

## General Education Assessment Report

**Submitted By:**  
*Institutional Planning and Effectiveness,  
Outcomes and Assessment*

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**Report Created and Compiled by:**

Dr. Julie Mura, Senior Director, Learning Assessment and Effectiveness

**2021-2022 College Assessment Team for Student Success**

Professor Lori Albrizio

Professor Helen Henderson

Professor David Hennessy

Dr. Vanessa Hormann

Dr. Michael Hurlburt

Dr. Laura Iossi

Dr. Billy Jones

Dr. Joanne Kampiziones-Ying

Professor Joshua Kimber

Dr. Behnoush Memari

Dr. David Perdian

Dr. Kieron Prince

Professor Laura Rambarose

Professor Jasmine Vazquez

## Report Overview

### College Assessment Team for Student Success Overview

The purpose of the College Assessment Team for Student Success (CATS) is to facilitate the process for assessment of student learning of general education. Team members coordinate and facilitate the collection and analysis of data for the assessment of student learning outcomes in general education courses, along with courses in the Associates of Arts degree program. The CATS are a faculty- led team that works directly with all faculty across the College providing support and guidance for best practices in academic assessment.

This General Education Outcomes and Assessment Report represents the aggregate data for the Academic Year (AY) of 2021-2022. This document gives an overview of assessment results from assessed general education competencies. The results in this report are aggregated representing Broward College students generally, not individual students or faculty.

### Assessment Overview

As of AY 2021-2022, the College recognizes six competencies in all areas of general education courses. Each term these competencies are assessed. These competencies are:

- Critical Thinking
- Effective Communication (Mathematical, Oral, and Written)
- Global Awareness
- Ethical Reasoning
- Information Literacy
- Mathematical & Scientific Reasoning

In the academic year 2020-2021, the College's General Education Task Force recommended the competency previously named Global Self-Awareness be changed to Global Awareness, and an updated competency rubric created. Additionally, as a result of the Task Force, the Critical Thinking competency is now aligned to all areas of study. To conduct authentic assessment in general education classes, faculty in all areas are provided with a standard rubric aligned to the designated competency and are asked to score student artifacts using the corresponding rubric. The CATS employ an authentic assessment approach to the collection of assessment data. This approach was deemed of greater value by the CATS than a standard assessment model, as requesting faculty select from existing assignments that have been uniquely developed for respective courses, and therefore incorporate more naturally the competencies to be assessed. Requesting faculty use an existing assignment, test, project, or portfolio to assess student learning using the provided rubric. The scale on the rubric is comprised of four categories: exceeds competency, demonstrates competency, approaches competency, and below competency. Competency is considered to be met with a score of "Exceeds" or "Demonstrates" and not met with a score of "Approaches" or "Below."

**Outcomes and Assessment Results  
Fall 2021 and Spring 2022 (20221 and 20222)**

**Course Level**

During the AY 2021-2022, 220 sections of 19 general education courses were randomly selected to participate in the outcomes and assessment process. Course IDs, course titles, and assessed competencies can be found in Table 1 below.

Table 1. *General Education Courses with Titles and Competencies Assessed (Fall 2021/Spring 2022)*

<b>Course ID</b>	<b>Course Title</b>	<b>Competency Assessed</b>
AMH2020	History of the United States Since 1877	Critical Thinking/Global Awareness
ARH2000	Art Appreciation	Information Literacy/Ethical Reasoning
BSC1005	Biological Principles for Non-Majors	Critical Thinking/ Mathematical & Scientific Reasoning
BCS1005L	Biological Principles for Non-Majors lab	Mathematical & Scientific Reasoning
CHM1045	General Chemistry I	Critical Thinking Mathematical & Scientific Reasoning
CHM1045L	General Chemistry I Lab	Mathematical & Scientific Reasoning
ENC1101	Composition I	Effective Communication (Written)
ENC1102	Composition II	Information Literacy/ Effective Communication (Written)
EVR1001	Environmental Science	Critical Thinking/Ethical Reasoning
MAC1105	College Algebra	Mathematical & Scientific Reasoning
MAC1105C	Co-Requisite College Algebra	Effective Communication (Mathematical)
MGF1106	Foundations of Mathematical Reasoning	Mathematical & Scientific Reasoning/Effective Communication (Mathematical)
MUL2010	Music Appreciation	Information Literacy/Effective Reasoning
PHI2600	Ethics	Effective Communication (Written)
PSY2012	General Psychology	Critical Thinking/Information Literacy
SPC1017	Introduction to Speech Communication	Effective Communication (Oral)
SPC1608	Public Speaking	Effective Communication (Oral)
STA2023	Statistics	Mathematical & Scientific Reasoning/Effective Communication (Mathematical)
SYG2000	Principles of Sociology	Critical Thinking/Information Literacy

Note: The following suffixes are added to courses to indicate an international course, “U” or a dual enrollment course, “DE.” In AY 2021-2022, the CATS deliberately expanded assessment to include all international and dual-enrollment sites. This data is displayed in separate lines as indicated throughout this report.

## Summary Snapshot

- Overall, 75% of our students exceeded or demonstrated competency.
- Of the 220 sections selected, 184 sections participated in the assessment process (83.64% response rate).
- Results were tabulated using data from the 4,059 students who participated in the assessment process.

See Table 2 for course level competency results. Competencies are considered to have been met when at least 75% of students are deemed competent. The ideal target is set at 90%.

