



General Education Assessment Report

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

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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 outside of general education. Team members also lead dialogue and facilitate faculty training sessions across the college regarding the importance of continuous improvement and the closing of the loop to enhance student learning. CATS members serve in a consultative role by supporting colleagues in their academic disciplines, sharing assessment best practices and findings college-wide, and acting as liaisons for general education and Associate of Arts degree assessment.

This General Education Outcomes and Assessment Report represents the aggregate data for the Academic Year (AY) of 2020-2021. 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 2020-2021, 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 Self-Awareness
- Ethical Reasoning
- Information Literacy
- Mathematical & Scientific Reasoning

To conduct authentic assessment in general education classes, faculty in all areas were provided with a standard rubric aligned to the designated competency and were asked to score student artifacts using the rubric. The CATS employ an authentic assessment approach to the collection of assessment data, 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.”

Summary Snapshot

- Overall, 72% of our students exceeded or demonstrated competency.
- Of the 156 sections selected, 127 sections participated in the assessment process (81% response rate).
- Results were tabulated using data from the 2,826 students who participated in the assessment process.

**Outcomes and Assessment Results
Fall 2020 and Spring 2021 (20211 and 20212)**

Course Level

During the AY 2020-2021, 149 sections of 16 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*

| Course ID | Course Title | Competency Assessed |
|------------------|--|-------------------------------------|
| AMH2020 | History of the United States Since 1877 | Critical Thinking |
| ARH2000 | Art Appreciation | Global Awareness |
| BSC1005 | Biological Principles for Non-Majors Lab | Critical Thinking |
| CHM1045 | General Chemistry I | Critical Thinking |
| ENC1101 | Composition I | Written Communication |
| ENC1102 | Composition II | Information Literacy |
| EVR1001 | Environmental Science | Critical Thinking |
| MAC1105 | College Algebra | Mathematical & Scientific Reasoning |
| MGF1106 | Foundations of Mathematical Reasoning | Mathematical & Scientific Reasoning |
| MUL2010 | Music Appreciation | Global Awareness |
| PHI2600 | Ethics | Written Communication |
| PSY2012 | General Psychology | Critical Thinking |
| SPC1024 | Introduction to Speech Communication | Oral Communication |
| SPC1608 | Public Speaking | Oral Communication |
| STA2023 | Statistics | Mathematical & Scientific Reasoning |
| SYG2000 | Principles of Sociology | Critical Thinking |

Of the 156 sections selected, 127 participated in the assessment process (81% response rate). Faculty were provided with a rubric aligned to the designated competency and were asked to score student artifacts using the rubric. The scale on the rubric was comprised of four categories: exceeds competency, demonstrates competency, approaches competency, and below competency. Competency was considered to be met with a score of “Exceeds” or “Demonstrates” and not met with a score of “Approaches” or “Below”. Results were tabulated using data from 2,826 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 2020-2021 (20211 and 20212)

| 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 | 48 | 23% | 57 | 27% | 58 | 27% | 48 | 23% | 211 | 100% | 105 | 50% |
| ARH2000 | 45 | 36% | 37 | 30% | 23 | 18% | 20 | 16% | 125 | 100% | 82 | 66% |
| BSC1005 | 50 | 23% | 95 | 44% | 55 | 25% | 17 | 8% | 217 | 100% | 145 | 67% |
| CHM1045 | 127 | 52% | 63 | 26% | 35 | 14% | 20 | 8% | 245 | 100% | 190 | 78% |
| ENC1101 | 55 | 31% | 81 | 45% | 35 | 19% | 9 | 5% | 180 | 100% | 136 | 76% |
| ENC1102 | 89 | 36% | 93 | 37% | 41 | 16% | 26 | 10% | 249 | 100% | 182 | 73% |
| EVR1001 | 51 | 40% | 43 | 34% | 22 | 17% | 11 | 9% | 127 | 100% | 94 | 74% |
| MAC1105 | 57 | 42% | 40 | 30% | 12 | 9% | 26 | 19% | 135 | 100% | 97 | 72% |
| MGF1106 | 96 | 33% | 92 | 32% | 45 | 16% | 56 | 19% | 289 | 100% | 188 | 65% |
| MUL2010 | 71 | 54% | 38 | 29% | 12 | 9% | 10 | 8% | 131 | 100% | 109 | 83% |
| PHI2600 | 117 | 40% | 111 | 38% | 49 | 17% | 13 | 4% | 290 | 100% | 228 | 79% |
| PSY2012 | 37 | 41% | 29 | 32% | 15 | 17% | 9 | 10% | 90 | 100% | 66 | 73% |
| SPC1024 | 24 | 38% | 33 | 52% | 4 | 6% | 3 | 5% | 64 | 100% | 57 | 89% |
| SPC1608 | 27 | 42% | 20 | 31% | 18 | 28% | 0 | 0% | 65 | 100% | 47 | 72% |
| STA2023 | 101 | 43% | 61 | 26% | 35 | 15% | 37 | 16% | 234 | 100% | 162 | 69% |
| SYG2000 | 63 | 36% | 75 | 43% | 29 | 17% | 7 | 4% | 174 | 100% | 138 | 79% |
| Totals | 1058 | 37% | 968 | 34% | 488 | 17% | 312 | 11% | 2826 | 100% | 2026 | 72% |

Competency Level

Six competencies were identified for assessment purposes by the General Education Task Force in 2015 and are as follows:

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

Table 3. *Assessed Competencies and Corresponding Course IDs for 2016-2020*

| | Effective Communication | | | | Ethical Reasoning | Global Self-Awareness | Information Literacy | Mathematical & Scientific Reasoning |
|----------|-------------------------|-----------------------|--------------------|----------------------------|-------------------|-----------------------|----------------------|-------------------------------------|
| | Critical Thinking | Written Communication | Oral Communication | Mathematical 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 |

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 2020-2021*

| Competency | Competency Met (Exceeds/Demonstrates) | | Total <i>N</i> |
|-------------------------------------|---------------------------------------|-----|-------------------|
| | <i>n</i> | % | |
| Critical Thinking | 447 | 75% | 598 |
| Effective Communication | 570 | 76% | 750 |
| Ethical Reasoning | 245 | 61% | 403 |
| Global Self-Awareness | 206 | 81% | 253 |
| Information Literacy | 159 | 69% | 229 |
| Mathematical & Scientific Reasoning | 399 | 67% | 593 |
| Total | 2026 | 72% | 2826 |

This table represents the number of students who demonstrated proficiency in the assessed competency for all students assessed college wide during the 2020-2021 Academic Year.

