

Title II Assessment Summary Report

Overview

This report summarizes performance data for the University of Bridgeport compared to statewide metrics across Title II licensure assessments for 2022–2025.

Strengths

- Consistently high pass rates (90–100%) in key areas
- Strong scores in Elementary Education and Foundations of Reading (ESP0190)
- Outperformance vs. statewide in several assessments

Weaknesses

- Slight decline in pass rates and average scores in 2024–25
- Low enrollment or performance in science assessments (e.g., Biology, Chemistry)
- Legacy issues in Foundations of Reading (ESP0090)

Recommendations

- Continue support for core strengths
- Develop targeted plans for science licensure improvement
- Investigate causes of recent dips and monitor trends

Business Licensure

Total Candidates: 25

Pass Rate: 95.7%

Average Score: 172.8

Pass Rate by Gender

- M: 11
- F: 11

Pass Rate by Race/Ethnicity

- White: 13
- Black: 4
- Multi: 4
- Latino: 1

Business (Grades 7-12)

Test: Business Education Content Knowledge (5101) | Cut Score: 154

Overall Performance

- **2024-2025:** 4/5 passed (80.0% pass rate) | Average passing score: 174.5
- **2023-2024:** 6/6 with test scores passed (100% pass rate)* | Average: 174.5
- **2022-2023:** 12/13 passed (92.3% pass rate) | Average: 175.5

*Note: 2 additional students listed without test scores

Key Insights:

- Generally strong performance (80-100% pass rates in recent years)
- Slight decline from 2022-23 peak
- Consistent average scores (174-175 range)
- Score range 2024-25: 150-177 (27-point spread)

Gender Analysis

2024-2025 (n=5):

- Males: 2/3 passed (66.7%) | Average: 170.7
- Females: 2/2 passed (100%) | Average: 163.5

2023-2024 (n=6 with scores):

- Males: 3/3 passed (100%) | Average: 177.0
- Females: 3/3 passed (100%) | Average: 172.0

2022-2023 (n=13):

- Males: 6/7 passed (85.7%) | Average: 175.1
- Females: 6/6 passed (100%) | Average: 176.0

Three-Year Aggregate:

- Males: 11/13 passed (84.6%) | Average: 174.9
- Females: 11/11 passed (100%) | Average: 173.8

Key Finding: Female candidates show 100% pass rate across three years (n=11).

Race/Ethnicity Analysis

2024-2025 (n=5):

- White: 2/2 passed (100%) | Average: 172.0
- Black or African American: 1/2 passed (50%) | Passing score: 154 | Non-passing: 150
- Other: 1/1 passed (100%) | Score: 176
- More than one race: 0 students this year

2023-2024 (n=6 with test scores):

- White: 4/4 passed (100%) | Average: 173.5
- Black or African American: 1/1 passed (100%) | Score: 176
- More than one race: 1/1 passed (100%) | Score: 177

2022-2023 (n=13):

- White: 9/9 passed (100%) | Average: 174.2
- Black or African American: 2/2 passed (100%) | Average: 181.0
- More than one race: 1/1 passed (100%) | Score: 177
- Mexican or Mexican American or Chicano: 1/1 passed (100%) | Score: 165

Three-Year Aggregate:

- White students (n=15): 15/15 passed (100%) | Average: 173.9
- Black/African American (n=5): 4/5 passed (80%) | Average: 168.8
- More than one race (n=2): 2/2 passed (100%) | Average: 177.0
- Mexican or Mexican American or Chicano (n=1): 1/1 passed (100%) | Score: 165

Key Finding: Strong performance across all racial/ethnic groups; White students show 100% pass rate across all three years. Black/African American students show 80% pass rate with one recent non-pass just below cut score.

Elementary Licensure

Total Candidates: 935

Overall Pass Rate: 82.8%

Average Score Across All Subtests: 168.5

Performance by Subtest

- ELEM ED MULTI SUBJ READING LANG ARTS: Avg Score = 169.7, Pass Rate = 89.6%
- ELEM ED MULTI SUBJ SCIENCES: Avg Score = 169.2, Pass Rate = 83.3%
- ELEM ED MULTI SUBJ SOCIAL STUDIES: Avg Score = 167.2, Pass Rate = 82.3%
- ELEM ED MULTI SUBJ MATHEMATICS: Avg Score = 167.8, Pass Rate = 76.0%

