

**Table 4.1 - Standard 4 Student Learning Assessment
Bachelor in Business Administration**

Approach	Deployment	Results	Analysis of the results	Improvement	Table																																																																														
<p>CPC all:At the systemic level, it is expected to obtain a higher average, both by individual component and in general, than the average of all the Units of the UPR System. Using as mean to comparison the same year under analysis or the mean most recent year for which the data is available.</p> <p>At the last level of learning assessment, the cognitive mastery of learning during the last year of study should be assessed to demonstrates competency in the main functions of managing a business: accounting, finance, management, marketing, globalization, business law, economics, statistics, ethics and information systems.</p>	<p>Systemic Standard Test (ExAEE): The ExAEE is a multidisciplinary exam, consisting of 100 multiple-choice questions in the Spanish language, aimed at the ten basic business concepts.</p> <p>standardized test, direct, summative, internal and comparative measure.</p>	<p>In 2021-2022, the goal was not reached, with 3.12% of the average below. In 7 of 10 components it was also not attained.</p> <p>In the years 2022-2023 as well as compared to the total average of the system for the year 2020-2021 used as the base year, our students performed better than the system average.by business component, except in management, economy and information systems.</p> <p>In the academic year 2023-2024 by business component, except in management, as well as compared to the total average of the system for the year 2020-2021 used as the base year, our students performed better than the system average.</p>	<p>A new version of the exam was available for 2021-2022 and it was decided to re-administer to students. As the importance of the instrument has been instructed, student participation has increased, and their performance in the exam has also improved. In two of the components that did not exceed the average: economic and information system, the main courses are not offered by the Department of Business Administration. However, in management in none of the years was the average exceeded and it is the subject that at the level of core courses the curriculum has the highest credit.</p>	<p>It is recommended to continue administering the new institutional assessment exam annually to compare the results with prior years and to determine if the students improved their performance. The results will be discussed with the faculty of the Business Administration Department for the purpose of analysing and implementing the pertinent corrective measures in our courses and the courses offered by others Department.</p>	<table border="1"> <thead> <tr> <th colspan="5">Institutional Assessment Test -Business Administration Program</th> </tr> <tr> <th colspan="2" rowspan="2">RESULTS BY MAJOR</th> <th colspan="3">UPR-Arecibo Mean</th> </tr> <tr> <th>2021-2022</th> <th>2022-2023</th> <th>2023-2024</th> </tr> <tr> <th>Component</th> <th>UPR Systematic Mean</th> <th>n=23</th> <th>n=24</th> <th>n=29</th> </tr> </thead> <tbody> <tr> <td>Accounting</td> <td>5.99</td> <td>6.33</td> <td>6.54</td> <td>6.72</td> </tr> <tr> <td>Finance</td> <td>6.12</td> <td>5.49</td> <td>6.29</td> <td>7.07</td> </tr> <tr> <td>Management</td> <td>7.52</td> <td>7.29</td> <td>7.08</td> <td>7.28</td> </tr> <tr> <td>Marketing</td> <td>6.11</td> <td>5.69</td> <td>7.00</td> <td>7.52</td> </tr> <tr> <td>International Trade</td> <td>7.20</td> <td>6.62</td> <td>7.29</td> <td>7.79</td> </tr> <tr> <td>Commercial Law</td> <td>5.50</td> <td>5.80</td> <td>5.79</td> <td>7.34</td> </tr> <tr> <td>Economy</td> <td>6.23</td> <td>6.31</td> <td>6.00</td> <td>7.34</td> </tr> <tr> <td>Statistics</td> <td>5.29</td> <td>5.02</td> <td>5.75</td> <td>6.45</td> </tr> <tr> <td>Ethics</td> <td>7.59</td> <td>7.09</td> <td>8.00</td> <td>8.52</td> </tr> <tr> <td>Info