Figure 1. Course Level Competency Achievement AY 2020-2021

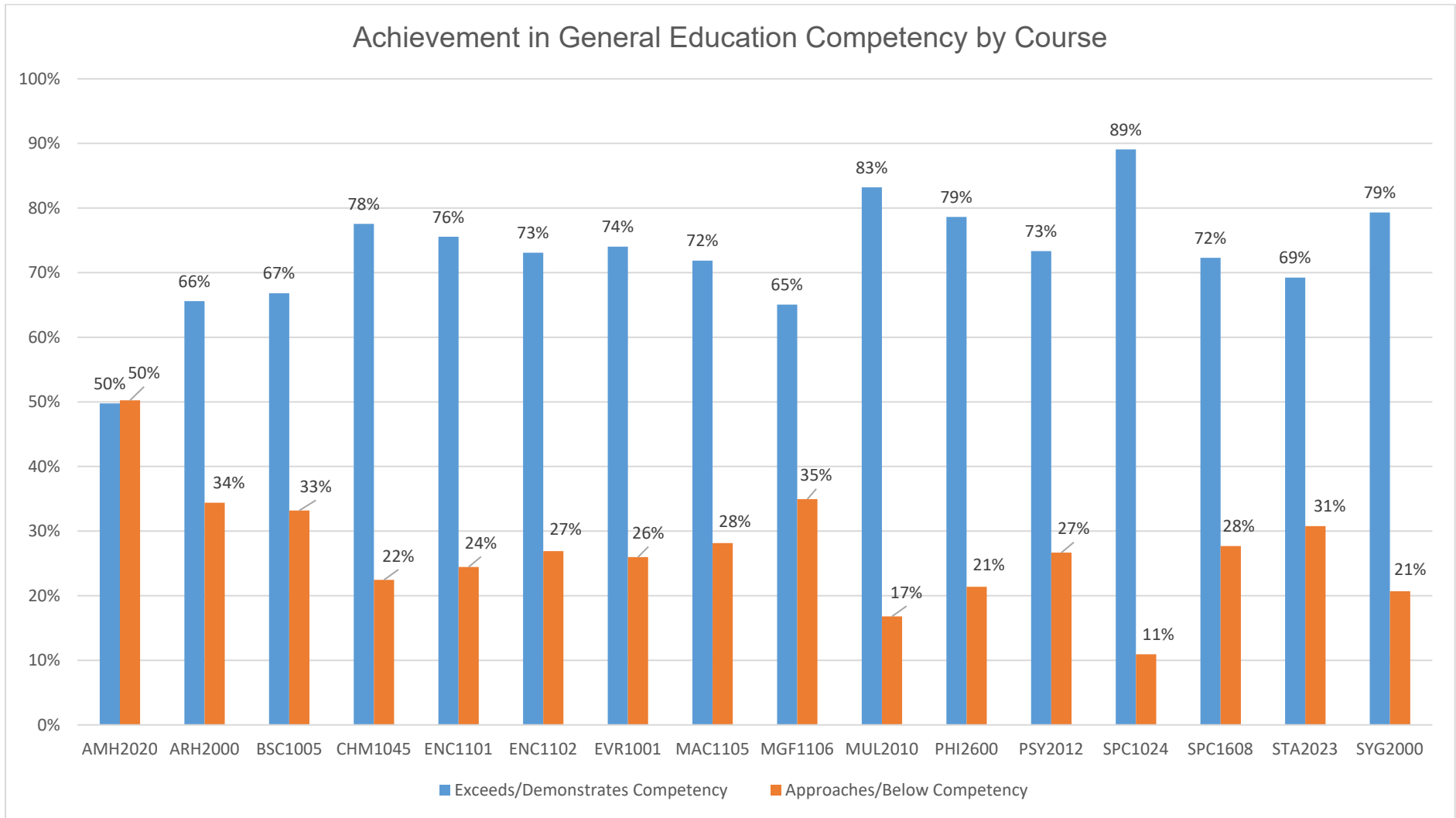
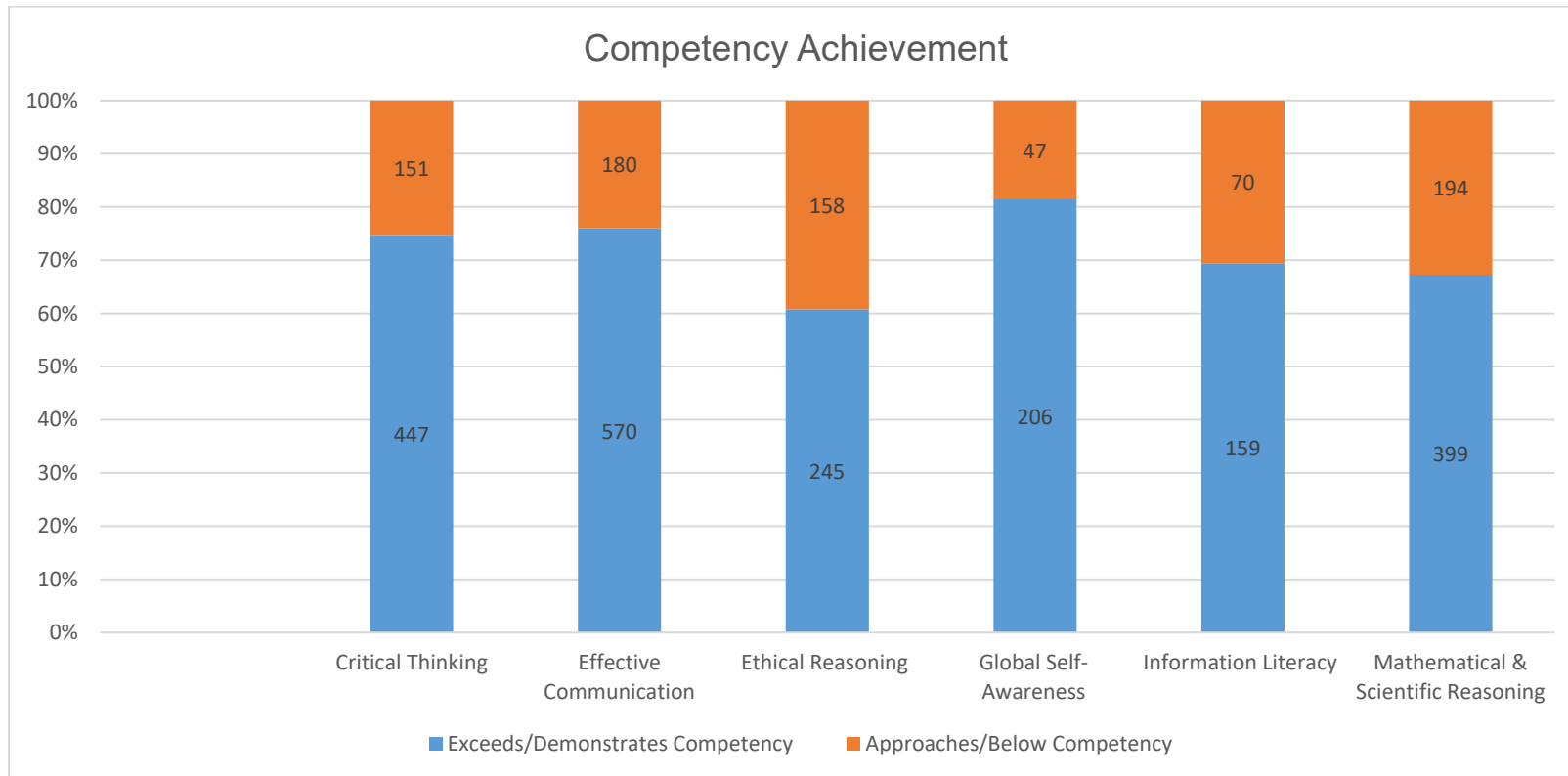