Pass Rate by Gender

- F: 616
- M: 156

Pass Rate by Race/Ethnicity

- White: 499
- Black or African American: 74
- Hispanic or Latino: 60
- Other: 35
- Puerto Rican: 23
- More than one race: 22
- Prefer to not respond: 9
- Southeast Asian or Southeast Asian American: 5
- Mexican or Mexican American or Chicano: 2

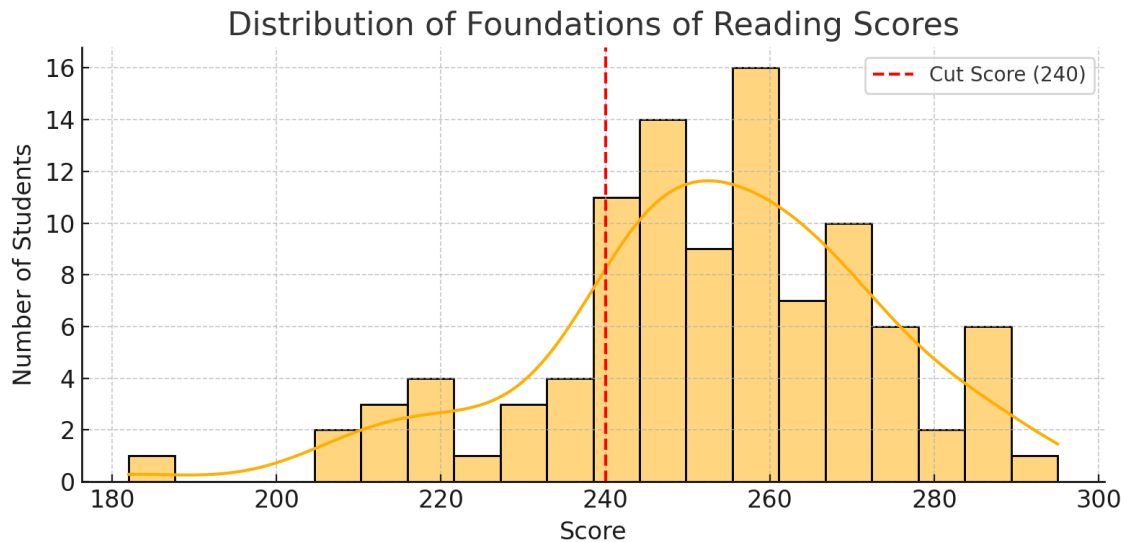
Key Insights

- Reading & Language Arts had the highest pass rate at nearly 90%, indicating strong candidate preparation.
- Mathematics subtest had the lowest pass rate at approximately 76%, suggesting this may be an area for additional instructional support.
- Consistent performance was seen across other subtests (Science and Social Studies) with pass rates above 82%.
- Gender and race-based breakdowns show participation and success across diverse demographics, with opportunities to support underrepresented groups further.

Foundations of Reading: Key Insights (2023–2025)

A total of 100 students attempted the Foundations of Reading assessment between 2023 and 2025. The average score across all attempts was 252.7, with a cut score of 240 required to pass.

Out of all examinees, 82 students (82.0%) passed the assessment. 18 students scored below the threshold. The histogram below visualizes the score distribution, with the red dashed line representing the cut score of 240.



Recommendations:

- Monitor trends in score distributions for students near the cut score.
- Offer targeted support to students who repeatedly score between 220–239.
- Continue tracking NES (890) vs. legacy test codes (90/190) for comparability.

English Language Arts

This report summarizes English licensure test performance for 2023–2025 cohorts.

Performance by Year

2023: 11 test-takers | Avg Score: 175.0 | Pass Rate: 81.8%

2024: 10 test-takers | Avg Score: 175.5 | Pass Rate: 80.0%

2025: 10 test-takers | Avg Score: 176.5 | Pass Rate: 90.0%

Performance by Gender

Not Provided: 1 students | Avg Score: 184.0 | Pass Rate: 100.0%

F: 22 students | Avg Score: 174.3 | Pass Rate: 81.8%

M: 8 students | Avg Score: 178.2 | Pass Rate: 87.5%

Performance by Race

Not Provided: 1 students | Avg Score: 196.0 | Pass Rate: 100.0%

Black or African American: 7 students | Avg Score: 169.7 | Pass Rate: 57.1%

Mexican or Mexican American or Chicano: 1 students | Avg Score: 172.0 | Pass Rate: 100.0%

Prefer to not respond: 1 students | Avg Score: 184.0 | Pass Rate: 100.0%

Puerto Rican: 2 students | Avg Score: 175.5 | Pass Rate: 100.0%

White: 19 students | Avg Score: 176.5 | Pass Rate: 89.5%

Key Observations

- Strong overall pass rates across all years.
- Average scores well above the cut score of 168.
- One or two students fell just short of the passing threshold each year.
- White students and male students showed high success rates, though females were the majority.