Table 2. *Course Level Competency Achievement AY 2021-2022 (20221 and 20222)*

Course ID	Exceeds		Demonstrates		Approaches		Below		Totals		Competency Met	
	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>N</i>	%	<i>n</i>	%
AMH2020	130	44%	104	35%	40	13%	23	8%	297	100%	234	79%
AMH2020U	27	45%	17	28%	14	23%	2	3%	60	100%	44	73%
ARH2000	80	43%	68	37%	30	16%	8	4%	186	100%	148	80%
BSC1005	69	36%	75	39%	36	19%	12	6%	192	100%	144	75%
BSC1005L	20	38%	15	29%	8	15%	9	17%	52	100%	35	67%
BSC1005LU	4	36%	5	45%	2	18%	0	0%	11	100%	9	82%
CHM1045	126	43%	63	22%	66	23%	35	12%	290	100%	189	65%
CHM1045L	28	82%	6	18%	0	0%	0	0%	34	100%	34	100%
ENC1101	84	43%	70	36%	30	15%	11	6%	195	100%	154	79%
ENC1101U	8	38%	2	10%	11	52%	0	0%	21	100%	10	48%
ENC1102	120	38%	110	35%	54	17%	29	9%	313	100%	230	73%
ENC1102U	3	9%	4	12%	12	36%	14	42%	33	100%	7	21%
EVR1001	106	50%	56	26%	28	13%	23	11%	213	100%	162	76%
MAC1105	78	57%	24	18%	17	13%	17	13%	136	100%	102	75%
MAC1105CU	20	40%	18	36%	9	18%	3	6%	50	100%	38	76%
MGF1106	38	24%	75	47%	22	14%	23	15%	158	100%	113	72%
MUL2010	60	49%	34	28%	15	12%	13	11%	122	100%	94	77%
PHI2600	84	42%	66	33%	39	20%	10	5%	199	100%	150	75%
PSY2012	70	39%	45	25%	34	19%	32	18%	181	100%	115	64%
PSY2012U	2	22%	2	22%	2	22%	3	33%	9	100%	4	44%
SPC1017	43	40%	46	43%	18	17%	1	1%	108	100%	89	82%

SPC1017U	2	7%	19	63%	9	30%	0	0%	30	100%	21	70%
SPC1608	72	44%	55	34%	27	17%	8	5%	162	100%	127	78%
STA2023	73	29%	107	43%	38	15%	33	13%	251	100%	180	72%
SYG2000	140	49%	106	37%	30	10%	11	4%	287	100%	246	86%
CHM1045LU	26	81%	2	6%	4	13%	0	0%	32	100%	28	88%
ENC1102DE	11	38%	14	48%	2	7%	2	7%	29	100%	25	86%
MAC1105C	103	53%	36	19%	29	15%	25	13%	193	100%	139	72%
MAC1105DE	5	28%	12	67%	1	6%	0	0%	18	100%	17	94%
MAC1105U	8	24%	13	39%	12	36%	0	0%	33	100%	21	64%
MGF1106DE	3	23%	5	38%	4	31%	1	8%	13	100%	8	62%
PHI2600U	4	13%	15	48%	8	26%	4	13%	31	100%	19	61%
SPC1017DE	12	43%	13	46%	3	11%	0	0%	28	100%	25	89%
SPC1608U	9	38%	8	33%	5	21%	2	8%	24	100%	17	71%
STA2023DE	10	53%	5	26%	1	5%	3	16%	19	100%	15	79%
STA2023U	4	20%	13	65%	3	15%	0	0%	20	100%	17	85%
SYG2000U	19	66%	10	34%	0	0%	0	0%	29	100%	29	100%
Totals	1701	42%	1338	33%	663	16%	357	9%	4059	100%	3039	75%

Figure 1. Course Level Competency Achievement in All General Education Courses AY 2021-2022

