**Measure 3 (Initial and Advanced): Candidate competency at completion. (R3.3)**

**Ability of completers to meet licensing requirements Comprehensive Exam results 2023-2024**

1. **Bachelor of Education in Primary Education (B.ED. Prim)**

**1.1 Overall Results by Major for AY 2023-2024 (B.ED. Prim.)**

**Table 1.** B.ED. Prim. Comprehensive Exam scores for AY 2023-2024

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Subject** | **N** | **at Unsatisfactory level (0-8/20)** | **# at Needs Improvement level (9-13/20)** | **# at Satisfactory level (14-16/20)** | **# at Target (17-20/20)** | **% at Unsatisfactory Level** | **% at Satisfactory and Target** | **mean/ 100** |
| **Social Science** | 730 | 0.00% | 0.55% | 7.12% | 92.33% | 0.55% | 99.45% | 95.13 |
| **Arabic\*** | 647 | 0.00% | 0.77% | 10.36% | 88.87% | 0.77% | 99.23% | 94.46 |
| **English\*** | 83 | 0.00% | 14.46% | 44.58% | 40.96% | 14.46% | 85.54% | 79.66 |
| **Islamic** | 730 | 0.00% | 0.96% | 8.22% | 90.82% | 0.96% | 99.04% | 94.00 |
| **Math** | 730 | 0.27% | 7.81% | 16.71% | 75.21% | 8.08% | 91.92% | 88.84 |
| **Science** | 730 | 0.00% | 0.41% | 20.27% | 79.32% | 0.41% | 99.59% | 88.39 |

**\***All students in the program take the same exam in all sections except for the B. Ed in Primary Education - English concentration. The English concentration students do not take the section that measures Arabic language skills; they take a section that measures English language skills.

**Figure 1**. B.ED. Prim, Mean Score by Subject AY 2023-2024

**1.2 Results by Semester and Major (B.ED. Prim)**

**Table 2.** B.ED. Prim. Comprehensive Exam Scores for Fall 2023

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Subject** | **N** | **at Unsatisfactory level (0-8/20)** | **# at Needs Improvement level (9-13/20)** | **# at Satisfactory level (14-16/20)** | **# at Target (17-20/20)** | **% at Unsatisfactory Level** | **% at Satisfactory and Target** | **mean/ 100** |
| **Social Science** | 329 | 0.0% | 0.6% | 7.3% | 92.1% | 0.6% | 99.4% | 95.15 |
| **Arabic\*** | 289 | 0.0% | 0.7% | 9.7% | 89.6% | 0.7% | 99.3% | 94.67 |
| **English\*** | 40 | 0.0% | 12.5% | 45% | 42.5% | 12.5% | 87.5% | 80.38 |
| **Islamic** | 329 | 0.0% | 0.9 | 9.1% | 90% | 0.9% | 99.1% | 93.81 |
| **Math** | 329 | 0.3% | 8.5% | 16.7% | 74.5% | 8.8% | 91.2% | 88.45 |
| **Science** | 329 | 0.0% | 0.3% | 21% | 78.7% | 0.3% | 99.7% | 88.34 |

**\***All students in the program take the same exam in all sections except for the B. Ed in Primary Education - English concentration. The English concentration students do not take the section that measures Arabic language skills; they take a section that measures English language skills.

**Table 3.** B.ED. Prim. Comprehensive Exam Scores for Spring 2024

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Subject** | **N** | **at Unsatisfactory level (0-8/20)** | **# at Needs Improvement level (9-13/20)** | **# at Satisfactory level (14-16/20)** | **# at Target (17-20/20)** | **% at Unsatisfactory Level** | **% at Satisfactory and Target** | **mean/ 100** |
| **Social Science** | 401 | 0.0% | 0.5% | 6.9% | 92.6 % | 0.5% | 99.50% | 95.11 |
| **Arabic\*** | 358 | 0.0% | 0.8 % | 10.9% | 88.3% | 0.8% | 99.20% | 94.26 |
| **English\*** | 43 | 0.0% | 16.3% | 44.2% | 39.5% | 16.3% | 83.70% | 78.95 |
| **Islamic** | 401 | 0.0% | 1.0% | 7.5% | 91.5% | 1.0% | 99.00% | 94.20 |
| **Math** | 401 | 0.0% | 7.5% | 16.7% | 75.8% | 7.5% | 92.50% | 89.23 |
| **Science** | 401 | 0.0% | 0.5% | 19.7% | 79.8% | 0.5% | 99.50% | 88.44 |

**\***All students in the program take the same exam in all sections except for the B. Ed in Primary Education - English concentration. The English concentration students do not take the section that measures Arabic language skills; they take a section that measures English language skills.