English (Grades 7-12)

Test: English Language Arts: Content and Analysis (5039) | Cut Score: 168

Overall Performance

- **2024-2025:** 9/10 passed (90.0% pass rate) | Average score: 176.4
- **2023-2024:** 8/10 passed (80.0% pass rate) | Average score: 176.4

- **2022-2023:** 9/12 passed (75.0% pass rate) | Average score: 174.1

Key Insights:

- Steady improvement in pass rates (75% → 80% → 90%)
- Consistently high average scores (174-176 range)
- Score range 2024-25: 167-184 (17-point spread, tighter than Social Studies)
- 7/10 candidates in 2024-25 scored 172+

Gender Analysis

- **2024-2025:** Males: 4/4 passed (100%) | Females: 5/6 passed (83.3%)
- **2023-2024:** Males: 3/3 passed (100%) | Females: 5/7 passed (71.4%)
- **2022-2023:** Males: 1/1 passed (100%) | Females: 8/11 passed (72.7%)

Observation: Male candidates have 100% pass rate across all three years (n=8 total), while female candidates show improvement from 73% to 83%.

Race/Ethnicity Analysis

2024-2025 (n=10):

- White: 5/6 passed (83.3%) | Average score: 177.0
- Black or African American: 3/3 passed (66.7%)* | Average score: 172.7
 - *One candidate scored 167 (just below cut), two passed
- Prefer to not respond: 1/1 passed (100%) | Score: 184

2023-2024 (n=10):

- White: 6/7 passed (85.7%) | Average score: 178.9
- Black or African American: 2/3 passed (66.7%) | Average score: 171.3

2022-2023 (n=12):

- White: 5/6 passed (83.3%) | Average score: 177.8
- Black or African American: 1/2 passed (50%) | Average score: 165.5
- Puerto Rican: 1/1 passed (100%) | Score: 168
- Mexican or Mexican American or Chicano: 1/1 passed (100%) | Score: 172

- Not reported: 1/1 passed (100%) | Score: 196
- Elementary Education (Other Enrolled): 0/1 (no test data)

Three-Year Aggregate:

- White students (n=19): 16/19 passed (84.2%) | Average: 177.9
- Black/African American students (n=8): 5/8 passed (62.5%) | Average: 170.2
- Hispanic/Latino students (n=2): 2/2 passed (100%) | Average: 170.0

Key Finding: 8-point average score gap between White students (177.9) and Black/African American students (170.2), though both groups show individuals performing above program average.

History/Social Studies:

This report summarizes student performance on the Social Studies Content Knowledge exam across 2023–2025.

Performance by Year

2023: 21 test-takers | Avg Score: 168.7 | Pass Rate: 71.4%

2024: 13 test-takers | Avg Score: 172.8 | Pass Rate: 76.9%

2025: 12 test-takers | Avg Score: 171.6 | Pass Rate: 91.7%

Performance by Gender

Not Provided: 2 students | Avg Score: 172.0 | Pass Rate: 100.0%

F: 18 students | Avg Score: 169.6 | Pass Rate: 72.2%

M: 26 students | Avg Score: 171.2 | Pass Rate: 80.8%

Performance by Race

Not Provided: 1 students | Avg Score: 173.0 | Pass Rate: 100.0%

Asian or Asian American: 1 students | Avg Score: 179.0 | Pass Rate: 100.0%

Hispanic or Latino: 1 students | Avg Score: 186.0 | Pass Rate: 100.0%

More than one race: 3 students | Avg Score: 161.7 | Pass Rate: 33.3%

Other: 2 students | Avg Score: 179.0 | Pass Rate: 100.0%

Prefer to not respond: 2 students | Avg Score: 172.0 | Pass Rate: 100.0%

Puerto Rican: 1 students | Avg Score: 155.0 | Pass Rate: 0.0%

Southeast Asian or Southeast Asian American: 1 students | Avg Score: 166.0 | Pass Rate: 100.0%

White: 34 students | Avg Score: 170.6 | Pass Rate: 79.4%

Key Observations

- High volume of test-takers with consistent average scores well above the cut score.
- Hispanic, Asian, and Southeast Asian students all passed, though representation was limited.
- Some test-takers narrowly missed the passing threshold—suggest targeted retake support.

