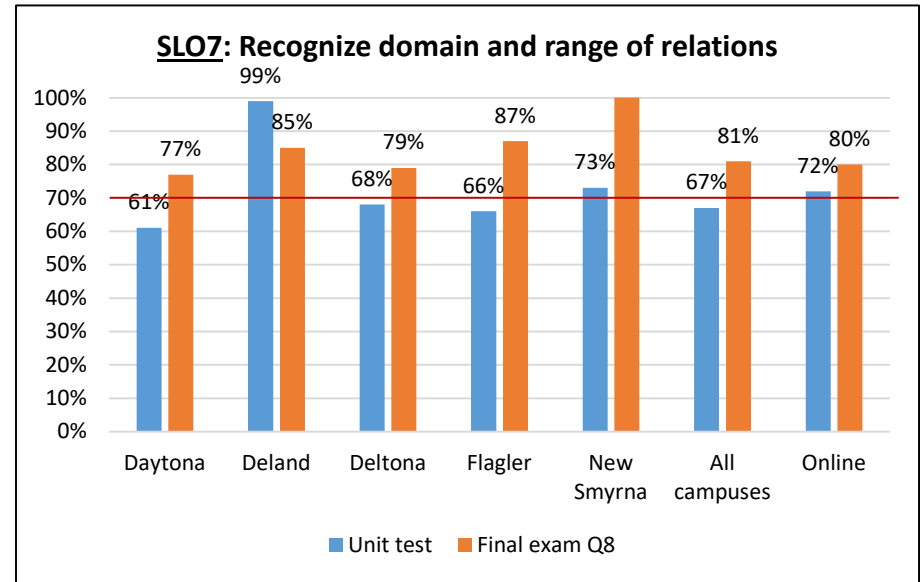
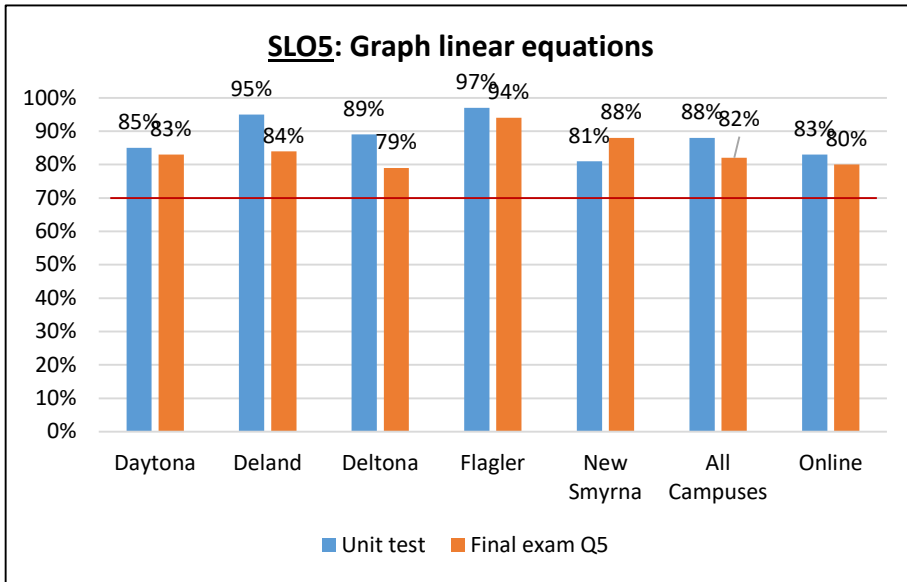
Course Assessment Data – MAC2311C



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

Success Rate 2019-2020: 67%

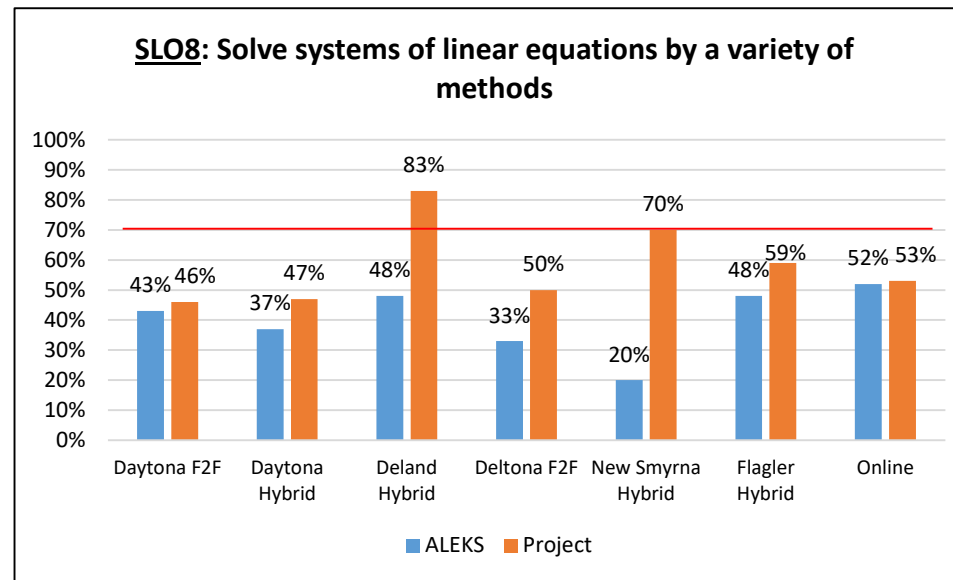
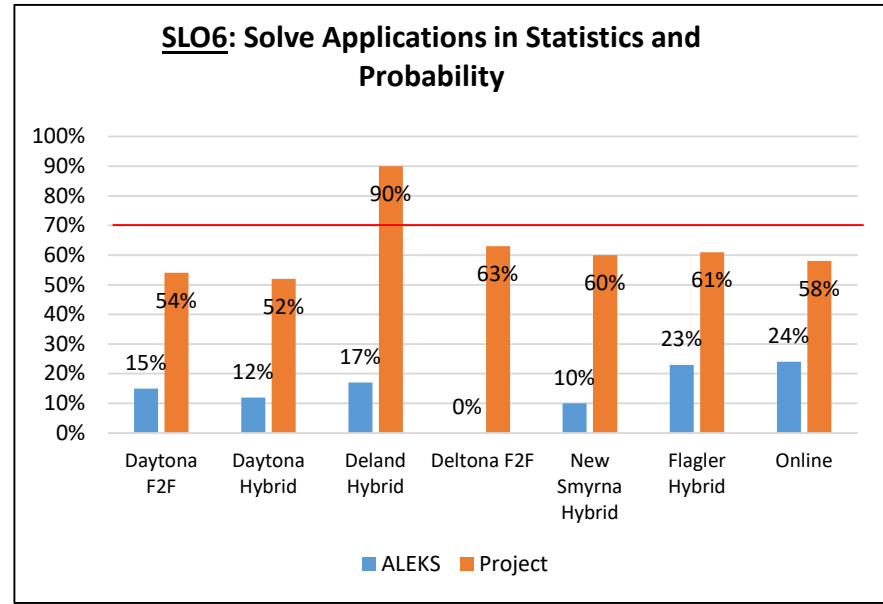
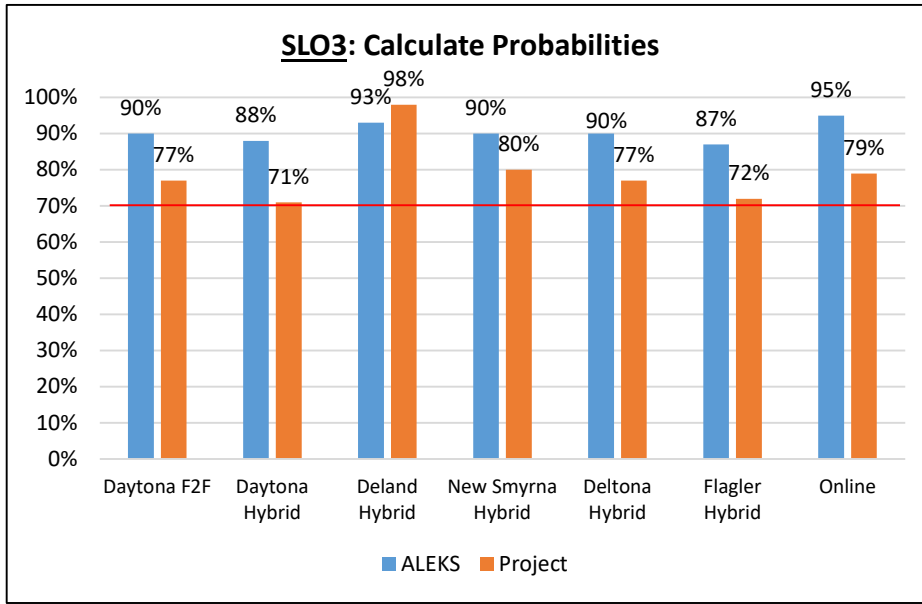
Course Assessment Data – MAT1033