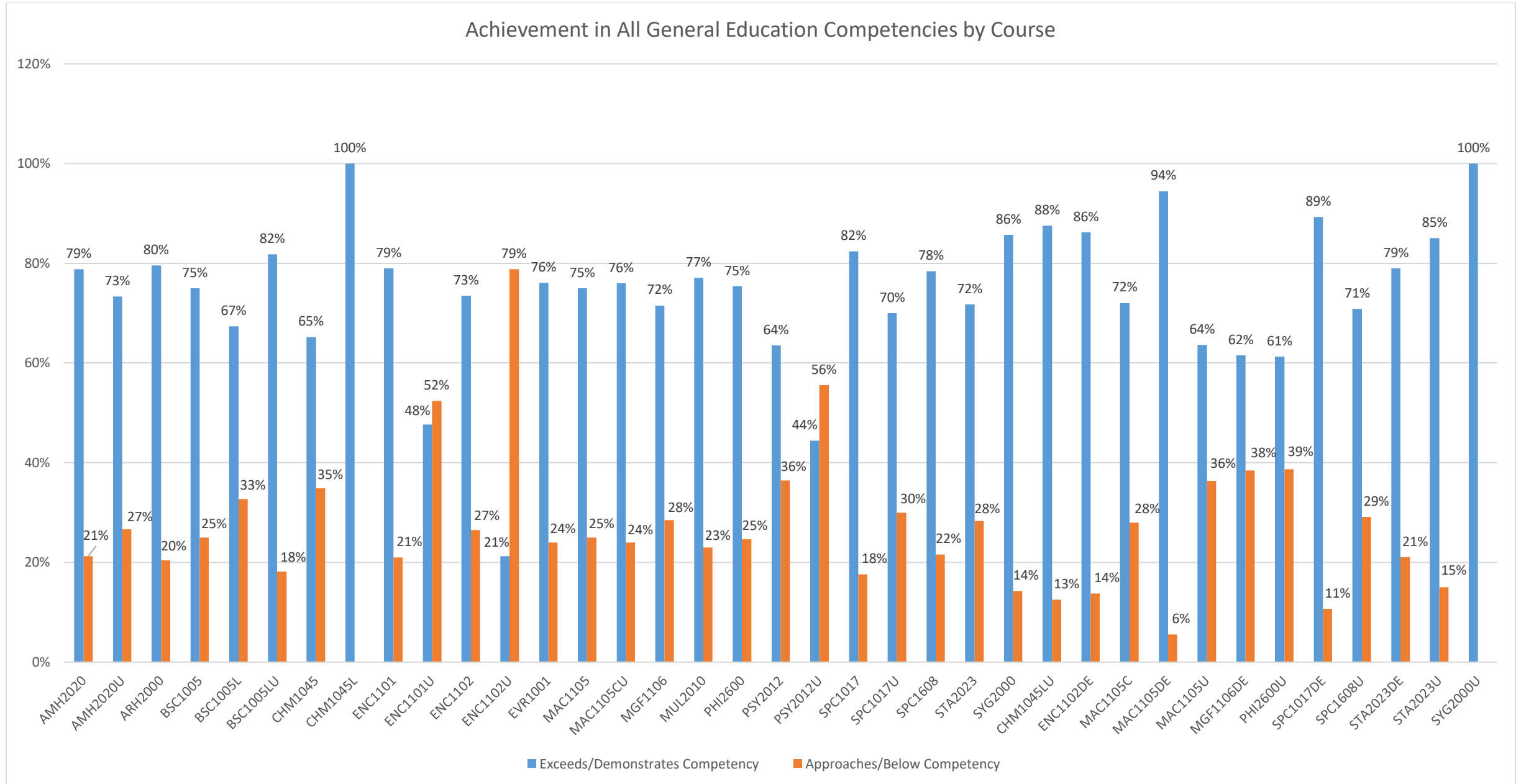




Figure 2. Course Level Competency Achievement General Education (Broward College on Campus) AY 2021-2022

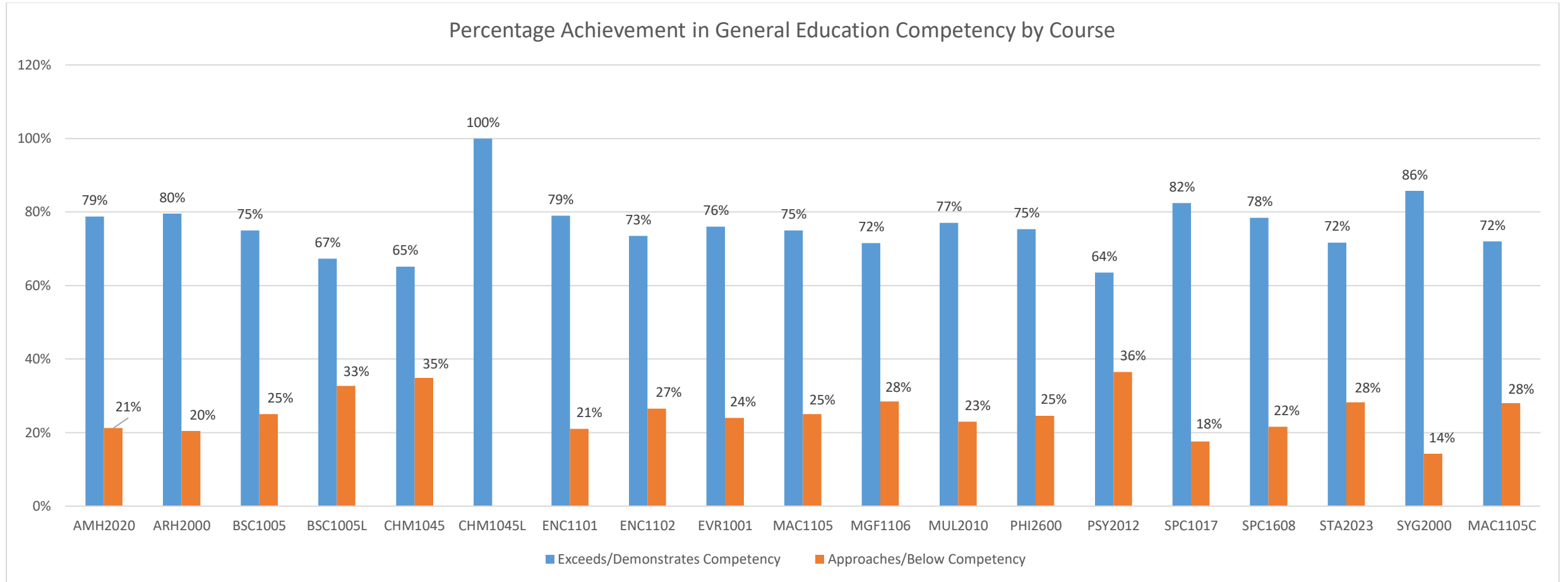
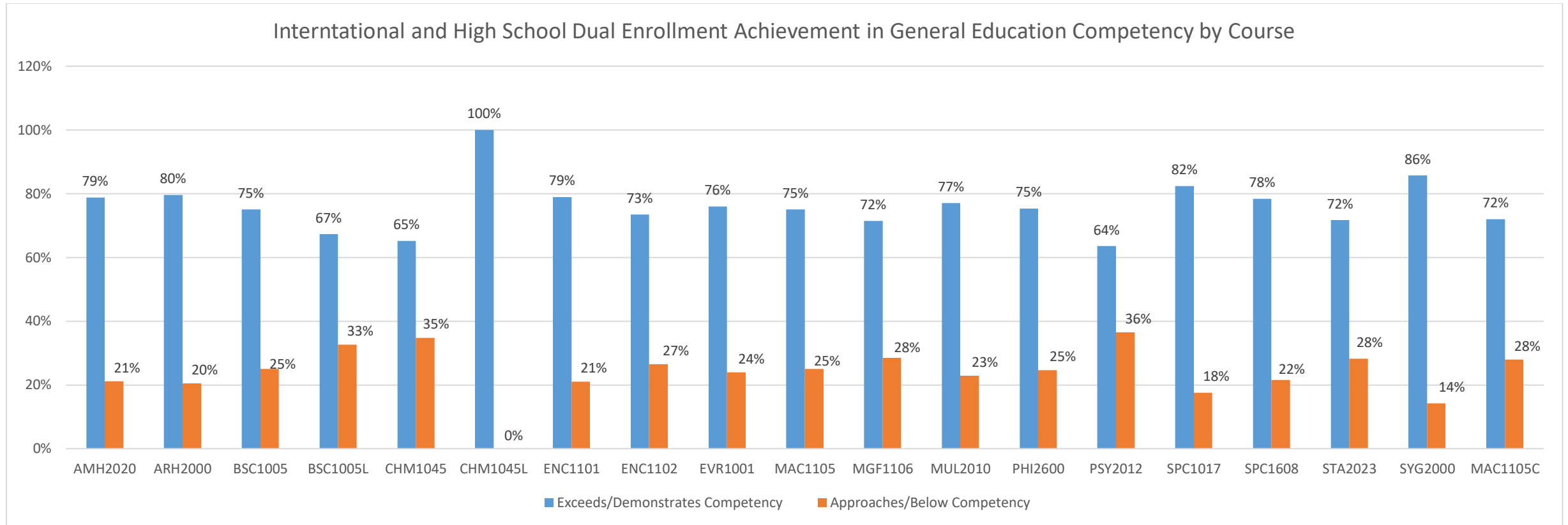