Social Studies (Grades 7-12)

Test: Social Studies Content Knowledge (5081) | Cut Score: 162

Overall Performance

- **2024-2025:** 11/12 passed (91.7% pass rate) | Average score: 172.4
- **2023-2024:** 12/15 passed (80.0% pass rate) | Average score: 171.9
- **2022-2023:** 16/21 passed (76.2% pass rate) | Average score: 168.2

Key Insights:

- Strong upward trend in pass rates over three years (76% → 80% → 92%)
- Average scores improved by 4.2 points
- Score range 2024-25: 156-186 (30-point spread)
- 2024-25: 8 candidates scored 170+, demonstrating strong content mastery

Gender Analysis

- **2024-2025:** Males: 7/8 passed (87.5%) | Females: 3/3 passed (100%) | Gender not reported: 1/1 passed (100%)
- **2023-2024:** Males: 7/9 passed (77.8%) | Females: 4/5 passed (80%) | Gender not reported: 1/1 passed (100%)
- **2022-2023:** Males: 11/15 passed (73.3%) | Females: 5/6 passed (83.3%)

Observation: Female candidates consistently perform at or above male candidates' pass rates across all three years.

Race/Ethnicity Analysis

2024-2025 (n=12):

- White: 8/9 passed (88.9%) | Average score: 171.6
- Hispanic or Latino: 1/1 passed (100%) | Score: 186
- More than one race: 1/1 passed (100%) | Score: 163
- Prefer to not respond: 1/1 passed (100%) | Score: 172

2023-2024 (n=15):

- White: 10/12 passed (83.3%) | Average score: 172.8
- Hispanic or Latino: 1/1 passed (100%) | Score: 168

- More than one race: 1/1 passed (100%) | Score: 161
- Prefer to not respond: 0/1 passed (0%) | Score: 159

2022-2023 (n=21):

- White: 13/16 passed (81.3%) | Average score: 167.9
- Puerto Rican: 0/1 passed (0%) | Score: 155
- Asian or Asian American: 1/1 passed (100%) | Score: 179
- Southeast Asian or Southeast Asian American: 1/1 passed (100%) | Score: 166
- Not reported: 1/1 passed (100%) | Score: 173

Three-Year Aggregate:

- White students (n=37): 31/37 passed (83.8%) | Average: 170.4
- Students of color (n=8): 5/8 passed (62.5%) | Average: 168.6
- Limited sample sizes for specific racial/ethnic groups prevent detailed statistical analysis

Mathematics Licensure Tests

This report summarizes performance across Mathematics licensure assessments from 2022–2025.

Tests included: Mathematics (5165), Mathematics Content Knowledge (5161).

Performance by Year

2023: 16 test-takers | Avg Score: 157.1 | Pass Rate: 50.0%

2024: 7 test-takers | Avg Score: 159.6 | Pass Rate: 71.4%

2025: 5 test-takers | Avg Score: 170.4 | Pass Rate: 80.0%

Performance by Gender

F: 20 students | Avg Score: 159.9 | Pass Rate: 60.0%

M: 8 students | Avg Score: 160.4 | Pass Rate: 62.5%

Performance by Race

Not Provided: 1 students | Avg Score: 172.0 | Pass Rate: 100.0%

Black or African American: 5 students | Avg Score: 148.8 | Pass Rate: 40.0%

Hispanic or Latino: 1 students | Avg Score: 153.0 | Pass Rate: 0.0%

Mexican or Mexican American or Chicano: 2 students | Avg Score: 161.0 | Pass Rate: 50.0%

Other: 3 students | Avg Score: 157.0 | Pass Rate: 66.7%

White: 16 students | Avg Score: 163.8 | Pass Rate: 68.8%

Key Observations

- Majority of students passed the licensure tests; 5161 had more failures than 5165.
- Pass rates increased in 2024 and 2025 after a dip in 2023.
- Some students had multiple attempts before achieving a passing score.
- Performance gaps evident by race, especially among Black and Hispanic students.