Success Rate 2019-2020: 72%

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

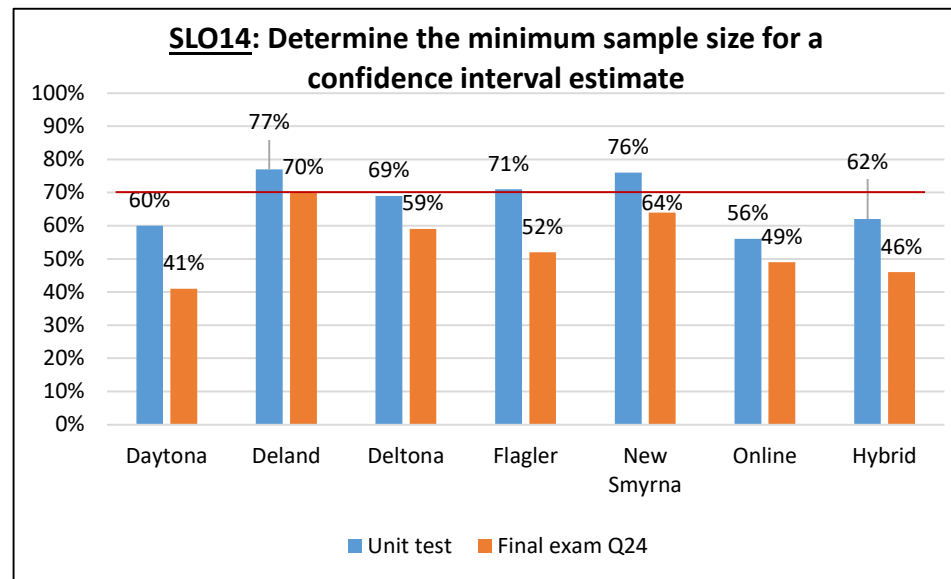
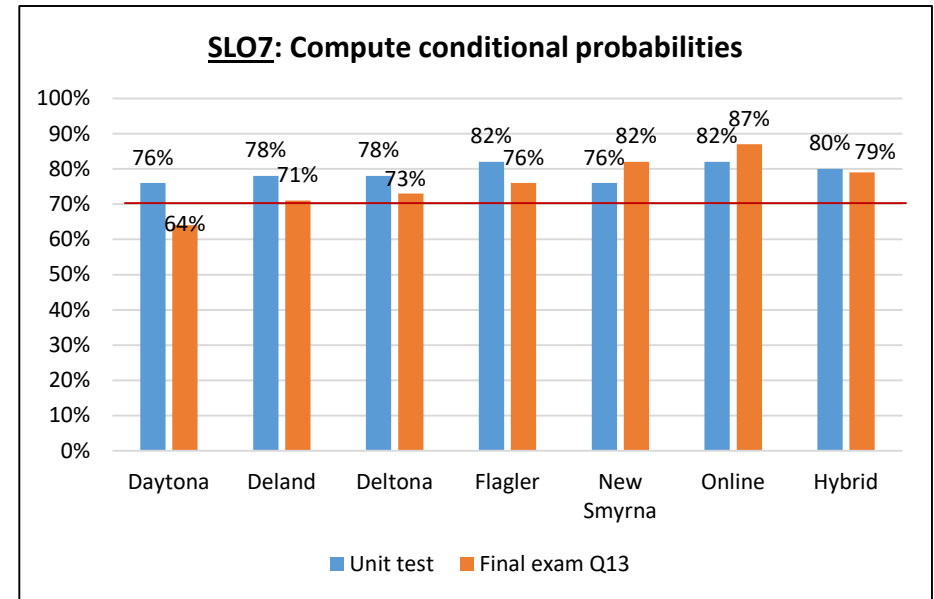
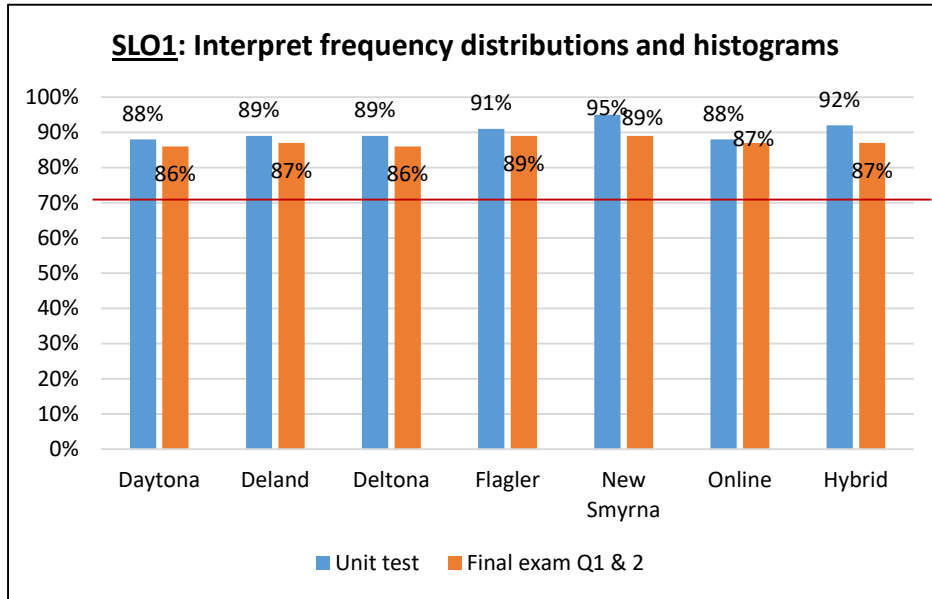
Course Assessment Data – MGF2106