Figure 3. Course Level Competency Achievement General Education (International and Dual-Enrollment) AY 2021-2022



### Competency Level

Six competencies were identified for assessment purposes by the General Education Task Force in Spring 2021 and are as follows:

- |  |  |
|--|--|
| 1. Critical Thinking                                       | 4. Ethical Reasoning                   |
| 2. Effective Communication (Mathematical, Oral, & Written) | 5. Information Literacy                |
| 3. Global Awareness  | 6. Mathematical & Scientific Reasoning |

Table 3. Assessed Competencies and Corresponding Course IDs for Academic Years 2021-2026

	Effective Communication			Mathematical Communication	Ethical Reasoning	Global Awareness	Information Literacy	Mathematical & Scientific Reasoning
	Critical Thinking	Written Communication	Oral Communication					
AMH2020	X				X	X		
ARH2000	X					X	X	
BSC1005	X				X			X
BSC1005L	X				X			X
CHM1045	X				X			X
CHM1045L	X				X			X
ENC1101	X	X					X	
ENC1102	X	X					X	
EVR1001	X				X			X
MAC1105	X			X				X
MGF1106	X			X				X
MUL2010	X					X	X	
PHI2010	X					X	X	
PHI2600	X					X	X	
PSY2012	X				X	X		
SPC1017	X		X				X	
SPC1608	X		X				X	
STA2023	X			X				X
SYG2000	X				X	X		

Competency	Course ID
Critical Thinking	AMH2020; ARH2000; BSC1005(L); CHM1045(L); ENC1101; ENC1102; EVR1001; MAC1105; MGF1106; MUL2010; PHI2010; PHI2600; PSY2012; SPC1017; SPC1608; STA2023; SYG2000
Effective Communication	
Mathematical	MAC1105; MGF1106; STA2023
Oral	SPC1017; SPC1608
Written	ENC1101; ENC1102
Ethical Reasoning	AMH2020; BSC1005(L); CHM1045(L); EVR1001; PSY2012; SYG2000
Global Self-Awareness	AMH2020; ARH2000; MUL2010; PHI2010; PHI2600; PSY2012; SYG2000
Information Literacy	ARH2000; ENC1101; ENC1102; MUL2010; PHI2010; PHI2600; PSY2012; SPC1017 SPC1608
Mathematical & Scientific Reasoning	BSC1005(L); CHM1045(L); EVR1001; MAC1105; MGF1106; STA2023

Note: International and dual enrollment course offerings are assessed for the same competencies as Broward College on-campus course offerings.