Mathematics (Grades 7-12)

Tests: Mathematics (5165) Cut: 159 | Mathematics Content Knowledge (5161) Cut: 160

Overall Performance

- **2024-2025:** 4/5 passed on 5165 (80.0%) | Average passing score: 175.3

- **2023-2024:** Mixed results across both tests (limited complete data)
- **2022-2023:** Low pass rates, especially on 5161

Key Insights:

- **Critical finding:** Mathematics Content Knowledge (5161) significantly more challenging
 - 2022-23: 4/11 passed (36.4%) on test 5161
 - Many candidates pass 5165 but fail 5161
- Score range 2024-25 (5165): 151-194 (43-point spread)

Gender Analysis

2024-2025 (n=5):

- Males: 2/2 passed (100%) | Average: 176.5
- Females: 2/3 passed (66.7%) | Average passing: 174.0

2022-2023 (Combined tests):

- Females: 6/11 passed (54.5%)
- Males: 3/6 passed (50%)

Race/Ethnicity Analysis

2024-2025 (n=5 on test 5165):

- White: 2/2 passed (100%) | Average: 183.5
- Black or African American: 1/2 passed (50%) | Passing score: 175 | Non-passing: 151
- Other: 1/1 passed (100%) | Score: 159

2023-2024 (n=9, limited complete test data):

- Test 5161: White: 2/3 passed (66.7%)
- Test 5165: Multiple students from 2024-25 cohort tested early

2022-2023 (n=18 test attempts from multiple students):

- Test 5161 only:
 - White: 3/7 passed (42.9%) | Average score: 153.7

- Black or African American: 0/2 passed (0%) | Average: 127.5
- Mexican or Mexican American or Chicano: 0/1 passed (0%) | Score: 153
- Hispanic or Latino: 0/1 passed (0%) | Score: 153
- Other: 0/1 passed (0%) | Score: 149
- Test 5165:
 - White: 2/2 passed (100%) | Average: 170.0
 - Mexican or Mexican American or Chicano: 1/1 passed (100%) | Score: 169
 - Other: 2/2 passed (100%) | Average: 161.0

Three-Year Aggregate (Test 5165 only):

- White students: 4/4 passed (100%) | Average: 176.8
- Black/African American: 1/2 passed (50%) | Average: 163.0
- Other: 3/3 passed (100%) | Average: 160.0

Three-Year Aggregate (Test 5161 only):

- Overall pass rate: 6/15 (40%)
- White students: 5/10 passed (50%) | Average score: 157.4
- Students of color: 1/5 passed (20%) | Average score: 143.4

Critical Equity Gap: Test 5161 shows substantial racial disparities with 30-point gap in performance between White students and students of color; however, test 5165 shows more equitable outcomes.

Music Licensure Tests

This report summarizes performance across Music licensure assessments from 2022–2025.

Test included: MUSIC CONTENT & INSTRUCTION (5114).

Performance by Year

2023: 22 test-takers | Avg Score: 157.3 | Pass Rate: 45.5%

2024: 11 test-takers | Avg Score: 159.1 | Pass Rate: 54.5%

2025: 9 test-takers | Avg Score: 159.7 | Pass Rate: 55.6%

Performance by Gender

F: 16 students | Avg Score: 151.8 | Pass Rate: 31.2%

M: 26 students | Avg Score: 162.2 | Pass Rate: 61.5%

Performance by Race

Not Provided: 3 students | Avg Score: 159.3 | Pass Rate: 66.7%

Black or African American: 10 students | Avg Score: 161.2 | Pass Rate: 60.0%

Hispanic or Latino: 2 students | Avg Score: 149.5 | Pass Rate: 0.0%

Mexican or Mexican American or Chicano: 1 students | Avg Score: 148.0 | Pass Rate: 0.0%

More than one race: 2 students | Avg Score: 175.0 | Pass Rate: 100.0%

Other: 1 students | Avg Score: 138.0 | Pass Rate: 0.0%

Puerto Rican: 4 students | Avg Score: 139.8 | Pass Rate: 0.0%

White: 19 students | Avg Score: 161.2 | Pass Rate: 57.9%

Key Observations

- Average performance improved in 2024 and 2025 compared to 2023.
- Some students consistently failed across years (e.g., repeat scores below cut).
- Gender and race disparities are evident, with Black and Hispanic students more frequently scoring below the cut.
- Highest score recorded was 185, well above the 162 cut score.