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

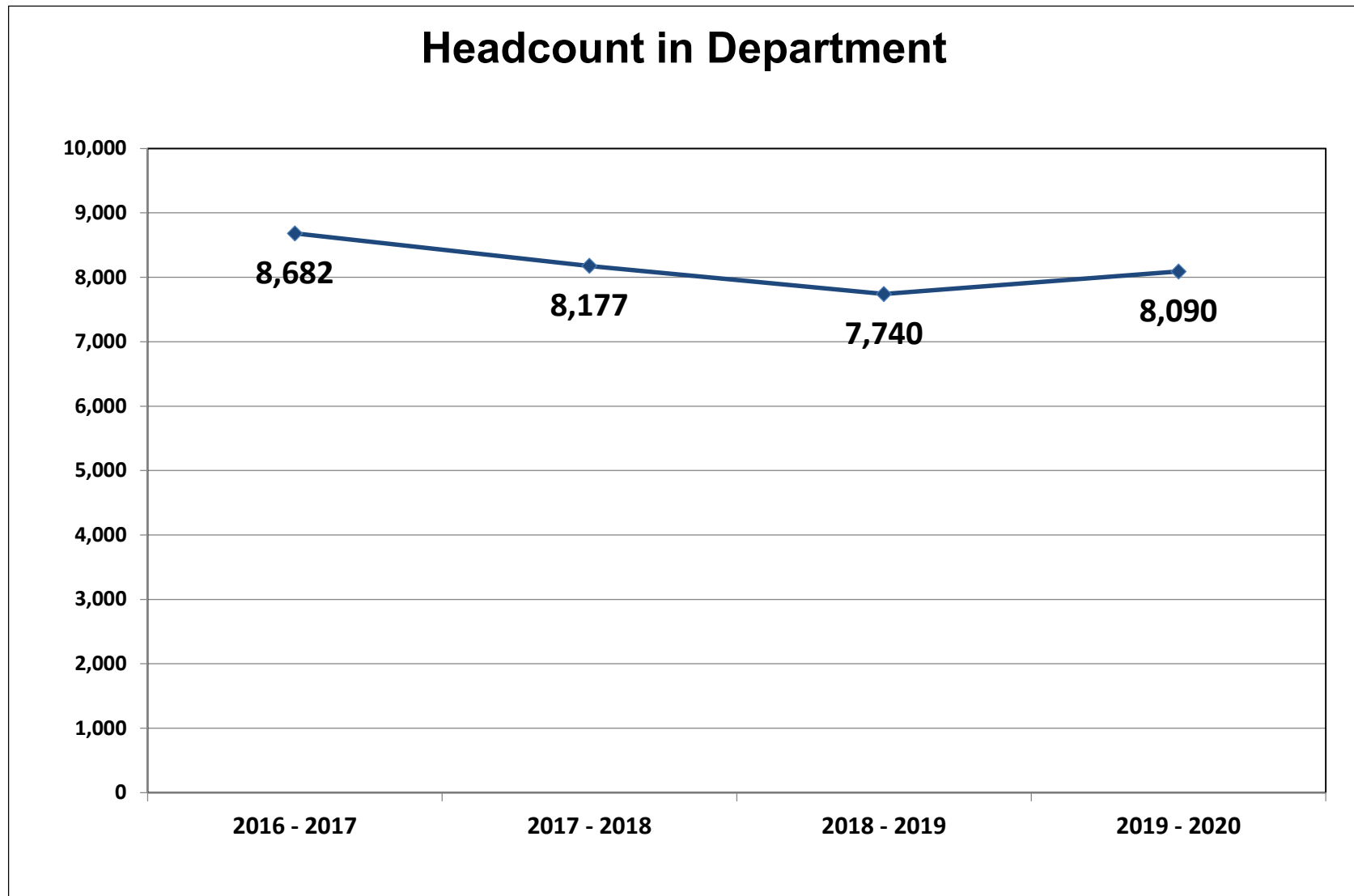
Success Rate 2019-2020: 71%

Course Assessment Data – STA2023



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

Success Rate 2019-2020: 77%



Dual Enrollment count for 2019-2020: 1,245

Source: IR Program Assessment Data

Course Success Rates

Course	2016-2017		2017-2018		2018-2019		2019-2020	
	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
MAT0018C	393	69%	306	70%	261	73%	293	73%
MAT0028C	799	65%	548	70%	506	67%	584	66%
MAT0055L*	187	46%	138	64%	59	59%	48	63%
MAT0056L	67	96%	110	91%	71	92%	74	95%
MAT1033	1,729	67%	1,643	65%	1,434	70%	1,682	72%
MAT1033A	194	57%	141	65%	67	66%	48	63%
MAC1105	2,466	69%	2,389	72%	2,426	69%	2,363	72%
MAC1114	709	65%	806	68%	701	65%	662	73%
MAC1140	659	69%	732	72%	677	75%	672	78%
STA2023	2,116	75%	1,914	81%	1,924	75%	2,089	77%
MGF2106	2,176	76%	1,944	70%	1,846	74%	2,109	71%
MGF2107	603	65%	574	66%	461	72%	459	77%
MAC2233	86	72%	91	66%	118	68%	96	70%
MAC2311C	316	67%	287	71%	302	68%	294	67%
MAC2312C	142	72%	124	67%	116	70%	133	68%
MAC2313C	68	59%	75	72%	46	52%	59	71%
MAP2302C	44	89%	34	97%	30	70%	35	77%
MAS3105	5	100%	5	100%	4	100%	8	88%
MAS3301	4	75%	6	50%	6	83%	3	67%
MAS4203	10	90%	6	50%	5	100%	4	75%
MHF4404			8	88%	4	100%	4	50%
MTG4212	7	100%	3	100%	4	100%	2	100%
STA4024	5	80%	6	83%	2	100%	4	100%
Total	12,785	70%	11,890	71%	11,070	71%	11,725	73%