Figure 2. Competency Achievement AY 2020-2021



Longitudinal Comparison Data

Academic Year 2020-2021 is the fifth full academic year in which competencies identified by the 2015 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; Effective Communication (Mathematical), Global Self-Awareness and Scientific Reasoning have been assessed only in fall terms.

Table 5. *Student Achievement Critical Thinking Competency Spring 2017, Spring 2018, Spring 2019, Fall 2019, Spring 2020, Fall 2020, and Spring 2021.*

| Competency | Student Count Exceeds | Student Count Demonstrates | Student Count Approaches | Student Count Below | Student Count Total | Student Count Competency Met | % Competent Students |
|-----------------------|-----------------------------|----------------------------------|--------------------------------|---------------------------|---------------------------|---------------------------------------|----------------------------|
| Totals for all terms: | 1423 | 1035 | 620 | 358 | 3436 | 2458 | 72% |
| Critical Thinking | | | | | | | |
| 20172 - Spring 2017 | 270 | 175 | 169 | 110 | 724 | 445 | 61% |
| 20182 - Spring 2018 | 371 | 264 | 157 | 101 | 893 | 635 | 71% |
| 20192 - Spring 2019 | 346 | 243 | 119 | 80 | 788 | 589 | 75% |
| 20201 - Fall 2019 | 26 | 3 | 0 | 0 | 29 | 29 | 100% |
| 20202 - Spring 2020 | 173 | 140 | 68 | 23 | 404 | 313 | 77% |
| 20211 - Fall 2020 | 64 | 37 | 27 | 7 | 135 | 101 | 75% |
| 20212 - Spring 2021 | 173 | 173 | 80 | 37 | 463 | 346 | 75% |

Table 6. *Student Achievement Effective Communication Competency Fall 2016, Spring 2017, Fall 2017, Spring 2018, Fall 2018, Spring 2019, Fall 2019, Spring 2020, Fall 2020, and Spring 2021.*