**1.3 Comparison by Subject and Semester (B. ED. Prim)**

**Table 4.** B. Ed. Prim. Comprehensive Exam mean scores for fall 2023 and Spring 2024 (Comparison)

|  |  |  |  |
| --- | --- | --- | --- |
| **Subject** | **Fall 2023** | **Spring 2024** | **Overall (AY 2023-2024)** |
| **Social Science** | 95.2 | 95.1 | 95.1 |
| **Arabic\*** | 94.7 | 94.3 | 94.5 |
| **English\*** | 80.4 | 79.0 | 79.7 |
| **Islamic** | 93.8 | 94.2 | 94.0 |
| **Math** | 88.5 | 89.2 | 88.8 |
| **Science** | 88.3 | 88.4 | 88.4 |
| **Overall** | 90.1 | 90.0 | 90.1 |

**Figure 2.** B. Ed. Primary Comprehensive Exam Scores for fall 2023 and Spring 2024 (Mean/100)

**1.4 Comparison by Subject and Academic Year (B. ED. Prim)**

**Table 5.** B. Ed. Prim. Comprehensive Exam mean scores for AY(2021-2022) and AY(2023-2024) (Comparison)

|  |  |  |
| --- | --- | --- |
| **Subject** | **Overall (AY 2021-2022)** | **Overall (AY 2023-2024)** |
| **Social Science** | 96.9 | 95.1 |
| **Arabic\*** | 96.1 | 94.5 |
| **English\*** | 91.1 | 79.7 |
| **Islamic** | 95.6 | 94.0 |
| **Math** | 91.9 | 88.8 |
| **Science** | 90.0 | 88.4 |
| **Overall** | 93.8 | 90.1 |

**Figure 3.** B. Ed. Primary Comprehensive Exam Scores for AY(2021-2022) and AY(2023-2024) (Comparison)

1. **Bachelor of Education in Secondary Education (B. ED. Sec)**
   1. **Overall Results by Major for AY 2023-2024 (B. ED. Sec)**

**Table 6**. B.ED. Sec. Comprehensive Exam scores for AY 2023-2024

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Major** | **N** | **mean** | **Less than 80%** | **80 - 84%** | **85-89%** | **90- 100%** | **At or above 80%** |
| **Arabic** | 174 | 83.94 | 0.00% | 62.07% | 24.71% | 13.22% | 100.00% |
| **English** | 68 | 91.05 | 0.00% | 7.35% | 20.59% | 72.06% | 100.00% |
| **Islamic** | 201 | 82.50 | 0.00% | 82.09% | 14.93% | 2.99% | 100.00% |
| **Math** | 128 | 94.85 | 0.00% | 6.25% | 3.91% | 89.84% | 100.00% |
| **Science** | 148 | 89.03 | 0.00% | 23.65% | 25.68% | 50.68% | 100.00% |
| **Social Studies** | 253 | 88.70 | 0.00% | 14.23% | 38.74% | 47.04% | 100.00% |
| **Total** | 972 | 88.30 | 0.00% | 36.73% | 23.46% | 39.81% | 100.00% |

**Figure 4.** B.ED. Sec. Mean Score by Major AY2023-2024

* 1. **Results by Semester and Major (B.ED. Sec)**

**Table 7.** B.ED. Sec. Comprehensive Exam Scores for Fall 2023

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Major** | **N** | **mean** | **Less than 80%** | **80 - 84%** | **85-89%** | **90- 100%** | **At or above 80%** |
| **Arabic** | 70 | 82.87 | 0% | 74.3% | 22.9% | 2.9% | 100% |
| **English** | 32 | 91.2 | 0% | 6.3% | 21.9% | 71.9% | 100% |
| **Islamic** | 88 | 82.25 | 0% | 85.2% | 12.5% | 2.3% | 100% |
| **Math** | 57 | 95.4 | 0% | 1.8% | 3.5% | 94.7% | 100% |
| **Science** | 63 | 88.7 | 0% | 23.8% | 27.0% | 49.2% | 100.0% |
| **Social Studies** | 108 | 88.23 | 0% | 13.9% | 43.5% | 42.6% | 100% |
| **Total** | 418 | 88.1 | 0% | 38.28% | 23.92% | 37.80% | 100.00% |