■ 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	2016-2017		2017-2018		2018-2019		2019-2020	
		Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
MAC1105	Daytona	880	68%	764	70%	753	64%	754	71%
	Deland	309	79%	287	86%	260	79%	240	82%
	Deltona	148	68%	131	77%	111	63%	99	68%
	Flagler/Palm Cst	273	71%	265	69%	255	78%	233	77%
	New Smyrna Beach	134	87%	96	80%	104	78%	88	90%
MAC1114	Daytona	301	61%	298	59%	237	54%	233	60%
	Deland	101	62%	126	78%	100	75%	80	71%
	Flagler/Palm Cst	33	48%	49	55%	40	38%	32	75%
MAC1140	Daytona	314	68%	289	71%	257	70%	227	72%
	Deland	100	71%	120	70%	87	79%	89	83%
	Flagler/Palm Cst	43	65%	38	58%	48	67%	54	67%
MAC2311C	Daytona					208	66%	179	64%
	Deland					20	50%	41	71%
MAT0018C	Daytona	197	63%	168	66%	136	76%	166	72%
	Deland	57	81%	31	81%	26	69%	43	70%
	Deltona	70	77%	46	70%	43	67%	41	63%
	Flagler/Palm Cst	47	72%	49	76%	36	72%	25	88%
	New Smyrna Beach	22	55%	12	75%	20	70%	18	83%
MAT0028C	Daytona	317	60%	238	63%	201	64%	271	61%
	Deland	161	75%	88	67%	79	67%	89	71%
	Deltona	148	65%	115	77%	123	64%	98	72%
	Flagler/Palm Cst	126	75%	75	80%	69	80%	81	74%
	New Smyrna Beach	47	51%	32	75%	34	74%	45	60%

■ 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	2016-2017		2017-2018		2018-2019		2019-2020		
		Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	
MAT0055L	Daytona	113	42%	84	61%	34	50%	48	63%	↑
	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	25	100%	70	91%	43	91%	47	96%	↑
	Deland	2	100%	15	73%	14	93%	16	94%	
	Deltona			11	100%	4	100%	4	75%	
	Flagler/Palm Cst			4	100%	7	100%	6	100%	
	New Smyrna Beach	1	100%	10	100%	3	67%	1	100%	
MAT1033	Daytona	601	66%	522	64%	462	65%	548	64%	↑
	Deland	163	71%	168	71%	123	76%	134	86%	
	Deltona	133	66%	143	63%	105	67%	112	79%	
	Flagler/Palm Cst	193	55%	149	48%	132	78%	154	77%	
	New Smyrna Beach	57	93%	49	88%	41	71%	55	80%	
MAT1033A	Daytona	119	53%	85	61%	36	50%	48	63%	↑
	Deland	35	49%	16	88%	16	100%			
	Deltona									
	Flagler/Palm Cst	26	69%	20	70%	15	67%			
	New Smyrna Beach	14	93%	20	60%					
MGF2106	Daytona	767	73%	685	69%	598	73%	661	65%	↑
	Deland	170	82%	144	75%	142	77%	196	73%	
	Deltona	113	78%	105	72%	71	73%	94	69%	
	Flagler/Palm Cst	45	76%	61	77%	85	74%	102	73%	
	New Smyrna Beach	70	79%	63	83%	64	80%	72	72%	
MGF2107	Daytona	201	70%	140	74%	111	68%	113	80%	↑
	Flagler/Palm Cst	44	70%	49	65%	41	83%	14	86%	
STA2023	Daytona	630	77%	570	85%	544	78%	532	75%	↑
	Deland	252	82%	243	87%	200	84%	232	90%	
	Deltona	70	86%	53	96%	37	76%	47	77%	
	Flagler/Palm Cst	101	79%	108	81%	111	77%	132	87%	
	New Smyrna Beach	112	94%	102	90%	58	91%	97	86%	

■ 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		2019-2020	
	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
Daytona	5,025	68%	4,425	70%	3,875	68%	4,093	69%
Deland	1,384	75%	1,252	79%	1,080	78%	1,160	80%
Deltona	682	71%	604	75%	494	67%	495	72%
Flagler/Palm Cst	957	68%	887	68%	851	75%	833	78%
New Smyrna Beach	471	83%	404	82%	324	79%	376	80%
Online			4,318	70%	4,446	72%	4,768	74%
Total	8,519*	70%	11,890	71%	11,070	71%	11,725	73%

* 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	2016-2017		2017-2018		2018-2019		2019-2020	
		Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
MAC1105	Hybrid	153	69%	140	75%	113	65%	110	84%
	Lecture	1,591	72%	1403	74%	1370	70%	1304	74%
	Online	722	62%	846	68%	943	67%	949	69%
MAC1114	Lecture	435	60%	473	64%	377	58%	345	64%
	Online	274	72%	333	74%	324	74%	317	84%
MAC1140	Lecture	457	68%	447	69%	392	72%	370	74%
	Online	202	73%	285	76%	285	79%	302	82%
MAC2233	Lecture	36	72%	35	69%	38	66%	14	79%
	Online	50	72%	56	64%	80	69%	82	68%
MAC2311C	Lecture	239	67%	210	67%	228	64%	220	65%
	Online	77	68%	77	81%	74	77%	74	73%
MAT1033	Lecture	1,147	66%	1031	64%	863	69%	1003	71%
	Online	582	67%	612	67%	571	71%	679	73%
MGF2106	Hybrid	725	73%	701	67%	592	72%	896	67%
	Lecture	440	79%	357	79%	368	76%	229	71%
	Online	1,011	76%	886	69%	886	74%	984	74%
MGF2107	Hybrid			23	61%	31	84%	46	80%
	Lecture	245	70%	166	73%	121	69%	81	80%
	Online	358	61%	385	63%	309	72%	332	76%
STA2023	Hybrid	102	72%	196	84%	211	71%	472	81%
	Lecture	1,063	81%	880	86%	739	82%	568	81%
	Online	951	69%	838	74%	974	71%	1049	72%
DSC	Hybrid		81%		83%		81.9%		82.2%
	Lecture		81%		83%		82.5%		80.3%
	Online		76%		78%		79.9%		81.2%

School Course Success Rate by Instructional Method – Overall

Campus	2016-2017		2017-2018		2018-2019		2019-2020	
	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
Online	4,266	69%	4,318	70%	4,446	72%	4,768	74%
Lecture	7,539	70%	6,512	72%	5,677	71%	5,433	72%
Hybrid	980	72%	1,060	71%	947	71%	1,524	73%
Total	12,785	70%	11,890	71%	11,070	71%	11,725	73%

■ 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	2016-2017		2017-2018		2018-2019		2019-2020	
			Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
MAC1105	FA	A term	106	73%	141	75%	48	71%	73	90%
		B term	89	56%	136	63%	121	66%	126	62%
		Full term	977	72%	913	74%	903	70%	871	71%
	SP	A term	109	81%	74	73%	97	77%	162	77%
		B term	63	59%	68	66%	76	54%	62	77%
		Full term	819	66%	730	70%	802	66%	767	71%
SU	Full term	303	69%	327	76%	379	72%	302	75%	
MAC1114	FA	Full term	267	63%	304	67%	278	64%	260	68%
	SP	Full term	304	62%	362	66%	273	63%	261	77%
	SU	Full term	138	75%	140	76%	150	72%	141	77%
MAC1140	FA	Full term	283	69%	302	74%	251	70%	244	70%
	SP	Full term	259	68%	300	70%	292	77%	297	82%
	SU	Full term	117	76%	130	72%	134	78%	131	81%
MAC2233	FA	Full term	32	78%	25	72%	40	55%	28	64%
	SP	Full term	27	67%	40	53%	45	78%	39	72%
	SU	Full term	27	70%	26	81%	33	70%	29	72%
MAC2311C	FA	Full term	131	60%	111	63%	113	61%	134	59%
	SP	Full term	112	76%	126	75%	130	69%	106	71%
	SU	Full term	73	68%	50	76%	59	76%	54	81%
MAC2312C	FA	Full term	55	76%	49	59%	42	69%	43	58%
	SP	Full term	53	58%	51	63%	54	69%	65	74%
	SU	Full term	34	85%	24	92%	20	75%	25	68%
MAC2313C	FA	Full term	20	50%	30	70%	19	37%	22	59%
	SP	Full term	28	57%	32	72%	13	69%	21	86%
	SU	Full term	20	70%	13	77%	14	57%	16	69%
MAP2302C	FA	Full term	23	87%	23	100%	9	56%	9	67%
	SP	Full term	21	90%	11	91%	8	75%	16	88%
	SU	Full term					13	77%	10	70%