| Competency | | Student | Student | Student | Student | Student | Student | % |
|----------------|-----------------------|---------|--------------|------------|---------|---------|------------|-----------|
| Effective | | Count | Count | Count | Count | Count | Count | Competent |
| Communication | | Exceeds | Demonstrates | Approaches | Below | Total | Competency | Students |
| | | | | | | | Met | |
| | Totals for all terms: | 437 | 362 | 219 | 218 | 1236 | 799 | 65% |
| Effective | 20181 - Fall 2017 | 70 | 74 | 52 | 68 | 264 | 144 | 55% |
| Communication | 20191 - Fall 2018 | 112 | 93 | 63 | 76 | 344 | 205 | 60% |
| (Mathematical) | 20201 - Fall 2019 | 176 | 100 | 62 | 40 | 378 | 276 | 73% |
| | 20211 - Fall 2020 | 79 | 95 | 42 | 34 | 250 | 174 | 70% |
| | Totals for all terms: | 345 | 364 | 170 | 55 | 934 | 709 | 76% |
| | 20171 - Fall 2016 | 11 | 14 | 11 | 8 | 44 | 25 | 57% |
| | 20172 - Spring 2017 | 22 | 50 | 21 | 7 | 100 | 72 | 72% |
| Effective | 20181 - Fall 2017 | 17 | 23 | 13 | 12 | 65 | 40 | 62% |
| Communication | 20182 - Spring 2018 | 66 | 74 | 28 | 3 | 171 | 140 | 82% |
| (Oral) | 20191 - Fall 2018 | 73 | 31 | 26 | 14 | 144 | 104 | 72% |
| | 20192 - Spring 2019 | 69 | 72 | 34 | 3 | 178 | 141 | 79% |
| | 20201 - Fall 2019 | 36 | 47 | 15 | 5 | 103 | 83 | 81% |
| | 20211 - Fall 2020 | 27 | 20 | 18 | 0 | 65 | 47 | 72% |
| | 20212 - Spring 2021 | 24 | 33 | 4 | 3 | 64 | 57 | 89% |
| | Totals for all terms: | 601 | 851 | 391 | 139 | 1982 | 1452 | 73% |
| | 20171 - Fall 2016 | 24 | 41 | 30 | 13 | 108 | 65 | 60% |
| | 20172 - Spring 2017 | 35 | 70 | 38 | 14 | 157 | 105 | 67% |
| Effective | 20181 - Fall 2017 | 85 | 134 | 69 | 19 | 307 | 219 | 71% |
| Communication | 20182 - Spring 2018 | 73 | 89 | 36 | 19 | 217 | 162 | 75% |
| (Written) | 20191 - Fall 2018 | 66 | 99 | 51 | 21 | 237 | 165 | 70% |
| | 20192 - Spring 2019 | 109 | 136 | 42 | 10 | 297 | 245 | 82% |
| | 20201 - Fall 2019 | 37 | 53 | 19 | 5 | 114 | 90 | 79% |
| | 20202 - Spring 2020 | 38 | 71 | 49 | 16 | 174 | 109 | 63% |
| | 20211 - Fall 2020 | 54 | 89 | 28 | 19 | 190 | 143 | 75% |
| | 20212 - Spring 2021 | 80 | 69 | 29 | 3 | 181 | 149 | 82% |

Table 7. *Student Achievement Ethical Reasoning Competency Fall 2016, Fall 2017, Fall 2018, Fall 2019, Fall 2020, and Spring 2021.*

| 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: | 620 | 558 | 407 | 197 | 1782 | 1178 | 66% |
| | 20171 - Fall 2016 | 149 | 103 | 92 | 54 | 398 | 252 | 63% |
| | 20181 - Fall 2017 | 114 | 100 | 92 | 36 | 342 | 214 | 63% |
| | 20191 - Fall 2018 | 197 | 195 | 125 | 57 | 574 | 392 | 68% |
| | 20201 - Fall 2019 | 109 | 107 | 58 | 31 | 305 | 216 | 71% |
| | 20211 - Fall 2020 | 96 | 109 | 59 | 19 | 283 | 205 | 72% |
| | 20212 - Spring 2021 | 16 | 24 | 40 | 40 | 120 | 40 | 33% |

Note: The spring 2021 assessment of the Ethical Reasoning competency was limited to one class, therefore; it must be excluded when looking at competency trend data and conducting statistical comparative analyses by term. The data has been included in the table to document the data collection.

Table 8. *Student Achievement Global Self-Awareness Competency Fall 2016, Fall 2017, Fall 2018, Fall 2019, and Fall 2020.*

| Competency | | Student Count Exceeds | Student Count Demonstrates | Student Count Approaches | Student Count Below | Student Count Total | Student Count Competency Met | % Competent Students |
|---------------------------|-----------------------|-----------------------------|----------------------------------|--------------------------------|---------------------------|---------------------------|---------------------------------------|----------------------------|
| Global Self- Awareness | Totals for all terms: | 452 | 359 | 209 | 115 | 1135 | 811 | 71% |
| | 20171 - Fall 2016 | 76 | 76 | 59 | 37 | 248 | 152 | 61% |
| | 20181 - Fall 2017 | 142 | 77 | 53 | 27 | 299 | 219 | 73% |
| | 20191 - Fall 2018 | 78 | 70 | 41 | 17 | 206 | 148 | 72% |
| | 20201 - Fall 2019 | 37 | 49 | 26 | 17 | 129 | 86 | 67% |
| | 20211 - Fall 2020 | 119 | 87 | 30 | 17 | 253 | 206 | 81% |

Table 9. *Student Achievement Information Literacy Competency Spring 2017, Spring 2018, Spring 2019, Fall 2019, Spring 2020, and Spring 2021.*

| 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: | 549 | 429 | 255 | 163 | 1396 | 978 | 70% |
| | 20172 - Spring 2017 | 137 | 30 | 40 | 36 | 243 | 167 | 69% |
| | 20182 - Spring 2018 | 107 | 69 | 24 | 32 | 232 | 176 | 76% |
| | 20192 - Spring 2019 | 123 | 142 | 64 | 30 | 359 | 265 | 74% |
| | 20201 - Fall 2019 | 42 | 69 | 60 | 11 | 182 | 111 | 61% |
| | 20202 - Spring 2020 | 49 | 51 | 27 | 24 | 151 | 100 | 66% |
| | 20212 - Spring 2021 | 91 | 68 | 40 | 30 | 229 | 159 | 69% |

Table 10. *Student Achievement Mathematical and Scientific Reasoning Competency Fall 2016, Spring 2017, Fall 2017, Spring 2018, Fall 2018, Spring 2019, Fall 2019, Spring 2020, Fall 2020, and Spring 2021.*

| 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 | Totals for all terms: | 613 | 453 | 338 | 373 | 1777 | 1066 | 60% |
| | 20171 - Fall 2016 | 97 | 71 | 77 | 67 | 312 | 168 | 54% |
| | 20172 - Spring 2017 | 94 | 116 | 68 | 92 | 370 | 210 | 57% |
| | 20182 - Spring 2018 | 100 | 33 | 48 | 58 | 239 | 133 | 56% |
| | 20192 - Spring 2019 | 108 | 92 | 67 | 51 | 318 | 200 | 63% |
| | 20202 - Spring 2020 | 39 | 43 | 28 | 20 | 130 | 82 | 63% |
| | 20212 - Spring 2021 | 175 | 98 | 50 | 85 | 408 | 273 | 67% |
| Scientific Reasoning | Totals for all terms: | 583 | 537 | 342 | 223 | 1685 | 1120 | 66% |
| | 20171 - Fall 2016 | 64 | 84 | 52 | 19 | 219 | 148 | 68% |
| | 20181 - Fall 2017 | 92 | 102 | 64 | 46 | 304 | 194 | 64% |
| | 20191 - Fall 2018 | 226 | 170 | 138 | 113 | 647 | 396 | 61% |
| | 20201 - Fall 2019 | 141 | 115 | 47 | 27 | 330 | 256 | 78% |
| | 20211 - Fall 2020 | 60 | 66 | 41 | 18 | 185 | 126 | 68% |