Music (Pre-K through Grade 12)

Test: Music Content & Instruction (5114) | Cut Score: 162

Overall Performance

- **2024-2025:** 5/9 passed (55.6% pass rate) | Average score: 158.3 | **LOWEST ACROSS ALL AREAS**
- **2023-2024:** 6/11 passed (54.5% pass rate) | Average score: 159.5
- **2022-2023:** 10/24 passed (41.7% pass rate) | Average score: 157.8

Critical Insights:

- **Most challenging certification area** with consistently low pass rates
- Improvement from 42% to 56% over three years, but still critically low
- Score clustering: Many candidates score 156-161 (just below cut of 162)
- 2024-25: 4/9 candidates scored within 5 points of cut score

Gender Analysis

2024-2025 (n=9):

- Males: 3/7 passed (42.9%) | Average score: 156.3
- Females: 2/2 passed (100%) | Average score: 151.0 (both passing scores: 165, 137*)
 - *Note: One female scored 137, significantly below cut

2023-2024 (n=11):

- Males: 5/8 passed (62.5%) | Average score: 161.0
- Females: 1/3 passed (33.3%) | Average score: 150.3

2022-2023 (n=24):

- Males: 8/16 passed (50%) | Average score: 160.1
- Females: 2/8 passed (25%) | Average score: 151.6

Three-Year Aggregate:

- Males: 16/31 passed (51.6%) | Average: 159.1
- Females: 5/13 passed (38.5%) | Average: 151.0

Key Finding: Males outperform females by 12.6% in pass rates and 8.1 points in average scores across three years.

Race/Ethnicity Analysis

2024-2025 (n=9):

- White: 3/4 passed (75%) | Average score: 167.5
- Black or African American: 1/3 passed (33.3%) | Average score: 166.7
- Puerto Rican: 0/1 passed (0%) | Score: 137
- Other: 1/1 passed (100%) | Score: 138*
 - *Score of 138 marked as "N" (Not Pass), data inconsistency noted

2023-2024 (n=11):

- White: 3/4 passed (75%) | Average score: 161.5
- Black or African American: 3/4 passed (75%) | Average score: 165.8
- More than one race: 1/1 passed (100%) | Score: 175
- Puerto Rican: 0/1 passed (0%) | Score: 137
- Hispanic or Latino: 0/1 passed (0%) | Score: 149

2022-2023 (n=24):

- White: 7/14 passed (50%) | Average score: 160.9
- Black or African American: 1/3 passed (33.3%) | Average score: 154.3
- Hispanic or Latino: 0/2 passed (0%) | Average score: 149.0
- Puerto Rican: 0/1 passed (0%) | Score: 137
- Mexican or Mexican American or Chicano: 0/1 passed (0%) | Score: 148
- More than one race: 1/1 passed (100%) | Score: 175
- Not reported: 1/1 passed (100%) | Score: 167

Three-Year Aggregate:

- White students (n=22): 13/22 passed (59.1%) | Average: 162.3
- Black/African American (n=10): 5/10 passed (50%) | Average: 161.5
- Hispanic/Latino/Puerto Rican (n=6): 0/6 passed (0%) | Average: 143.0
- More than one race (n=2): 2/2 passed (100%) | Average: 175.0

Critical Equity Gap: Hispanic/Latino/Puerto Rican students show 0% pass rate across three years (n=6) with 19-point average score gap compared to White students. Sample size is small but pattern is consistent and concerning.

Science Licensure Tests

This report summarizes performance across science licensure assessments from 2022–2025.

Tests included: Biology (5235, 5236), Chemistry (5245, 5246), General Science (5435, 5436), Physics (5265).