■ 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	2016-2017		2017-2018		2018-2019		2019-2020	
			Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
MAT0018C	FA	A term	111	68%	78	65%	57	68%	66	80%
		B term	18	83%	17	65%	17	76%	12	83%
		Full term	71	66%	66	70%	68	76%	70	77%
	SP	A term	44	70%	25	92%	25	80%	47	74%
		B term	20	65%	13	38%	8	88%	10	60%
		Full term	64	67%	57	70%	60	67%	48	52%
	SU	Full term	65	69%	50	76%	26	73%	40	75%
MAT0028C	FA	A term	97	69%	55	73%	33	67%	57	72%
		B term	130	61%	86	65%	87	63%	102	71%
		Full term	203	63%	142	63%	130	65%	163	57%
	SP	A term	26	69%	31	68%	28	75%	31	58%
		B term	68	63%	43	72%	46	61%	41	61%
		Full term	137	64%	102	73%	121	69%	105	69%
	SU	Full term	138	74%	89	78%	61	77%	85	78%
MAT0055L	FA	Full term	131	60%	107	68%	46	65%	33	61%
	SP	Full term	56	14%	31	52%	13	38%	15	67%
MAT0056L	FA	Full term	39	92%	61	85%	33	88%	35	94%
	SP	Full term	19	100%	31	97%	22	100%	22	95%
	SU	Full term	9	100%	18	100%	16	88%	17	94%
MAT1033	FA	A term	87	83%	99	76%	94	77%	79	76%
		B term	145	63%	128	64%	40	55%	71	69%
		Full term	692	66%	704	62%	690	71%	747	71%
	SP	A term	79	77%	52	85%	45	78%	70	81%
		B term	47	53%	38	68%	41	76%	42	76%
		Full term	478	62%	455	61%	383	64%	500	68%
	SU	Full term	201	76%	167	75%	141	78%	173	84%

■ 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	2016-2017		2017-2018		2018-2019		2019-2020	
			Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
MAT1033A	FA	Full term	138	59%	109	69%	54	72%	33	61%
	SP	Full term	56	52%	32	53%	13	38%	15	67%
MGF2106	FA	A term	30	80%	26	88%	29	86%	30	90%
		B term	179	71%	128	76%	145	70%	274	73%
		Full term	907	76%	758	69%	719	71%	716	66%
	SP	A term	639	73%	47	74%	76	88%	55	75%
		B term	50	76%	125	65%	68	65%	157	75%
		Full term	105	70%	612	67%	541	75%	566	68%
		SU	Full term	266	84%	248	79%	268	80%	311
MGF2107	FA	B term			45	76%	40	78%	44	75%
		Full term	260	63%	192	70%	160	67%	122	73%
	SP	B term			41	59%	43	74%	42	79%
		Full term	231	65%	198	58%	150	73%	183	78%
	SU	Full term	69	75%	98	70%	68	76%	68	84%
STA2023	FA	A term	88	80%	105	79%	77	84%	138	84%
		B term	72	61%	40	65%	57	67%	99	68%
		Full term	624	72%	640	81%	647	73%	613	74%
	SP	A term	97	93%	94	88%	37	73%	204	81%
		B term	93	66%	82	76%	135	79%	98	83%
	SU	Full term	732	76%	616	80%	587	76%	581	75%
SU	Full term	410	78%	337	82%	384	77%	356	80%	




 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		2019-2020	
		Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
Fall	A term	519	74%	504	75%	338	76%	443	82%
	B Term	667	63%	580	68%	507	67%	728	70%
	Full term	4,833	70%	4,548	71%	4,213	70%	4,150	69%
Spring	A term	405	80%	323	80%	308	80%	569	78%
	B Term	439	63%	410	67%	417	70%	452	76%
	Full term	4,045	68%	3,805	69%	3,517	70%	3,623	73%
Summer	All term	1,877	76%	1,720	77%	1,770	76%	1,760	79%
Total		12,785	70%	11,890	71%	11,070	71%	11,725	73%

 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	2018-19		2019-20	
	Enrolled	Success Rate	Enrolled	Success Rate
MAC1105	2,426	69%	2363	72%
American Indian/Alas	2	50%	8	63%
Asian	61	72%	70	84%
Black	271	56%	221	66%
Hispanic/Latino	435	66%	446	69%
Native Hawaiian/Paci	1	100%	5	40%
Two or More Races	96	67%	115	67%
Unknown	60	75%	51	78%
White	1,500	72%	1447	74%
MAC1114	701	65%	662	73%
American Indian/Alas	1	0%	1	100%
Asian	23	70%	35	74%
Black	60	47%	58	74%
Hispanic/Latino	126	67%	128	72%
Two or More Races	35	54%	28	71%
Unknown	10	70%	16	75%
White	446	68%	396	74%
MAC1140	677	75%	672	78%
American Indian/Alas	1	100%	1	0%
Asian	25	80%	27	89%
Black	51	65%	48	71%
Hispanic/Latino	115	71%	116	78%
Two or More Races	22	82%	33	73%
Unknown	11	82%	11	82%
White	451	76%	436	78%
MAC2233	118	68%	96	70%
Asian	9	78%	1	0%
Black	12	58%	4	75%
Hispanic/Latino	10	80%	13	77%
Two or More Races	1	0%	2	100%
Unknown	2	100%	2	100%
White	84	67%	74	68%