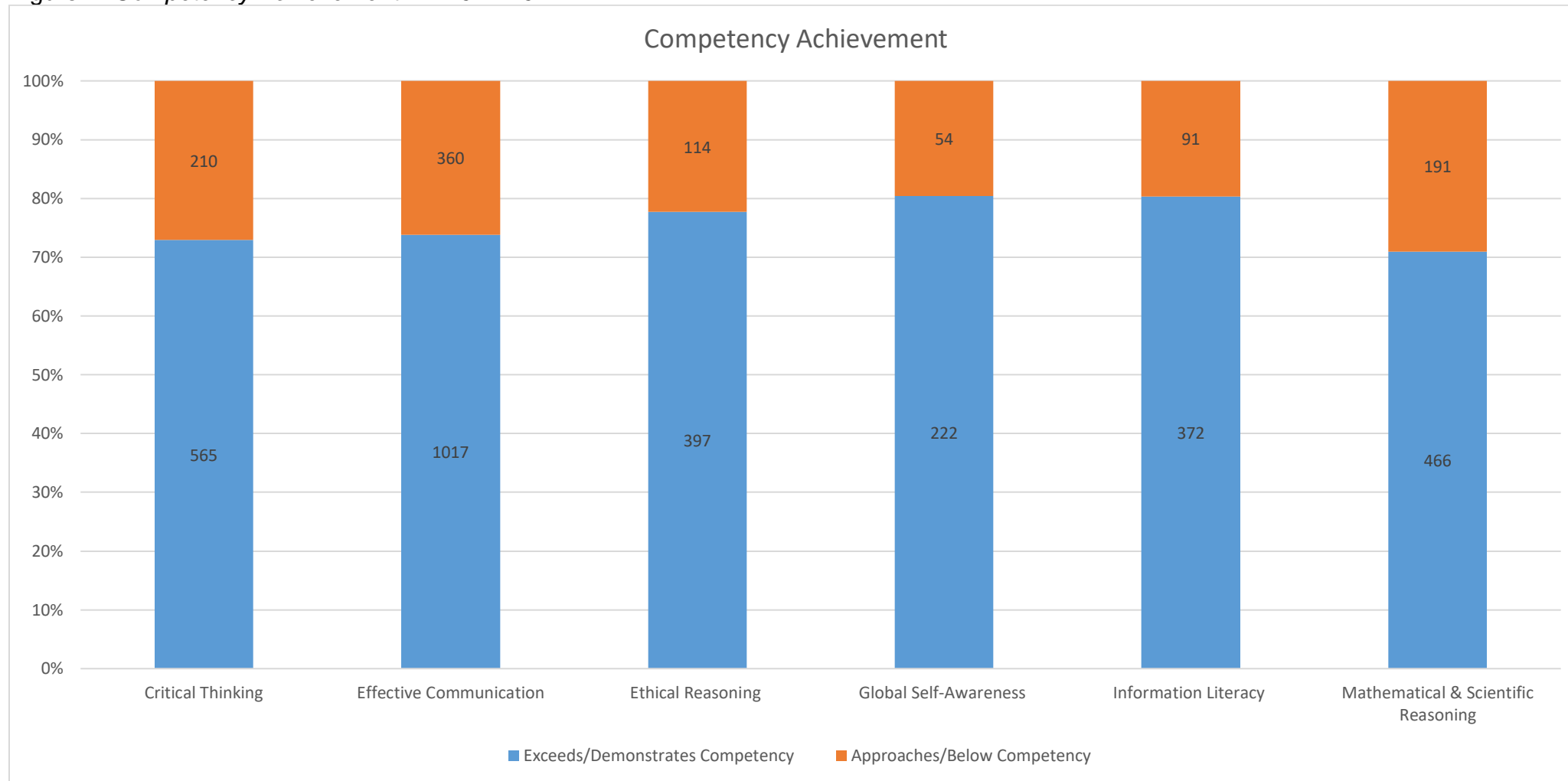
Competencies are considered to have been met when at least 75% of students are deemed competent. The ideal target is set at 90%.

Table 4. *Achievement by Competency AY 2021-2022*

Competency	Competency Met (Exceeds/Demonstrates)		Total <i>N</i>
	<i>n</i>	%	
Critical Thinking	565	73%	775
Effective Communication	1,017	74%	1,374
Ethical Reasoning	397	78%	511
Global Awareness	222	80%	276
Information Literacy	372	80%	463
Mathematical & Scientific Reasoning	466	71%	657
Total	3,039	75%	4,059

The table below, represents the number of students who demonstrated proficiency in the assessed competency for all students assessed college wide during the 2021-2022 Academic Year.

Figure 4. *Competency Achievement AY 2021-2022*



### Longitudinal Comparison Data

Academic Year 2021-2022 is the first full academic year in which competencies identified by the 2021 General Education Task Force were assessed. The tables below provide comparative term-by-term data for each competency assessed. As noted in the tables, some competencies are assessed in specific terms.

Table 5. *Course Level Competency Achievement AY 2021-2022 (20221 and 20222)*

Competency and Term Assessed	Student Count Exceeds	Student Count Demonstrates	Student Count Approaches	Student Count Below	Student Count Total	Student Count Competency Met	% Competent Students
Critical Thinking	346	219	140	70	775	565	73%
20221 - Fall 2021	279	187	116	44	626	466	74%
20222 - Spring 2022	67	32	24	26	149	99	66%
Effective Communication (Oral)	138	141	62	11	352	279	79%
20221 - Fall 2021	45	65	27	1	138	110	80%
20222 - Spring 2022	93	76	35	10	214	169	79%
Effective Communication (Written)	178	171	97	37	483	349	72%
20221 - Fall 2021	69	46	38	4	157	115	73%
20222 - Spring 2022	109	125	59	33	326	234	72%
Ethical Reasoning	233	164	77	37	511	397	78%
20222 - Spring 2022	233	164	77	37	511	397	78%
Global Awareness	121	101	34	20	276	222	80%
20221 - Fall 2021	38	37	16	5	96	75	78%
20222 - Spring 2022	83	64	18	15	180	147	82%
Information Literacy	213	159	58	33	463	372	80%
20221 - Fall 2021	67	44	23	11	145	111	77%
20222 - Spring 2022	146	115	35	22	318	261	82%
Mathematical & Scientific Reasoning	273	193	107	84	657	466	71%
20221 - Fall 2021	136	100	41	39	316	236	75%

20222 - Spring 2022	137	93	66	45	341	230	67%
Effective Communication (Mathematical)	199	190	88	65	542	389	72%
20222 - Spring 2022	199	190	88	65	542	389	72%

Table 6. *Student Achievement Critical Thinking Competency, Fall 2021, Spring 2022.*

Competency		Student Count Exceeds	Student Count Demonstrates	Student Count Approaches	Student Count Below	Student Count Total	Student Count Competency Met	% Competent Students
Critical Thinking	Totals for all terms:	346	219	140	70	755	565	73%
	20221 - Fall 2021	279	187	116	44	626	466	74%
	20222- Spring 2022	67	32	24	26	149	99	66%



Table 7. Student Achievement Effective Communication Competency Fall 2021, and Spring 2022