The following tables identify each of the 19 general education courses that have been assessed over the past five academic years. Each 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 11. *AMH2020 Course Level Competency Achievement Fall 2016, Spring 2017, Fall 2017, Spring 2018, Fall 2018, Spring 2019, Fall 2019, Spring 2020, Fall 2020, and Spring 2021.*

| Course ID | Competency | Term | Student Count N (Sample Size) | Student Count Competent | % Competent Students |
|-----------|----------------------------|----------------------------|-------------------------------------|----------------------------|-------------------------|
| | Total Course ID Assessed: | | 1279 | 825 | 65% |
| | Total Competency Assessed: | | 524 | 356 | 68% |
| AMH2020 | Critical Thinking | 20172 - Spring 2017 | 131 | 53 | 40% |
| | | 20182 - Spring 2018 | 164 | 128 | 78% |
| | | 20192 - Spring 2019 | 161 | 131 | 81% |
| | | 20202 - Spring 2020 | 68 | 44 | 65% |
| | | Total Competency Assessed: | | 632 | 407 |
| | Ethical Reasoning | 20171 - Fall 2016 | 149 | 122 | 82% |
| | | 20181 - Fall 2017 | 159 | 107 | 67% |
| | | 20191 - Fall 2018 | 178 | 100 | 56% |
| | | 20201 - Fall 2019 | 58 | 35 | 60% |
| | | 20211 - Fall 2020 | 91 | 65 | 71% |
| | | 20212 - Spring 2021 | 120 | 40 | 33% |

Table 12. ARH2000 Course Level Competency Achievement Fall 2016, Spring 2017, Fall 2017, Spring 2018, Fall 2018, Spring 2019, Fall 2019, Spring 2020, Fall 2020, and Spring 2021.

| Course ID | Competency | Term | N (Sample Size) | Student Count Competent | % Competent Students | |
|-----------|---------------------------|----------------------------|-----------------|-------------------------|----------------------|-----|
| ARH2000 | Total Course ID Assessed: | | 928 | 626 | 67% | |
| | Global Self-Awareness | Total Competency Assessed: | | 506 | 345 | 68% |
| | | 20171 - Fall 2016 | | 74 | 38 | 51% |
| | | 20181 - Fall 2017 | | 140 | 103 | 74% |
| | | 20191 - Fall 2018 | | 97 | 72 | 74% |
| | | 20201 - Fall 2019 | | 129 | 86 | 67% |
| | | 20211 - Fall 2020 | | 66 | 46 | 70% |
| | Information Literacy | Total Competency Assessed: | | 422 | 281 | 67% |
| | | 20172 - Spring 2017 | | 83 | 51 | 61% |
| | | 20182 - Spring 2018 | | 89 | 70 | 79% |
| | | 20192 - Spring 2019 | | 131 | 82 | 63% |
| | | 20202 - Spring 2020 | | 60 | 42 | 70% |
| | | 20212 - Spring 2021 | | 59 | 36 | 61% |

Table 13. *BSC1005 Course Level Competency Achievement Spring 2017, Spring 2018, Spring 2019, Spring 2020, Fall 2020, and Spring 2021.*

| Course ID | Competency | Term | N (Sample Size) | Student Count Competent | % Competent Students |
|-----------|----------------------------|----------------------------|-----------------|-------------------------|----------------------|
| | Total Course ID Assessed: | | 765 | 568 | 74% |
| | Total Competency Assessed: | | 639 | 491 | 77% |
| BSC1005 | Critical Thinking | 20172 - Spring 2017 | 78 | 48 | 62% |
| | | 20182 - Spring 2018 | 186 | 139 | 75% |
| | | 20192 - Spring 2019 | 152 | 122 | 80% |
| | | 20202 - Spring 2020 | 132 | 114 | 86% |
| | | 20212 - Spring 2021 | 91 | 68 | 75% |
| | Scientific Reasoning | Total Competency Assessed: | 126 | 77 | 61% |
| | | 20211 - Fall 2020 | 126 | 77 | 61% |

Table 14. *BSC1005L Course Level Competency Achievement Fall 2016, Fall 2017, Fall 2018, and Fall 2019.*

| Course ID | Competency | Term | N (Sample Size) | Student Count Competent | % Competent Students |
|-----------|----------------------------|-------------------|-----------------|-------------------------|----------------------|
| | Total Course ID Assessed: | | 512 | 330 | 64% |
| | Total Competency Assessed: | | 512 | 330 | 64% |
| BSC1005L | Scientific Reasoning | 20171 - Fall 2016 | 18 | 14 | 78% |
| | | 20181 - Fall 2017 | 69 | 52 | 75% |
| | | 20191 - Fall 2018 | 319 | 188 | 59% |
| | | 20201 - Fall 2019 | 106 | 76 | 72% |

Table 15. *CHM1045 Course Level Competency Achievement Spring 2017, Spring 2018, Spring 2019, Fall 2019, Spring 2020, Fall 2020, and Spring 2021.*

| Course ID | Competency | Term | N (Sample Size) | Student Count Competent | % Competent Students |
|-----------|----------------------------|----------------------------|-----------------|-------------------------|----------------------|
| | Total Course ID Assessed: | | 973 | 665 | 68% |
| | Total Competency Assessed: | | 842 | 561 | 67% |
| CHM1045 | Critical Thinking | 20172 - Spring 2017 | 298 | 172 | 58% |
| | | 20182 - Spring 2018 | 199 | 137 | 69% |
| | | 20192 - Spring 2019 | 80 | 43 | 54% |
| | | 20202 - Spring 2020 | 20 | 19 | 95% |
| | | 20211 - Fall 2020 | 109 | 86 | 79% |
| | | 20212 - Spring 2021 | 136 | 104 | 76% |
| | | Total Competency Assessed: | | 131 | 104 |
| | Scientific Reasoning | 20201 - Fall 2019 | 131 | 104 | 79% |