Course and Race/Ethnicity	2018-19		2019-20	
	Enrolled	Success Rate	Enrolled	Success Rate
MAC2311C	302	68%	294	67%
American Indian			1	100%
Asian	15	80%	13	77%
Black	22	59%	22	55%
Hispanic/Latino	66	64%	50	54%
Two or More Races	15	67%	18	61%
Unknown	4	100%	4	75%
White	180	68%	186	72%
MAC2312C	116	70%	133	68%
Asian	6	50%	11	91%
Black	9	44%	9	56%
Hispanic/Latino	18	83%	16	56%
Two or More Races	5	80%	4	50%
Unknown	4	25%	5	80%
White	74	73%	88	68%
MAC2313C	46	52%	59	71%
American Indian			2	50%
Asian	2	100%	3	100%
Black	4	50%	5	80%
Hispanic/Latino	10	30%	6	67%
Two or More Races	1	0%	1	100%
White	29	59%	42	69%
MAP2302C	30	70%	35	77%
Black	3	100%	5	80%
Hispanic/Latino	5	60%	3	33%
Two or More Races			2	50%
Unknown			1	100%
White	21	67%	24	83%
MAS3105	4	100%	8	88%
Asian			1	100%
White	3	100%	7	86%
MAS3301	6	83%	3	67%
Hispanic/Latino	2	100%	1	100%
White	4	75%	2	50%
MAS4203	5	100%	4	75%
Hispanic/Latino	2	100%	1	100%
Two or More Races			1	100%
White	3	100%	2	50%

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	2018-19		2019-20	
	Enrolled	Success Rate	Enrolled	Success Rate
MAT0018C	261	73%	293	73%
American Indian			1	0%
Asian	4	75%	3	100%
Black	47	74%	66	50%
Hispanic/Latino	59	66%	57	79%
Two or More Races	12	75%	11	73%
Unknown	4	75%	7	71%
White	135	75%	148	80%
MAT0028C	506	67%	584	66%
American Indian	1	0%	3	67%
Asian	7	71%	12	83%
Black	78	68%	110	57%
Hispanic/Latino	128	63%	128	71%
Native Hawaiian/Paci	1	100%	2	100%
Two or More Races	20	75%	30	53%
Unknown	10	80%	12	92%
White	261	68%	287	67%
MAT0055L	59	59%	48	63%
Asian			6	50%
Black	10	50%	8	50%
Hispanic/Latino	20	60%	6	50%
Two or More Races	2	0%	4	75%
Unknown	1	100%	4	100%
White	26	65%	20	65%
MAT0056L	71	92%	74	95%
Asian			1	100%
Black	15	100%	9	100%
Hispanic/Latino	14	93%	15	100%
White	38	92%	49	92%

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 and Race/Ethnicity	2018-19		2019-20	
	Enrolled	Success Rate	Enrolled	Success Rate
MAT1033	1,434	70%	1682	72%
American Indian/Alas	4	50%	5	100%
Asian	30	67%	34	94%
Black	211	58%	243	56%
Hispanic/Latino	277	71%	347	77%
Native Hawaiian/Paci	6	50%	2	100%
Two or More Races	61	56%	96	70%
Unknown	33	73%	26	65%
White	812	74%	929	74%
MAT1033A	67	66%	48	63%
Asian			6	50%
Black	10	50%	8	50%
Hispanic/Latino	24	63%	6	50%
Two or More Races	3	33%	4	75%
Unknown	1	100%	4	100%
White	28	75%	20	65%
MGF2106	1,846	74%	2109	71%
American Indian/Alas	1	0%	5	80%
Asian	14	93%	25	84%
Black	306	60%	364	60%
Hispanic/Latino	381	72%	428	65%
Native Hawaiian/Paci	3	100%	3	100%
Two or More Races	77	66%	94	59%
Unknown	29	76%	32	75%
White	1,035	79%	1158	77%
MGF2107	461	72%	459	77%
American Indian/Alas	2	50%	3	67%
Asian	3	100%	6	100%
Black	82	67%	88	67%
Hispanic/Latino	77	61%	71	76%
Native Hawaiian/Paci	1	100%	1	100%
Two or More Races	17	88%	18	67%
Unknown	2	50%	4	100%
White	277	75%	268	81%

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

Course and Race/Ethnicity	2018-19		2019-20	
	Enrolled	Success Rate	Enrolled	Success Rate
MHF4404	4	100%	4	50%
Hispanic/Latino	2	100%		
White	2	100%	4	50%
MTG4212	4	100%	2	100%
Hispanic/Latino	2	100%	1	100%
White	2	100%	1	100%
STA2023	1,924	75%	2089	77%
American Indian/Alas	3	67%	5	60%
Asian	57	77%	54	83%
Black	210	67%	273	65%
Hispanic/Latino	322	68%	340	74%
Native Hawaiian/Paci	1	100%	2	50%
Two or More Races	79	75%	84	77%
Unknown	54	85%	38	76%
White	1,198	78%	1293	80%
STA4024	2	100%	4	100%
Hispanic/Latino	1	100%	1	100%
Two or More Races			1	100%
White	1	100%	2	100%
Grand Total	11,070	71%	11,725	73%

■ 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	2018-19		2019-20	
	Enrolled	Success Rate	Enrolled	Success Rate
American Indian/Alas	16	50%	35	69%
Asian	257	75%	308	83%
Black	1,402	61%	1,541	62%
Hispanic/Latino	2,096	68%	2,180	71%
Native Hawaiian/Paci	14	71%	15	73%
Two or More Races	449	67%	546	68%
Unknown	226	77%	217	78%
White	6,610	74%	6,883	76%
Grand Total	11,070	71%	11,725	73%

■ 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 Modality and Race/Ethnicity (1 of 4)

Course, Modality, & Race/Ethnicity	2019-20	
	Enrolled	Success Rate
MAC1105	2363	72%
Online	949	69%
American Indian/Alas	1	100%
Asian	24	88%
Black	93	61%
Hispanic/Latino	182	70%
Native Hawaiian/Paci	4	25%
Two or More Races	50	68%
Unknown	15	67%
White	580	69%
Lecture	1304	74%
American Indian/Alas	7	57%
Asian	45	82%
Black	119	69%
Hispanic/Latino	234	68%
Native Hawaiian/Paci	1	100%
Two or More Races	61	64%
Unknown	35	83%
White	802	77%
Hybrid	110	84%
Asian	1	100%
Black	9	78%
Hispanic/Latino	30	70%
Two or More Races	4	100%
Unknown	1	100%
White	65	89%
MAC1114	662	73%
Online	317	84%
American Indian/Alas	1	100%
Asian	13	92%
Black	22	77%
Hispanic/Latino	61	80%
Two or More Races	15	80%
Unknown	6	83%
White	199	85%

Course, Modality, & Race/Ethnicity	2019-20	
	Enrolled	Success Rate
MAC1114	662	73%
Lecture	345	64%
Asian	22	64%
Black	36	72%
Hispanic/Latino	67	64%
Two or More Races	13	62%
Unknown	10	70%
White	197	62%
MAC1140	672	78%
Online	302	82%
Asian	9	89%
Black	21	76%
Hispanic/Latino	48	85%
Two or More Races	15	80%
Unknown	4	100%
White	205	81%
Lecture	370	74%
American Indian/Alas	1	0%
Asian	18	89%
Black	27	67%
Hispanic/Latino	68	74%
Two or More Races	18	67%
Unknown	7	71%
White	231	75%
MAC2233	96	70%
Online	82	68%
Asian	1	0%
Black	3	67%
Hispanic/Latino	9	67%
Two or More Races	2	100%
Unknown	2	100%
White	65	68%
Lecture	14	79%
Black	1	100%
Hispanic/Latino	4	100%
White	9	67%