Competency		Student Count Exceeds	Student Count Demonstrates	Student Count Approaches	Student Count Below	Student Count Total	Student Count Competency Met	% Competent Students
Effective Communication (Mathematical)	Totals for all terms:	199	190	88	65	542	389	72%
	20222- Spring 2022	199	190	88	65	542	389	72%
Effective Communication (Oral)	Totals for all terms:	138	141	62	11	352	279	79%
	20221 - Fall 2021	45	65	27	1	138	110	80%
	20222- Spring 2022	93	76	35	10	214	169	79%
Effective Communication (Written)	Totals for all terms:	178	171	97	37	483	349	72%
	20221 - Fall 2021	69	46	38	4	157	115	73%
	20222 - Spring 2021	109	125	59	33	326	234	72%

Table 8. Student Achievement Ethical Reasoning Competency Fall 2021, and Spring 2022

Competency		Student Count Exceeds	Student Count Demonstrates	Student Count Approaches	Student Count Below	Student Count Total	Student Count Competency Met	% Competent Students
Ethical Reasoning	Totals for all terms:	233	164	77	37	511	397	78%
	20222 - Spring 2022	233	164	77	37	511	397	78%

Table 9. *Student Achievement Global Self-Awareness Competency Fall 2021 and Spring 2022*

Competency		Student Count Exceeds	Student Count Demonstrates	Student Count Approaches	Student Count Below	Student Count Total	Student Count Competency Met	% Competent Students
Global Awareness	Totals for all terms:	121	101	34	20	276	222	80%
	20221 - Fall 2021	38	37	16	5	96	75	78%
	20222 – Spring 2022	83	64	18	15	180	147	82%

Table 10. *Student Achievement Information Literacy Competency Fall 2021 and Spring 2022*

Competency		Student Count Exceeds	Student Count Demonstrates	Student Count Approaches	Student Count Below	Student Count Total	Student Count Competency Met	% Competent Students
Information Literacy	Totals for all terms:	213	159	58	33	463	372	80%
	20221 - Fall 2021	67	44	23	11	145	111	77%
	20222 - Spring 2022	146	115	35	22	318	264	82%

Table 11. *Student Achievement Mathematical and Scientific Reasoning Competency Fall 2021 and Spring 2022*

Competency Mathematical & Scientific Reasoning		Student Count Exceeds	Student Count Demonstrates	Student Count Approaches	Student Count Below	Student Count Total	Student Count Competency Met	% Competent Students
Mathematical Reasoning & Scientific Reasoning	Totals for all terms:	273	193	107	84	657	466	71%
	20221 – Fall 2021	136	100	41	39	316	236	75%
	20222 - Spring 2022	137	93	66	45	341	230	67%

The following table identifies each of the general education courses that have been assessed over the past academic year. The table identifies the Course ID, the competency or competencies assessed during the aligned terms, the student count for the course and competency assessed, the number of students identified as competent for the course and competency being assessed, and the percentage of students found to be competent in the identified course and competency.

Table 12. *Course Level Competency Achievement AY 2021-2022 (20221 and 20222)*

Course ID, Competency, and Term Assessed	Student Count N (Sample Size)	Student Count Competent	% Competent Students
AMH2020	297	234	79%
Critical Thinking 20221 - Fall 2021	146	116	79%
Global Awareness 20222 - Spring 2022	151	118	78%
AMH2020U	60	44	73%
Critical Thinking 20221 - Fall 2021	60	44	73%
ARH2000	186	148	80%
Ethical Reasoning			

20222 - Spring 2022	143	120	84%
Global Awareness			
20221 - Fall 2021	43	28	65%
BSC1005	192	144	75%
Critical Thinking			
20221 - Fall 2021	108	84	78%
Mathematical & Scientific Reasoning			
20222 - Spring 2022	84	60	71%
BSC1005L	52	35	67%
Mathematical & Scientific Reasoning			
20222 - Spring 2022	52	35	67%
BSC1005LU	11	9	82%
Critical Thinking			
20221 - Fall 2021	11	9	82%
CHM1045	290	189	65%
Critical Thinking			
20221 - Fall 2021	98	62	63%
Mathematical & Scientific Reasoning			
20222 - Spring 2022	192	127	66%
CHM1045L	34	34	100%
Critical Thinking			
20222 - Spring 2022	34	34	100%
ENC1101	195	154	79%
Effective Communication (Written)			
20221 - Fall 2021	74	64	86%
20222 - Spring 2022	121	90	74%
ENC1101U	21	10	48%
Effective Communication (Written)			
20221 - Fall 2021	21	10	48%

ENC1102	313	230	73%
Effective Communication (Written) 20222 - Spring 2022	176	119	68%
Information Literacy 20221 - Fall 2021	137	111	81%
ENC1102U	33	7	21%
Critical Thinking 20222 - Spring 2022	25	7	28%
Information Literacy 20221 - Fall 2021	8	0	0%
EVR1001	213	162	76%
Critical Thinking 20221 - Fall 2021	82	60	73%
Ethical Reasoning 20222 - Spring 2022	131	102	78%
MAC1105	136	102	75%
Mathematical & Scientific Reasoning 20221 - Fall 2021	136	102	75%
MAC1105CU	17	16	94%
Mathematical & Scientific Reasoning 20221 - Fall 2021	17	16	94%
MGF1106	45	34	76%
Mathematical & Scientific Reasoning 20221 - Fall 2021	45	34	76%
MUL2010	122	94	77%
Ethical Reasoning 20222 - Spring 2022	69	47	68%
Global Awareness 20221 - Fall 2021	53	47	89%