Table 16. *CHM1045L Course Level Competency Achievement Fall 2016, Fall 2017, and Fall 2018.*

| Course ID | Competency | Term | N (Sample Size) | Student Count Competent | % Competent Students |
|-----------|----------------------------|-------------------|-----------------|-------------------------|----------------------|
| | Total Course ID Assessed: | | 425 | 248 | 58% |
| | Total Competency Assessed: | | 425 | 248 | 58% |
| CHM1045L | Scientific Reasoning | 20171 - Fall 2016 | 149 | 93 | 62% |
| | | 20181 - Fall 2017 | 117 | 57 | 49% |
| | | 20191 - Fall 2018 | 159 | 98 | 62% |

Table 17. *ENC1101 Course Level Competency Achievement Fall 2016, Spring 2017, Fall 2017, Spring 2018, Fall 2018, Spring 2019, Fall 2019, Fall 2020, and Spring 2021.*

| Course ID | Competency | Term | N (Sample Size) | Student Count Competent | % Competent Students |
|-----------|-----------------------------------|---------------------|-----------------------|-------------------------------|----------------------------|
| | Total Course ID Assessed: | | 997 | 755 | 76% |
| | Total Competency Assessed: | | 997 | 755 | 76% |
| ENC1101 | Effective Communication (Written) | 20171 - Fall 2016 | 79 | 47 | 59% |
| | | 20172 - Spring 2017 | 90 | 64 | 71% |
| | | 20181 - Fall 2017 | 135 | 102 | 76% |
| | | 20182 - Spring 2018 | 121 | 89 | 74% |
| | | 20191 - Fall 2018 | 113 | 86 | 76% |
| | | 20192 - Spring 2019 | 165 | 141 | 85% |
| | | 20201 - Fall 2019 | 114 | 90 | 79% |
| | | 20211 - Fall 2020 | 97 | 75 | 77% |
| | | 20212 - Spring 2021 | 83 | 61 | 73% |

Table 18. *ENC1102 Course Level Competency Achievement Fall 2016, Spring 2017, Fall 2017, Spring 2018, Fall 2018, Spring 2019, Fall 2019, Fall 2020, and Spring 2021.*

| Course ID | Competency | Term | N (Sample Size) | Student Count Competent | % Competent Students | |
|---------------------|-----------------------------------|----------------------------|-----------------------|-------------------------------|----------------------------|-----|
| | Total Course ID Assessed: | | 1104 | 780 | 71% | |
| | Total Competency Assessed: | | 673 | 457 | 68% | |
| ENC1102 | Effective Communication (Written) | 20171 - Fall 2016 | 29 | 18 | 62% | |
| | | 20172 - Spring 2017 | 67 | 41 | 61% | |
| | | 20181 - Fall 2017 | 172 | 117 | 68% | |
| | | 20182 - Spring 2018 | 96 | 73 | 76% | |
| | | 20191 - Fall 2018 | 124 | 79 | 64% | |
| | | 20202 - Spring 2020 | 92 | 61 | 66% | |
| | | 20211 - Fall 2020 | 93 | 68 | 73% | |
| | | Total Competency Assessed: | | 431 | 323 | 75% |
| | | Information Literacy | 20192 - Spring 2019 | 171 | 135 | 79% |
| | | | 20201 - Fall 2019 | 104 | 74 | 71% |
| 20212 - Spring 2021 | 156 | | 114 | 73% | | |

Table 19. *EVR1001 Course Level Competency Achievement Fall 2016, Fall 2017, Spring 2018, Fall 2018, Spring 2019, Fall 2019, Spring 2020, Fall 2020, and Spring 2021.*

| Course ID | Competency | Term | N (Sample Size) | Student Count Competent | % Competent Students | |
|-----------|----------------------------|---------------------|-----------------|-------------------------|----------------------|-----|
| EVR1001 | Total Course ID Assessed: | | 821 | 560 | 68% | |
| | Total Competency Assessed: | | 330 | 199 | 60% | |
| | Critical Thinking | 20182 - Spring 2018 | | 89 | 42 | 47% |
| | | 20192 - Spring 2019 | | 147 | 96 | 65% |
| | | 20202 - Spring 2020 | | 26 | 16 | 62% |
| | | 20211 - Fall 2020 | | 26 | 15 | 58% |
| | | 20212 - Spring 2021 | | 42 | 30 | 71% |
| | Total Competency Assessed: | | 491 | 361 | 74% | |
| | Scientific Reasoning | 20171 - Fall 2016 | | 52 | 41 | 79% |
| | | 20181 - Fall 2017 | | 118 | 85 | 72% |
| | | 20191 - Fall 2018 | | 169 | 110 | 65% |
| | | 20201 - Fall 2019 | | 93 | 76 | 82% |
| | | 20211 - Fall 2020 | | 59 | 49 | 83% |

Table 20. *MAC1105 Course Level Competency Achievement Fall 2016, Spring 2017, Fall 2017, Spring 2018, Fall 2018, Spring 2019, Fall 2019, and Spring 2021.*

| Course ID | Competency | Term | N (Sample Size) | Student Count Competent | % Competent Students |
|-----------|--|----------------------------|-----------------------|-------------------------------|----------------------------|
| | Total Course ID Assessed: | | 861 | 531 | 62% |
| | | Total Competency Assessed: | 369 | 223 | 60% |
| | Effective Communication (Mathematical) | 20181 - Fall 2017 | 57 | 25 | 44% |
| | | 20191 - Fall 2018 | 150 | 84 | 56% |
| | | 20201 - Fall 2019 | 162 | 114 | 70% |
| MAC1105 | | Total Competency Assessed: | 492 | 308 | 63% |
| | Mathematical Reasoning | 20171 - Fall 2016 | 73 | 24 | 33% |
| | | 20172 - Spring 2017 | 72 | 40 | 56% |
| | | 20182 - Spring 2018 | 27 | 23 | 85% |
| | | 20192 - Spring 2019 | 185 | 124 | 67% |
| | | 20212 - Spring 2021 | 135 | 97 | 72% |