■ 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 Modality and Race/Ethnicity (2 of 4)

Course, Modality, & Race/Ethnicity	2019-20	
	Enrolled	Success Rate
MAC2311C	294	67%
Online	74	73%
Asian	2	50%
Black	8	63%
Hispanic/Latino	13	54%
Two or More Races	6	83%
White	45	80%
Lecture	220	65%
American Indian/Alas	1	100%
Asian	11	82%
Black	14	50%
Hispanic/Latino	37	54%
Two or More Races	12	50%
Unknown	4	75%
White	141	70%
MAC2312C	133	68%
Lecture	133	68%
Asian	11	91%
Black	9	56%
Hispanic/Latino	16	56%
Two or More Races	4	50%
Unknown	5	80%
White	88	68%
MAC2313C	59	71%
Lecture	59	71%
American Indian/Alas	2	50%
Asian	3	100%
Black	5	80%
Hispanic/Latino	6	67%
Two or More Races	1	100%
White	42	69%

Course, Modality, & Race/Ethnicity	2019-20	
	Enrolled	Success Rate
MAP2302C	35	77%
Lecture	35	77%
Black	5	80%
Hispanic/Latino	3	33%
Two or More Races	2	50%
Unknown	1	100%
White	24	83%
MAS3105	8	88%
Lecture	8	88%
Asian	1	100%
White	7	86%
MAS3301	3	67%
Lecture	3	67%
Hispanic/Latino	1	100%
White	2	50%
MAS4203	4	75%
Lecture	4	75%
Hispanic/Latino	1	100%
Two or More Races	1	100%
White	2	50%
MAT0018C	293	73%
Lecture	293	73%
American Indian/Alas	1	0%
Asian	3	100%
Black	66	50%
Hispanic/Latino	57	79%
Two or More Races	11	73%
Unknown	7	71%
White	148	80%

■ 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 Modality and Race/Ethnicity (3 of 4)

Course, Modality, & Race/Ethnicity	2019-20	
	Enrolled	Success Rate
MAT0028C	584	66%
Lecture	584	66%
American Indian/Alas	3	67%
Asian	12	83%
Black	110	57%
Hispanic/Latino	128	71%
Native Hawaiian/Paci	2	100%
Two or More Races	30	53%
Unknown	12	92%
White	287	67%
MAT0055L	48	63%
Lecture	48	63%
Asian	6	50%
Black	8	50%
Hispanic/Latino	6	50%
Two or More Races	4	75%
Unknown	4	100%
White	20	65%
MAT0056L	74	95%
Lecture	74	95%
Asian	1	100%
Black	9	100%
Hispanic/Latino	15	100%
White	49	92%
MAT1033	1682	72%
Online	679	73%
American Indian/Alas	1	100%
Asian	10	100%
Black	112	56%
Hispanic/Latino	132	80%
Native Hawaiian/Paci	1	100%
Two or More Races	43	67%
Unknown	8	50%
White	372	76%

Course, Modality, & Race/Ethnicity	2019-20	
	Enrolled	Success Rate
MAT1033	1682	72%
Lecture	1003	71%
American Indian/Alas	4	100%
Asian	24	92%
Black	131	55%
Hispanic/Latino	215	75%
Native Hawaiian/Paci	1	100%
Two or More Races	53	72%
Unknown	18	72%
White	557	73%
MAT1033A	48	63%
Lecture	48	63%
Asian	6	50%
Black	8	50%
Hispanic/Latino	6	50%
Two or More Races	4	75%
Unknown	4	100%
White	20	65%
MGF2106	2109	71%
Online	984	74%
American Indian/Alas	3	67%
Asian	8	75%
Black	144	60%
Hispanic/Latino	175	65%
Two or More Races	44	66%
Unknown	21	71%
White	589	81%
Lecture	229	71%
American Indian/Alas	2	100%
Asian	7	100%
Black	52	52%
Hispanic/Latino	33	76%
Native Hawaiian/Paci	1	100%
Two or More Races	13	62%
Unknown	4	100%
White	117	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 Modality and Race/Ethnicity (4 of 4)

Course, Modality, & Race/Ethnicity	2019-20	
	Enrolled	Success Rate
MGF2106	2109	71%
Hybrid	896	67%
Asian	10	80%
Black	168	63%
Hispanic/Latino	220	64%
Native Hawaiian/Paci	2	100%
Two or More Races	37	49%
Unknown	7	71%
White	452	71%
MGF2107	459	77%
Online	332	76%
American Indian/Alas	3	67%
Asian	1	100%
Black	58	67%
Hispanic/Latino	50	74%
Two or More Races	12	75%
Unknown	2	100%
White	206	79%
Lecture	81	80%
Asian	3	100%
Black	16	56%
Hispanic/Latino	11	91%
Native Hawaiian/Paci	1	100%
Two or More Races	3	33%
Unknown	2	100%
White	45	87%
Hybrid	46	80%
Asian	2	100%
Black	14	79%
Hispanic/Latino	10	70%
Two or More Races	3	67%
White	17	88%
MHF4404	4	50%
Lecture	4	50%
White	4	50%

Course, Modality, & Race/Ethnicity	2019-20	
	Enrolled	Success Rate
MTG4212	2	100%
Lecture	2	100%
Hispanic/Latino	1	100%
White	1	100%
STA2023	2089	77%
Online	1049	72%
American Indian/Alas	1	0%
Asian	29	79%
Black	136	60%
Hispanic/Latino	169	69%
Two or More Races	43	70%
Unknown	18	78%
White	653	76%
Lecture	568	81%
American Indian/Alas	3	67%
Asian	13	77%
Black	80	66%
Hispanic/Latino	89	79%
Two or More Races	22	82%
Unknown	9	78%
White	352	85%
Hybrid	472	81%
American Indian/Alas	1	100%
Asian	12	100%
Black	57	75%
Hispanic/Latino	82	78%
Native Hawaiian/Paci	2	50%
Two or More Races	19	89%
Unknown	11	73%
White	288	82%
STA4024	4	100%
Lecture	4	100%
Hispanic/Latino	1	100%
Two or More Races	1	100%
White	2	100%
Grand Total	11725	73%

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	2019-2020		19-20 Overall
	Attempted	% Successful		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%	177	74%	71%
STA2023	63	97%	75%	136	89%	81%	92	89%	75%	165	86%	77%
Total	320	77%		425	79%		215	82%		342	80%	

■ 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	2019-2020		19-20 Overall
	Attempted	% Successful		Attempted	% Successful		Attempted	% Successful	
MAC1105	391	91%	72%	495	89%	69%	713	88%	72%
MAC1114	66	85%	68%	118	78%	65%	163	87%	73%
MAC1140	70	91%	72%	125	90%	75%	176	90%	78%
MAC2233	3	67%	66%	9	89%	68%	11	64%	70%
MAC2311C	13	85%	71%	29	86%	68%	43	88%	67%
MAC2312C	4	75%	67%	10	90%	70%	21	95%	68%
MAC2313C	2	50%	72%	5	60%	52%	8	88%	71%
MAP2302C	1	100%	97%	2	100%	70%	4	100%	77%
MAS3105				1	100%	100%			
MAT0028C							1	100%	66%
MAT0055L							1	100%	63%
MAT1033	199	90%	65%	212	92%	70%	309	93%	72%
MAT1033A							1	100%	63%
MGF2106	21	95%	70%	59	95%	74%	106	92%	71%
MGF2107	6	83%	66%	9	100%	72%	20	95%	77%
MHF4404							1	100%	50%
STA2023	129	96%	81%	216	93%	75%	372	94%	77%
STA4024							1	100%	100%
Grand Total	905	91%		1290	90%		1951	90%	