PHI2600	199	150	75%
Effective Communication (Written)			
20221 - Fall 2021	62	41	66%
Ethical Reasoning			
20222 - Spring 2022	137	109	80%
PSY2012	181	115	64%
Critical Thinking			
20222 - Spring 2022	38	13	34%
Information Literacy			
20222 - Spring 2022	143	102	71%
PSY2012U	9	4	44%
Critical Thinking			
20221 - Fall 2021	9	4	44%
SPC1017	108	89	82%
Effective Communication (Oral)			
20221 - Fall 2021	108	89	82%
SPC1017U	30	21	70%
Effective Communication (Oral)			
20221 - Fall 2021	30	21	70%
SPC1608	162	127	78%
Effective Communication (Oral)			
20222 - Spring 2022	162	127	78%
STA2023	118	84	71%
Mathematical & Scientific Reasoning			
20221 - Fall 2021	118	84	71%
SYG2000	287	246	86%
Critical Thinking			
20221 - Fall 2021	112	87	78%
Information Literacy			
20222 - Spring 2022	175	159	91%
CHM1045LU	32	28	88%

Critical Thinking 20222 - Spring 2022	32	28	88%
ENC1102DE	29	25	86%
Effective Communication (Written) 20222 - Spring 2022	29	25	86%
MGF1106DE	13	8	62%
Mathematical & Scientific Reasoning 20222 - Spring 2022	13	8	62%
PHI2600U	31	19	61%
Ethical Reasoning 20222 - Spring 2022	31	19	61%
SPC1017DE	28	25	89%
Effective Communication (Oral) 20222 - Spring 2022	28	25	89%
SPC1608U	24	17	71%
Effective Communication (Oral) 20222 - Spring 2022	24	17	71%
STA2023U	20	17	85%
Critical Thinking 20222 - Spring 2022	20	17	85%
SYG2000U	29	29	100%
Global Awareness 20222 - Spring 2022	29	29	100%

Table 13. *AMH2020 Course Level Competency Achievement Fall 2021, and Spring 2022*

Course ID	Competency	Term	Student Count N (Sample Size)	Student Count Competent	% Competent Students
	Total Course ID Assessed:		297	234	79%
AMH2020	Critical Thinking	Total Competency Assessed:	146	116	79%
		20221 – Fall 2021	146	116	79%
	Global Awareness	Total Competency Assessed:	151	118	78%
		20222 - Spring 2022	151	118	78%

Table 14. *ARH2000 Course Level Competency Achievement, Fall 2021, and Spring 2022*

Course ID	Competency	Term	N (Sample Size)	Student Count Competent	% Competent Students
	Total Course ID Assessed:		148	186	80%
ARH2000	Global Awareness	Total Competency Assessed:	28	43	65%
		20221 - Fall 2021	28	43	65%
	Ethical Reasoning	Total Competency Assessed:	120	143	84%
		20172 - Spring 2017	120	143	84%

Table 15. *BSC1005 Course Level Competency Achievement, Fall 2021, and Spring 2022*

Course ID	Competency	Term	N (Sample Size)	Student Count Competent	% Competent Students
	Total Course ID Assessed:		144	192	75%
BSC1005	Critical Thinking	Total Competency Assessed:	84	108	78%
		20221 – Fall 2021	84	108	78%
	Mathematical & Scientific Reasoning	Total Competency Assessed:	60	84	71%
		20222 - Spring 2022	60	84	71%



Table 16. *BSC1005L Course Level Competency Spring 2022*

Course ID	Competency	Term	N (Sample Size)	Student Count Competent	% Competent Students
BSC1005L	Total Course ID Assessed:		35	52	67%
	Mathematical & Scientific Reasoning	Total Competency Assessed:	35	52	67%
		20222– Spring 2022	35	52	67%

Table 17. *CHM1045 Course Level Competency Achievement Fall 2021 and Spring 2021*

Course ID	Competency	Term	N (Sample Size)	Student Count Competent	% Competent Students
CHM1045	Total Course ID Assessed:		189	290	65%
	Critical Thinking	Total Competency Assessed:	62	98	63%
		20221 - Fall 2021	62	98	63%
	Mathematical & Scientific Reasoning	Total Competency Assessed:	127	192	66%
		20222 – Spring 2022	127	192	66%

Table 18. *CHM1045L Course Level Competency Achievement Spring 2022*

Course ID	Competency	Term	N (Sample Size)	Student Count Competent	% Competent Students
CHM1045L	Total Course ID Assessed:		34	34	100%
	Critical Thinking	Total Competency Assessed:	34	34	100%
		20221- Spring 2022	34	34	100%

Table 19. *ENC1101 Course Level Competency Fall 2021, and Spring 2022*

Course ID	Competency	Term	N (Sample Size)	Student Count Competent	% Competent Students	
	Total Course ID Assessed:		154	195	74%	
ENC1101	Effective Communication (Written)	Total Competency Assessed:		154	195	74%
		20221- Fall 2021	64	74	86%	
		20212 - Spring 2021	90	121	74%	

Table 20. *ENC1102 Course Level Competency Achievement Fall 2021 and Spring 2022*

Course ID	Competency	Term	N (Sample Size)	Student Count Competent	% Competent Students	
	Total Course ID Assessed:		230	313	73%	
ENC1102	Effective Communication (Written)	Total Competency Assessed:		119	176	68%
		20222- Spring 2022	119	176	68%	
	Information Literacy	Total Competency Assessed:		111	137	81%
		20221- Fall 2021	111	137	81%	

Table 21. *EVR1001 Course Level Competency Achievement Fall 2021, and Spring 2022*

Course ID	Competency	Term	N (Sample Size)	Student Count Competent	% Competent Students
	Total Course ID Assessed:		162	213	76%
EVR1001	Critical Thinking	Total Competency Assessed:	60	82	73%
		20221- Fall 2021	60	82	73%
	Ethical Reasoning	Total Competency Assessed:	102	131	78%
		20222 – Spring 2022	102	131	78%

Table 22. *MAC1105 Course Level Competency Achievement Fall 2021*

Course ID	Competency	Term	N (Sample Size)	Student Count Competent	% Competent Students
	Total Course ID Assessed:		102	136	75%
MAC1105	Mathematical Reasoning	Total Competency Assessed:	102	136	75%
		20221 – Fall 2021	102	136	75%