**Table 8.** B.ED. Sec. Comprehensive Exam Scores for spring 2024

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Major** | **N** | **mean** | **Less than 80%** | **80 - 84%** | **85-89%** | **90- 100%** | **At or above 80%** |
| **Arabic** | 104 | 85.0 | 0.0% | 53.8% | 26.0% | 20.2% | 100% |
| **English** | 36 | 90.9 | 0.0% | 8.3% | 19.4% | 72.2% | 100% |
| **Islamic** | 113 | 82.7 | 0.0% | 79.6% | 16.8% | 3.5% | 100% |
| **Math** | 71 | 94.3 | 0.0% | 9.9% | 4.2% | 85.9% | 100% |
| **Science** | 85 | 89.3 | 0.0% | 23.5% | 24.7% | 51.8% | 100% |
| **Social Studies** | 145 | 88.7 | 0.0% | 14.5% | 35.2% | 50.3% | 100.0% |
| **Total** | 554 | 88.5 | 0.0% | 35.6% | 23.1% | 41.3% | 100.0% |

* 1. **Comparison by Major and Semester (B. ED. Sec)**

**Table 9.** B. Ed. Sec. Comprehensive Exam mean scores for fall 2023 and Spring 2024 (Comparison)

|  |  |  |  |
| --- | --- | --- | --- |
| **Major** | **Fall 2023** | **Spring 2024** | **Overall (2023-2024)** |
| Arabic | 82.87 | 85.0 | 83.94 |
| English | 91.2 | 90.9 | 91.05 |
| Islamic | 82.25 | 82.7 | 82.50 |
| Math | 95.4 | 94.3 | 94.85 |
| Science | 88.7 | 89.3 | 89.03 |
| Social Studies | 88.23 | 88.7 | 88.70 |
| Total | 88.1 | 88.5 | 88.30 |

**Figure 5.** B. Ed. Secondary Comprehensive Exam Scores for 2023-2024 (comparison)

**2.4 Comparison by Subject and Academic Year (B. Ed. Secondary)**

**Table 10.** B. Ed. Secondary Comprehensive Exam mean scores for AY(2021-2022) and AY(2023-2024) (Comparison)

|  |  |  |
| --- | --- | --- |
| **Major** | **Overall (2021-2022)** | **Overall (2023-2024)** |
| Arabic | 85.2 | 83.94 |
| English | 92 | 91.05 |
| Islamic | 84.4 | 82.50 |
| Math | 94 | 94.85 |
| Science | 88.6 | 89.03 |
| Social Studies | 84.8 | 88.70 |
| Total | 86.8 | 88.30 |

**Figure 6.** B. B. Ed. Secondary Comprehensive Exam Scores for AY(2021-2022) and AY(2023-2024) (Comparison)

1. **Math Competent Results**
   1. **Overall mean Scores for Math competent (AY 2023-2024).**

**Table 11.** Weighted Mean Scores (%) and S.D for Math competent (AY 2023-2024)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Math components** | **Weighted mean/100 (n=128 )** | **Standard Deviation** | **95.0% lower CL** | **95.0% Upper CL** |
| **Number and operations** | 90.4% | 13.2% | 87.2% | 93.7% |
| **Algebra** | 97.1% | 6.5% | 95.4% | 98.7% |
| **Geometry and Trigonometry** | 97.7% | 5.5% | 96.4% | 99.1% |
| **Statistics and Probability** | 97.4% | 5.2% | 96.1% | 98.6% |
| **Calculus** | 96.2% | 7.2% | 94.5% | 98.0% |
| **Discrete Mathematics** | 97.9% | 5.5% | 96.5% | 99.3% |
| **Pedagogy** | 90.5% | 10.8% | 87.8% | 93.2% |
| **Total** | 94.6% | 4.6% | 93.4% | 95.9% |