Table 21. *MGF1106 Course Level Competency Achievement Fall 2016, Spring 2017, Fall 2017, Spring 2018, Fall 2018, Spring 2019, Fall 2019, Spring 2020, Fall 2020, and Spring 2021.*

| Course ID | Competency | Term | N (Sample Size) | Student Count Competent | % Competent Students |
|-----------|--|----------------------------|-----------------------|-------------------------------|----------------------------|
| | Total Course ID Assessed: | | 945 | 568 | 60% |
| | Total Competency Assessed: | | 405 | 259 | 64% |
| MGF1106 | Effective Communication (Mathematical) | 20181 - Fall 2017 | 86 | 41 | 48% |
| | | 20191 - Fall 2018 | 81 | 44 | 54% |
| | | 20201 - Fall 2019 | 100 | 72 | 72% |
| | | 20211 - Fall 2020 | 138 | 102 | 74% |
| | | Total Competency Assessed: | | 389 | 223 |
| | Mathematical Reasoning | 20171 - Fall 2016 | 120 | 73 | 61% |
| | | 20172 - Spring 2017 | 54 | 30 | 56% |
| | | 20182 - Spring 2018 | 112 | 62 | 55% |
| | | 20192 - Spring 2019 | 45 | 26 | 58% |
| | | 20202 - Spring 2020 | 58 | 32 | 55% |
| | | 20212 - Spring 2021 | 151 | 86 | 57% |

Table 22. *MUL2010 Course Level Competency Achievement Fall 2016, Spring 2017, Fall 2017, Spring 2018, Fall 2018, Spring 2019, Fall 2019, Spring 2020, Fall 2020, and Spring 2021.*

| Course ID | Competency | Term | N (Sample Size) | Student Count Competent | % Competent Students |
|-----------|----------------------------|---------------------|-----------------|-------------------------|----------------------|
| | Total Course ID Assessed: | | 795 | 567 | 71% |
| | Total Competency Assessed: | | 382 | 289 | 76% |
| | | 20171 - Fall 2016 | 72 | 44 | 61% |
| | Global Self-Awareness | 20181 - Fall 2017 | 84 | 69 | 82% |
| | | 20191 - Fall 2018 | 109 | 76 | 70% |
| | | 20211 - Fall 2020 | 117 | 100 | 85% |
| MUL2010 | Total Competency Assessed: | | 413 | 278 | 67% |
| | | 20172 - Spring 2017 | 80 | 50 | 63% |
| | | 20182 - Spring 2018 | 93 | 76 | 82% |
| | Information Literacy | 20192 - Spring 2019 | 57 | 48 | 84% |
| | | 20201 - Fall 2019 | 78 | 37 | 47% |
| | | 20202 - Spring 2020 | 91 | 58 | 64% |
| | | 20212 - Spring 2021 | 14 | 9 | 64% |

Table 23. *PHI2010 Course Level Competency Achievement Fall 2016, Spring 2017, Fall 2017, Spring 2018.*

| Course ID | Competency | Term | N (Sample Size) | Student Count Competent | % Competent Students |
|---------------------|----------------------------|---------------------|-----------------|-------------------------|----------------------|
| | Total Course ID Assessed: | | 307 | 213 | 69% |
| | Total Competency Assessed: | | 177 | 117 | 66% |
| PHI2010 | Global Self-Awareness | 20171 - Fall 2016 | 102 | 70 | 69% |
| | | 20181 - Fall 2017 | 75 | 47 | 63% |
| | Total Competency Assessed: | | 130 | 96 | 74% |
| | Information Literacy | 20172 - Spring 2017 | 80 | 66 | 83% |
| 20182 - Spring 2018 | | 50 | 30 | 60% | |

Table 24. *PHI2600 Course Level Competency Achievement Fall 2018, Spring 2019, Fall 2019, Spring 2020, Fall 2020, and Spring 2021.*

| Course ID | Competency | Term | N (Sample Size) | Student Count Competent | % Competent Students |
|-------------------|-----------------------------------|---------------------|-----------------|-------------------------|----------------------|
| | Total Course ID Assessed: | | 722 | 539 | 75% |
| | Total Competency Assessed: | | 312 | 240 | 77% |
| PHI2600 | Effective Communication (Written) | 20192 - Spring 2019 | 132 | 104 | 79% |
| | | 20202 - Spring 2020 | 82 | 48 | 59% |
| | | 20212 - Spring 2021 | 98 | 88 | 90% |
| | Total Competency Assessed: | | 410 | 299 | 73% |
| | Ethical Reasoning | 20191 - Fall 2018 | 134 | 93 | 69% |
| 20201 - Fall 2019 | | 84 | 66 | 79% | |
| 20211 - Fall 2020 | | 192 | 140 | 73% | |

Table 25. *PSY2012 Course Level Competency Achievement Fall 2016, Spring 2017, Fall 2017, Spring 2018, Fall 2018, Spring 2019, Fall 2019, Spring 2020, and Spring 2021.*

| Course ID | Competency | Term | N (Sample Size) | Student Count Competent | % Competent Students | |
|-----------|----------------------------|---------------------|-----------------|-------------------------|----------------------|-----|
| PSY2012 | Total Course ID Assessed: | | 1060 | 764 | 72% | |
| | Total Competency Assessed: | | 586 | 444 | 76% | |
| | Critical Thinking | 20172 - Spring 2017 | | 98 | 74 | 76% |
| | | 20182 - Spring 2018 | | 157 | 115 | 73% |
| | | 20192 - Spring 2019 | | 147 | 117 | 80% |
| | | 20202 - Spring 2020 | | 94 | 72 | 77% |
| | | 20212 - Spring 2021 | | 90 | 66 | 73% |
| | Total Competency Assessed: | | 357 | 241 | 68% | |
| | Ethical Reasoning | 20171 - Fall 2016 | | 118 | 61 | 52% |
| | | 20181 - Fall 2017 | | 75 | 49 | 65% |
| | | 20191 - Fall 2018 | | 164 | 131 | 80% |
| | | 20201 - Fall 2019 | | 117 | 79 | 68% |