Technology</td> <td>6.90</td> <td>6.80</td> <td>6.88</td> <td>7.55</td> </tr> <tr> <td>Overall Mean</td> <td>6.45</td> <td>6.24</td> <td>6.66</td> <td>7.36</td> </tr> <tr> <td colspan="2"><i>mean % above/below (base 2021-22)</i></td> <td>-3.12%</td> <td>3.37%</td> <td>14.18%</td> </tr> </tbody> </table>	Institutional Assessment Test -Business Administration Program					RESULTS BY MAJOR		UPR-Arecibo Mean			2021-2022	2022-2023	2023-2024	Component	UPR Systematic Mean	n=23	n=24	n=29	Accounting	5.99	6.33	6.54	6.72	Finance	6.12	5.49	6.29	7.07	Management	7.52	7.29	7.08	7.28	Marketing	6.11	5.69	7.00	7.52	International Trade	7.20	6.62	7.29	7.79	Commercial Law	5.50	5.80	5.79	7.34	Economy	6.23	6.31	6.00	7.34	Statistics	5.29	5.02	5.75	6.45	Ethics	7.59	7.09	8.00	8.52	Info Technology	6.90	6.80	6.88	7.55	Overall Mean	6.45	6.24	6.66	7.36	<i>mean % above/below (base 2021-22)</i>		-3.12%	3.37%	14.18%
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<p>It is expected that 100% of students will score a minimum of 70% in the test.</p> <p>CPC ALL: At the last level of learning assessment, the cognitive mastery of learning during the last year of study should be assessed to demonstrates competency in the main functions of managing a business: accounting, finance, management, marketing, globalization, business law, economics, statistics, ethics and information systems.</p>	<p>The exam was prepared in coordination with the UPR units that have Business Administration programs accredited by ACBSP. The results of this methodology allow the comparison of the performance of our students with the results available of other students of the UPR system,</p> <p>standardized test, direct, summative, internal and direct measure.</p>	<p>In 2021-2022, the general average was 58%. Of the 23 participating students, 30.43% (7/23) attained 70% or higher on the test and no student scored 90% or higher.</p> <p>In 2022-2023, the general average was 66.58%. Of the 24 participating students, 50% (12/24) attained 70% or higher on the exam and 4.17% (1/24 students) scored 90% or higher.</p> <p>In 2023-2024, the general average was 74%. Of the 29 participating students, 65.52% (19/29) scored 70% or higher on the exam and 31.02% (9/29 students) scored 90% or higher.</p>	<p>During the 2021-2022 and 2022-2023 academic years, performance goals have not been achieved. In 2023-2024 by a low margin it was achieved. A new version of the exam was available for 2021-2022 and it was decided to re-administer it to students. As the importance of the instrument has been instructed, student participation has increased, and their performance in the exam has also improved.</p>	<p>The results will be discussed with the faculty of the Business Administration Department for the purpose of analyzing and implementing the pertinent corrective measures in our courses and the courses offered by others Department.</p>	<table border="1"> <thead> <tr> <th colspan="4">Institutional Assessment Test - Business Administration Program</th> </tr> <tr> <th rowspan="2">Results by students</th> <th>2021-2022</th> <th>2022-2023</th> <th>2023-2024</th> </tr> <tr> <th>n=23</th> <th>n=24</th> <th>n=29</th> </tr> </thead> <tbody> <tr> <td>overall average</td> <td>58.00%</td> <td>66.58%</td> <td>74.00%</td> </tr> <tr> <td>> 90%</td> <td>0.00%</td> <td>50.00%</td> <td>31.03%</td> </tr> <tr> <td>> 70%</td> <td>30.43%</td> <td>4.17%</td> <td>65.52%</td> </tr> </tbody> </table>	Institutional Assessment Test - Business Administration Program				Results by students	2021-2022	2022-2023	2023-2024	n=23	n=24	n=29	overall average	58.00%	66.58%	74.00%	> 90%	0.00%	50.00%	31.03%	> 70%	30.43%	4.17%	65.52%																																																							
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