**Figure 7.** Weighted Mean Scores (%) for Math competent.

* 1. **Overall mean Scores for Math competent by semester**

**Table 12.** Weighted Mean Scores (%) and S.D for Math competent (Fall 2023)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Math components** | **Weighted mean/100 (n=57 )** | **Standard Deviation** | **95.0% lower CL** | **95.0% Upper CL** |
| **Number and operations** | 92.5% | 10.5% | 89.8% | 95.3% |
| **Algebra** | 98.3% | 4.7% | 97.0% | 99.5% |
| **Geometry and Trigonometry** | 98.7% | 3.4% | 97.8% | 99.6% |
| **Statistics and Probability** | 98.1% | 4.0% | 97.0% | 99.1% |
| **Calculus** | 96.9% | 6.4% | 95.2% | 98.6% |
| **Discrete Mathematics** | 98% | 5.5% | 96.5% | 99.4% |
| **Pedagogy** | 89.7% | 11.1% | 86.7% | 92.6% |
| **Total** | 95.4% | 3.7% | 94.4% | 96.4% |

**Table 13.** Weighted Mean Scores (%) and S.D for Math competent (Spring 2024)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Math components** | **Weighted mean/100 (n=71 )** | **Standard Deviation** | **95.0% lower CL** | **95.0% Upper CL** |
| **Number and operations** | 88.4% | 16.0% | 84.6% | 92.2% |
| **Algebra** | 95.9% | 8.4% | 93.9% | 97.8% |
| **Geometry and Trigonometry** | 96.7% | 7.6% | 94.9% | 98.5% |
| **Statistics and Probability** | 96.6% | 6.3% | 95.1% | 98.1% |
| **Calculus** | 95.6% | 7.9% | 93.7% | 97.5% |
| **Discrete Mathematics** | 97.9% | 5.6% | 96.6% | 99.2% |
| **Pedagogy** | 91.3% | 10.6% | 88.8% | 93.8% |
| **Total** | 93.9% | 5.5% | 92.4% | 95.3% |

* 1. **Comparison Mean score for Math competent by Semester.**

**Table 14.** Comparison Weighted Mean Scores (%) and for Math competent between fall 2023 and Spring 2024.

|  |  |  |  |
| --- | --- | --- | --- |
| **Math components** | **Fall 2023** | **Spring 2024** | **Overall (2023-2024)** |
| **Number and operations** | 92.5% | 88.4% | 90.4% |
| **Algebra** | 98.3% | 95.9% | 97.1% |
| **Geometry and Trigonometry** | 98.7% | 96.7% | 97.7% |
| **Statistics and Probability** | 98.1% | 96.6% | 97.4% |
| **Calculus** | 96.9% | 95.6% | 96.2% |
| **Discrete Mathematics** | 98% | 97.9% | 97.9% |
| **Pedagogy** | 89.7% | 91.3% | 90.5% |
| **Total** | 95.4% | 93.9% | 94.6% |

**Figure 8.** Comparison Weighted Mean Scores (%) and for Math competent between fall 2023 and Spring 2024

* 1. **Comparison Mean score for Math competent by Academic Year.**

**Table 15.** Comparison Weighted Mean Scores (%) and for Math competent between AY(2021-2022) and AY(2023-2024).

|  |  |  |
| --- | --- | --- |
| **Math components** | **Overall (2021-2022)** | **Overall (2023-2024)** |
| **Number and operations** | 91% | 90.4% |
| **Algebra** | 100% | 97.1% |
| **Geometry and Trigonometry** | 98% | 97.7% |
| **Statistics and Probability** | 99% | 97.4% |
| **Calculus** | 99% | 96.2% |
| **Discrete Mathematics** | - | 97.9% |
| **Pedagogy** | 82% | 90.5% |
| **Total** | 94% | 94.6% |

**Figure 9.** Comparison Weighted Mean Scores (%) and for Math competent between AY(2021-2022) and AY(2023-2024).

1. **Bachelor of Education in Special Needs (B. ED. S. N.)**
   1. **Comparison of Comprehensive Exam Scores between AY(2021-2022) and AY(2023-2024).**