Table 26. SPC1024 Course Level Competency Achievement Fall 2016, Fall 2017, Fall 2018, Fall 2019, and Spring 2021.

| Course ID | Competency | Term | N (Sample Size) | Student Count Competent | % Competent Students |
|-----------|--------------------------------|---------------------|-----------------|-------------------------|----------------------|
| | Total Course ID Assessed: | | 420 | 309 | 74% |
| | Total Competency Assessed: | | 420 | 309 | 74% |
| SPC1024 | Effective Communication (Oral) | 20171 - Fall 2016 | 44 | 25 | 57% |
| | | 20181 - Fall 2017 | 65 | 40 | 62% |
| | | 20191 - Fall 2018 | 144 | 104 | 72% |
| | | 20201 - Fall 2019 | 103 | 83 | 81% |
| | | 20212 - Spring 2021 | 64 | 57 | 89% |

Table 27. SPC1608 Course Level Competency Achievement Spring 2017, Spring 2018, Spring 2019, and Fall 2020.

| Course ID | Competency | Term | N (Sample Size) | Student Count Competent | % Competent Students |
|-----------|--------------------------------|---------------------|-----------------|-------------------------|----------------------|
| | Total Course ID Assessed: | | 514 | 400 | 78% |
| | Total Competency Assessed: | | 514 | 400 | 78% |
| SPC1608 | Effective Communication (Oral) | 20172 - Spring 2017 | 100 | 72 | 72% |
| | | 20182 - Spring 2018 | 171 | 140 | 82% |
| | | 20192 - Spring 2019 | 178 | 141 | 79% |
| | | 20211 - Fall 2020 | 65 | 47 | 72% |

Table 28. STA2023 Course Level Competency Achievement Fall 2016, Spring 2017, Fall 2017, Spring 2018, Fall 2018, Spring 2019, Fall 2019, Spring 2020, Fall 2020, and Spring 2021.

| Course ID | Competency | Term | N (Sample Size) | Student Count Competent | % Competent Students |
|-----------|--|----------------------------|-----------------------|-------------------------------|----------------------------|
| | Total Course ID Assessed: | | 1207 | 766 | 63% |
| | | Total Competency Assessed: | 462 | 317 | 69% |
| | Effective Communication (Mathematical) | 20181 - Fall 2017 | 121 | 78 | 64% |
| | | 20191 - Fall 2018 | 113 | 77 | 68% |
| | | 20201 - Fall 2019 | 116 | 90 | 78% |
| | | 20211 - Fall 2020 | 112 | 72 | 64% |
| STA2023 | | Total Competency Assessed: | 623 | 359 | 58% |
| | Mathematical Reasoning | 20171 - Fall 2016 | 119 | 71 | 60% |
| | | 20172 - Spring 2017 | 244 | 140 | 57% |
| | | 20182 - Spring 2018 | 100 | 48 | 48% |
| | | 20192 - Spring 2019 | 88 | 50 | 57% |
| | | 20202 - Spring 2020 | 72 | 50 | 69% |
| | | 20212 - Spring 2021 | 122 | 90 | 74% |

Table 29. SYG2000 Course Level Competency Achievement Fall 2016, Spring 2017, Fall 2017, Spring 2018, Fall 2018, Spring 2019, Fall 2019, Spring 2020, Fall 2020, and Spring 2021.

| Course ID | Competency | Term | N (Sample Size) | Student Count Competent | % Competent Students | |
|-----------|----------------------------|---------------------|-----------------|-------------------------|----------------------|------|
| SYG2000 | Total Course ID Assessed: | | 968 | 698 | 72% | |
| | Total Competency Assessed: | | 515 | 407 | 79% | |
| | Critical Thinking | 20172 - Spring 2017 | | 119 | 98 | 82% |
| | | 20182 - Spring 2018 | | 98 | 74 | 76% |
| | | 20192 - Spring 2019 | | 101 | 80 | 79% |
| | | 20201 - Fall 2019 | | 29 | 29 | 100% |
| | | 20202 - Spring 2020 | | 64 | 48 | 75% |
| | | 20212 - Spring 2021 | | 104 | 78 | 75% |
| | Total Competency Assessed: | | 383 | 231 | 60% | |
| | Ethical Reasoning | 20171 - Fall 2016 | | 131 | 69 | 53% |
| | | 20181 - Fall 2017 | | 108 | 58 | 54% |
| | | 20191 - Fall 2018 | | 98 | 68 | 69% |
| | | 20201 - Fall 2019 | | 46 | 36 | 78% |
| | Total Competency Assessed: | | 70 | 60 | 86% | |
| | Global Self-Awareness | 20211 - Fall 2020 | | 70 | 60 | 86% |

Conclusions and Recommendations

Over the past five academic years, AY 2017-2021, the College has employed the assessment of general education student learning through the six competencies and 16 general education courses. During this time period 15,603 students have been assessed and 10,712 students have met the competency level of exceeds or demonstrates. Therefore, 69% of the entire student population assessed over this time period demonstrated the desired level of competency. The College has set a level of 75% or higher as its ideal competency target for student learning. The College Assessment Team for Student Success (CATS) will focus on engaging more faculty in additional assessment training sessions to ensure faculty are exposed to best practices in assessment. Additionally, the CATS will continue to work with Associate

Deans to share assessment findings and facilitate discussions about approaches to enhance student learning with faculty colleagues on a term-by-term basis.