Table 23. MGF1106 Course Level Competency Achievement Fall 2021, and Spring 2022

Course ID	Competency	Term	N (Sample Size)	Student Count Competent	% Competent Students
	Total Course ID Assessed:		113	158	72%
MGF1106	Effective Communication (Mathematical)	Total Competency Assessed:	79	113	70%
		20222- Spring 2022	79	113	70%
	Mathematical Reasoning	Total Competency Assessed:	34	45	76%
		20221 - Fall 2021	34	45	76%

Table 24. MUL2010 Course Level Competency Fall 2021, and Spring 2022

Course ID	Competency	Term	N (Sample Size)	Student Count Competent	% Competent Students
	Total Course ID Assessed:		94	122	77%
MUL2010	Global Awareness	Total Competency Assessed:	47	53	89%
		20221 - Fall 2021	47	53	89%
	Ethical Reasoning	Total Competency Assessed:	47	69	68%
		20222- Spring 2022	47	69	68%

Table 25. *PHI2600 Course Level Competency Achievement, Fall 2021, and Spring 2022*

Course ID	Competency	Term	N (Sample Size)	Student Count Competent	% Competent Students
	Total Course ID Assessed:		156	199	80%
PHI2600	Effective Communication (Written)	Total Competency Assessed:	41	62	66%
		20221- Fall 2021	41	62	66%
	Ethical Reasoning	Total Competency Assessed:	109	137	80%
		20222- Spring 2022	109	137	80%

Table 26. *PSY2012 Course Level Competency Achievement Spring 2022*

Course ID	Competency	Term	N (Sample Size)	Student Count Competent	% Competent Students
	Total Course ID Assessed:		115	181	64%
PSY2012	Critical Thinking	Total Competency Assessed:	13	38	34%
		20222 - Spring 2022	13	38	34%
	Information Literacy	Total Competency Assessed:	102	143	71%
		20222 - Spring 2022	102	143	71%

Table 27. *SPC1024 Course Level Competency Achievement Spring 2022*

Course ID	Competency	Term	N (Sample Size)	Student Count Competent	% Competent Students
	Total Course ID Assessed:		25	28	89%
SPC1017(DE)	Effective Communication (Oral)	Total Competency Assessed:	25	28	89%
		20222 - Spring 2022	25	28	89%

Table 28. *SPC1608 Course Level Competency Achievement Spring 2022,*

Course ID	Competency	Term	N (Sample Size)	Student Count Competent	% Competent Students
	Total Course ID Assessed:		127	162	78%
SPC1608	Effective Communication (Oral)	Total Competency Assessed:	127	162	78%
		20222- Spring 2022	127	162	78%

Table 29. STA2023 Course Level Competency Achievement Fall 2021 and Spring 2022

Course ID	Competency	Term	N (Sample Size)	Student Count Competent	% Competent Students
STA2023	Total Course ID Assessed:		108	251	?%
	Effective Communication (Mathematical)	Total Competency Assessed:	96	133	72%
		20222– Spring 2022	96	133	72%
	Mathematical Reasoning	Total Competency Assessed:	84	118	71%
		20221- Fall 2021	84	118	71%

Table 30. SYG2000 Course Level Competency Achievement Fall 2021, and Spring 2022

Course ID	Competency	Term	N (Sample Size)	Student Count Competent	% Competent Students
SYG2000	Total Course ID Assessed:		246	287	86%
	Critical Thinking	Total Competency Assessed:	87	112	78%
		20221– Fall 2021	87	112	78%
	Information Literacy	Total Competency Assessed:	159	175	91%
		20222 – Spring 2022	159	175	91%

## **Conclusions and Recommendations**

During the 2021-2022 Academic Year, The College Assessment Team for Student Success (CATS) re-examined the breadth of courses and locations included in the college's formal assessment process. A comprehensive review of all eligible general education courses was conducted throughout the academic year, and it was determined that the CATS would formally include additional general education courses within the assessment process during the 2022-2023 academic year. The courses added to the assessment process are as follows: Human Anatomy and Physiology I and Lab (BSC 2085 and BSC 2085L), Principles of Macroeconomics (ECO 2013), Foundations of the Humanities (HUM 1020), and National Government (POS 2041).

Additionally, the CATS formally included the international off-campus instructional site findings in the data analysis process during the spring of 2022. International course assessment has been conducted informally through the International Education office for the past five years. The CATS agreed that these data should be included and considered for overall institutional assessment and effectiveness. Additionally, the CATS agreed dual-enrollment sites should be a part of the data collection and analysis process. They have also added the systematic collection of these assessment results to the formal institutional process. The CATS established this systematic approach to collect and analyze off-campus instructional site data separate from local on-site data as well as alongside the local data sets allowing for a more in-depth understanding of student competency across the institution. These data were officially included as part of the assessment process during the Spring 2022 term.

Beginning in the 2022-2023 academic year, the CATS will also expand assessment outside of general education course and into the broader Associate of Arts (AA) Degree Program. Courses identified to be assessed in the first-round of broader AA assessment include Principles of Accounting (ACG 2001), Introduction to Criminal Justice (CCJ 1020), and Computer and Internet Literacy (CGS 1060C). Two additional competencies were identified by the CATS to use in AA Assessment that were endorsed by the Curriculum Committee and Faculty Senate. The two additional competencies are digital literacy and problem solving and corresponding rubrics have been created.

Finally, the CATS will seek to collaborate more deliberately with Associate Deans to share and analyze assessment findings on a routine basis. The Team will facilitate discussions about approaches to enhance student learning with faculty colleagues on a term-by-term basis and provide learning opportunities through partnerships with the Center for Teaching Excellence and Learning (CTEL).