**Table 16**. B.ED. S. N. Comprehensive Exam Scores for AY(2021-2022) and AY(2023-2024).

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Academic Year** | **N** | **mean** | **Less than 80%** | **80 - 84%** | **85-89%** | **90- 100%** | **At or above 80%** |
| **AY 2021-2022** | 35 | 89.3 | 8.57% | 20.00% | 25.71% | 45.71% | 91.43% |
| **AY 2023-2024** | 24 | 87.3 | 0.0% | 29.2% | 45.8% | 25.0% | 100% |

**Figure 10.** Comparison of Comprehensive Exam Scores between AY(2021-2022) and AY(2023-2024).

1. **Bachelor of Physical Education (B. Ph. ED. )**
   1. **Comprehensive Exam scores for spring 2024 (B. Ph. ED.)**

**Table 17**. B.Ph. ED. Comprehensive Exam scores for spring 2024

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Major** | **N** | **mean** | **Less than 80%** | **80 - 84%** | **85-89%** | **90- 100%** | **At or above 80%** |
| **Physical Education** | 60 | 88.1 | 0.0% | 30.0% | 20.0% | 50.0% | 100% |

1. **Bachelor of Art Education (B. A. ED. )**
   1. **Comprehensive Exam scores for spring 2024 (B. A. ED.)**

**Table 18**. B.A. ED. Comprehensive Exam scores for spring 2024

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Major** | **N** | **mean** | **Less than 80%** | **80 - 84%** | **85-89%** | **90- 100%** | **At or above 80%** |
| **Art Education** | 17 | 86.6 | 0.0% | 35.3% | 35.3% | 29.4% | 100% |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Diploma of Secondary Education** | N | mean | less than 80% | 80 - 84% | 85- 89% | 90 100% | At or above 80% |
| Islamic Studies | 3 | 85.75% |  | 2 | 1 |  | 3 |
| Arabic Studies | 4 | 82% |  | 2 | 1 | 1 | 4 |
| Total | 7 | 84% |  | 4 | 2 | 1 | 7 |

1. **Diploma of Secondary Education**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Diploma of Secondary Education** | N | mean | less than 80% | 80 - 84% | 85- 89% | 90 100% | At or above 80% |
| Islamic Studies | 3 | 85.75% |  | 2 | 1 |  | 3 |
| Arabic Studies | 4 | 82% |  | 2 | 1 | 1 | 4 |
| Total | 7 | 84% |  | 4 | 2 | 1 | 7 |

1. **Diploma of Primary Education**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Diploma of Primary Education** | N | mean | less than 80% | 80 - 84% | 85- 89% | 90 100% | At or above 80% |
| English | 1 | 92% |  |  |  | 1 | 1 |
| Islamic Studies | 2 | 84% |  | 1 | 1 |  | 2 |
| Arabic Studies | 3 | 89% |  |  | 2 | 1 | 3 |
| Social Studies | 2 | 84.5% |  | 1 | 1 |  | 2 |
| Science | 2 | 81% |  | 2 |  |  | 2 |
| Total | 10 | 86% |  | 4 | 4 | 2 | 10 |

1. **Diploma of Special Education**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Major | N | mean | less than 80% | 80 - 84% | 85- 89% | 90 100% | At or above 80% |
| Diploma of Special Education | 13 | 84% |  | 8 | 4 | 1 | 13 |
| Total | 13 | 84% | 0 | 61% | 30% | 0.07% | 100% |

1. **Diploma of Early Childhood**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Major | N | mean | less than 80% | 80 - 84% | 85- 89% | 90 100% | At or above 80% |
| The Master of Education in Special Education | 7 | 82% | 0 | 7 | 0 | 0 | 7 |
| The Master of Education in Educational Leadership | 6 | 81% | 0 | 6 | 0 | 0 | 6 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Major | N | mean | less than 80% | 80 - 84% | 85- 89% | 90 100% | At or above 80% |
| **Diploma of Early Childhood** | 6 | 84% |  | 3 | 3 |  | 6 |
| Total | 6 | 84% | 0 | 50% | 50% | 0 | 100% |

**Advanced Programs**