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

Success Rates for Dual Enrolled Students by Campus

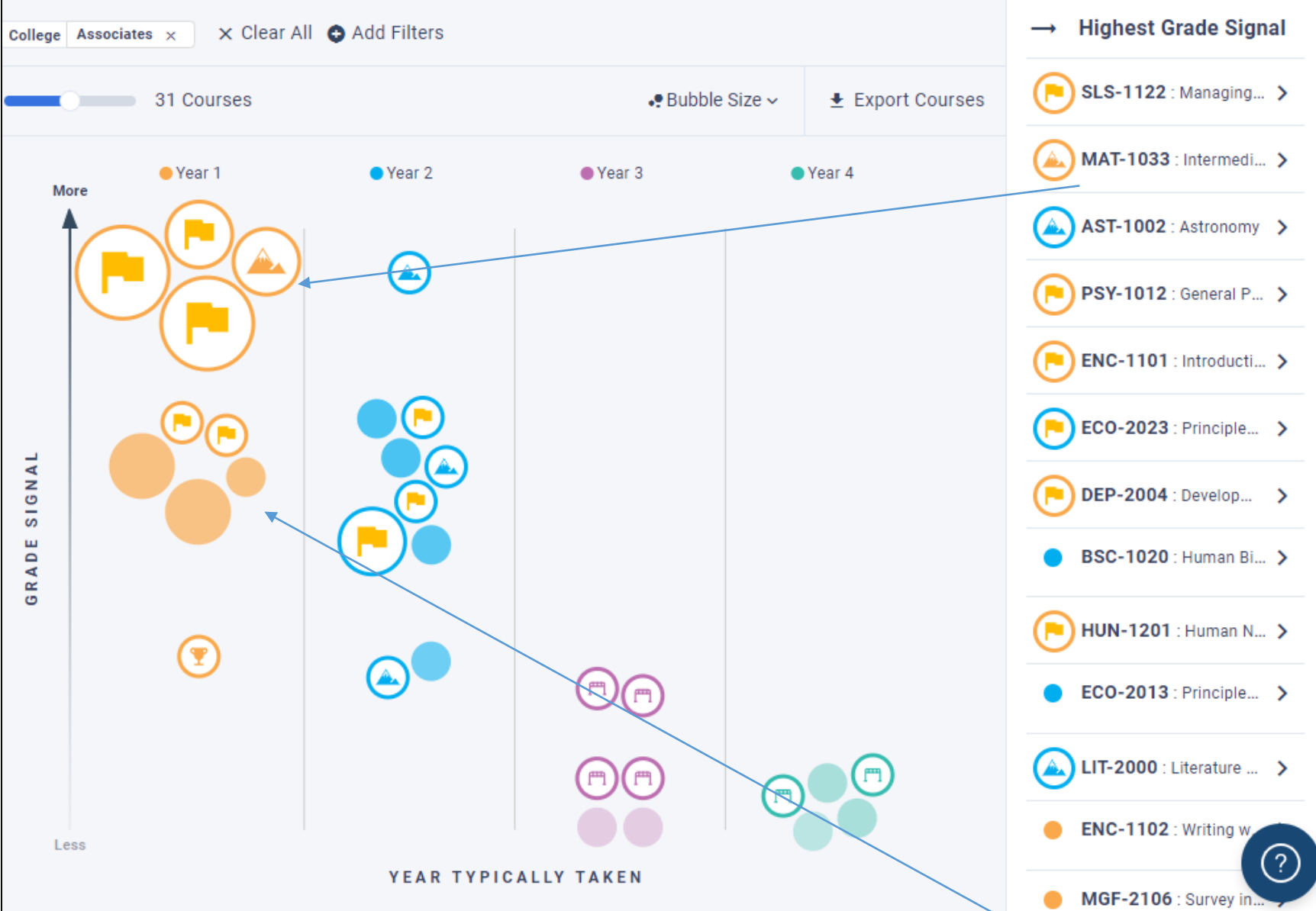
Course	2018-2019		2019-2020	
	Attempted	% Successful	Attempted	% Successful
Daytona	348	88%	577	90%
Deltona	39	97%	61	98%
DeLand	180	93%	252	92%
Flagler	189	88%	274	91%
New Smyrna Beach	62	97%	111	96%
Online	472	89%	676	88%
Grand Total	1,290	90%	1951	90%

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

Civitas

A student's course grade strongly signals graduation likelihood

creates the biggest boost in graduation likelihood for an individual student. Advising students to prioritize these courses could increase their graduation likelihood.





2020-2021

Academic Affairs

Assessment Day – Program Guides

*A Review of Program Guide and Course Catalog
Information*

Program Guides - Overview

- Given Assessment Day results, are there any changes needed to or desired for the Program Guide?
- Please Review:
 - Program Information
 - General Education Course Selections (if applicable)
 - Program Course Catalog Information
 - Program of Study

Program Guides – Information Review

- Mission statement
 - Does it accurately state the purpose and goals of the program?
- Description
 - Does it clearly portray the nature of the program and any unique characteristics (i.e. embedded certificates, industry certifications, program accreditations, etc.)?

Program Guides – General Ed. Review

- General Education Courses *(if applicable)*
 - Are the selection of courses aligned with the academic knowledge students need to be successful in the related field(s)/occupations?
 - Must be a minimum of 15 credit hours for A.S. programs
(F.A.C. [6A-10.024](#))
 - Must include ENC1101 and a Math Core course
 - Do the selection of courses allow for seamless transition to the Baccalaureate level (if applicable)?

Program Guides – Course Reqs. Review

- Program Specific Course Requirements
 - Are the courses relevant to the academic and technical skills required in the related field(s)/occupation(s)?
 - Are there any required courses offered by another department? If so, consult with that department on upcoming changes (if any).
 - Are there any courses that have not been offered in over 5 years?

Program Guides – Course Info. Review

- Program Specific Course Catalog Information
 - Is the course description accurate?
 - Are the course prefix, number and/or title relevant?
 - Are the term offerings up-to-date?
 - Are the prerequisite and corequisite course assignments appropriate to what students need to know to be successful in the requisite (*required*) course?

Program Guide – Program of Study Review

- Program of Study
 - Is the sequence of courses structured from foundational to advanced content, as appropriate?
 - Does the sequence align with course, term offerings?
 - Does the sequence align with course, prerequisite/co-requisite assignments?
 - Are there any special notes/information missing, incorrect or desired?