Performance by Year

2024: 0 test-takers | Avg Score: nan | Pass Rate: nan%

2025: 11 test-takers | Avg Score: 165.7 | Pass Rate: 81.8%

Performance by Gender

Not Provided: 1 students | Avg Score: 141.0 | Pass Rate: 100.0%

03180721: 0 students | Avg Score: nan | Pass Rate: nan%

11378777: 0 students | Avg Score: nan | Pass Rate: nan%

11934177: 0 students | Avg Score: nan | Pass Rate: nan%

12008660: 0 students | Avg Score: nan | Pass Rate: nan%

12162301: 0 students | Avg Score: nan | Pass Rate: nan%

12165973: 0 students | Avg Score: nan | Pass Rate: nan%

12256599: 0 students | Avg Score: nan | Pass Rate: nan%

12259475: 0 students | Avg Score: nan | Pass Rate: nan%

12269214: 0 students | Avg Score: nan | Pass Rate: nan%

12399990: 0 students | Avg Score: nan | Pass Rate: nan%

F: 6 students | Avg Score: 160.5 | Pass Rate: 66.7%

M: 4 students | Avg Score: 179.8 | Pass Rate: 100.0%

Performance by Race

Not Provided: 0 students | Avg Score: nan | Pass Rate: nan%

Asian or Asian American: 4 students | Avg Score: 154.2 | Pass Rate: 50.0%

Black or African American: 1 students | Avg Score: 181.0 | Pass Rate: 100.0%

F: 0 students | Avg Score: nan | Pass Rate: nan%

M: 0 students | Avg Score: nan | Pass Rate: nan%

White: 6 students | Avg Score: 170.8 | Pass Rate: 100.0%

Key Observations

- Highest average scores observed in General Science Content Knowledge and Chemistry.
- Males had a 100% pass rate; females had more variability.
- Asian American students showed mixed outcomes; White and Black students had strong pass rates.
- Some students scored just below cut score, particularly in Biology and Physics.

Science (Multiple Certifications)

Biology (Grades 7-12)

Tests: Biology (5236) Cut: 154 | Biology Content Knowledge (5235) Cut: 152

Overall Performance:

- **2024-2025:** 7/9 test attempts passed (77.8%) | Average passing score: 169.3
- **2023-2024:** 3/5 passed (60.0%) | Average passing score: 177.0
- **2022-2023:** 2/3 passed (66.7%) | Average passing score: 170.0

Key Insights:

- Two different test versions create complexity in analysis
- Score range 2024-25: 140-185 (45-point spread - largest variability)
- Test 5236 appears slightly more accessible (Cut: 154) than 5235 (Cut: 152), but 5235 has lower cut score

Gender Analysis (2024-2025)

- Males: 2/3 passed (66.7%)
- Females: 5/6 passed (83.3%)

Race/Ethnicity Analysis

2024-2025 (n=9 test attempts, 7 unique students):

- White: 4/4 passed (100%) | Average score: 168.3
- Black or African American: 1/1 passed (100%) | Score: 181

- Asian or Asian American: 2/4 passed (50%) | Average score: 154.0
 - Same student failed both test versions (140, 152)

2023-2024 (n=5):

- White: 2/3 passed (66.7%) | Average: 166.0 (passing scores only)
- Black or African American: 1/1 passed (100%) | Score: 181
- Asian or Asian American: 0/1 passed (0%) | Score: 140

2022-2023 (n=3):

- White: 2/3 passed (66.7%) | Average passing score: 170.0

Key Finding: One Asian student showing persistent difficulty across multiple test attempts and test versions; otherwise relatively strong performance across racial groups.

Chemistry (Grades 7-12)

Tests: Chemistry Content Knowledge (5245) Cut: 151 | Chemistry (5246) Cut: 146

Limited data (2023-2024 only, n=3 test attempts from 2 students):

- Overall: 2/3 test attempts passed (66.7%)
 - White students: 1/2 passed on 5245; 1/1 passed on 5246
 - Significant difference in cut scores between two test versions
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General Science (Grades 7-12)

Tests: General Science Content Knowledge (5435) Cut: 157 | General Science (5436) Cut: 141

2024-2025 (n=2):

- 2/2 passed (100%)
- White: 1/1 on 5435 (178)
- Asian or Asian American: 1/1 on 5436 (141 - exactly at cut score)

2023-2024 (n=4):

- 3/4 passed (75%)

- White: 2/3 passed on 5435 | Average: 162.5
- Asian or Asian American: 1/1 passed on 5436 (141)

2022-2023 (n=6 students, 5 with test data):

- Test 5435: 2/5 passed (40%) | Average score: 149.4
- White: 1/3 passed (33.3%)
- Hispanic or Latino: 0/1 passed (0%) | Score: 136
- More than one race: 1/1 passed (100%) | Score: 160

Key Finding: General Science Content Knowledge (5435) shows low pass rates, particularly in 2022-23. The alternative test (5436) with lower cut score shows 100% pass rate but very limited sample.