

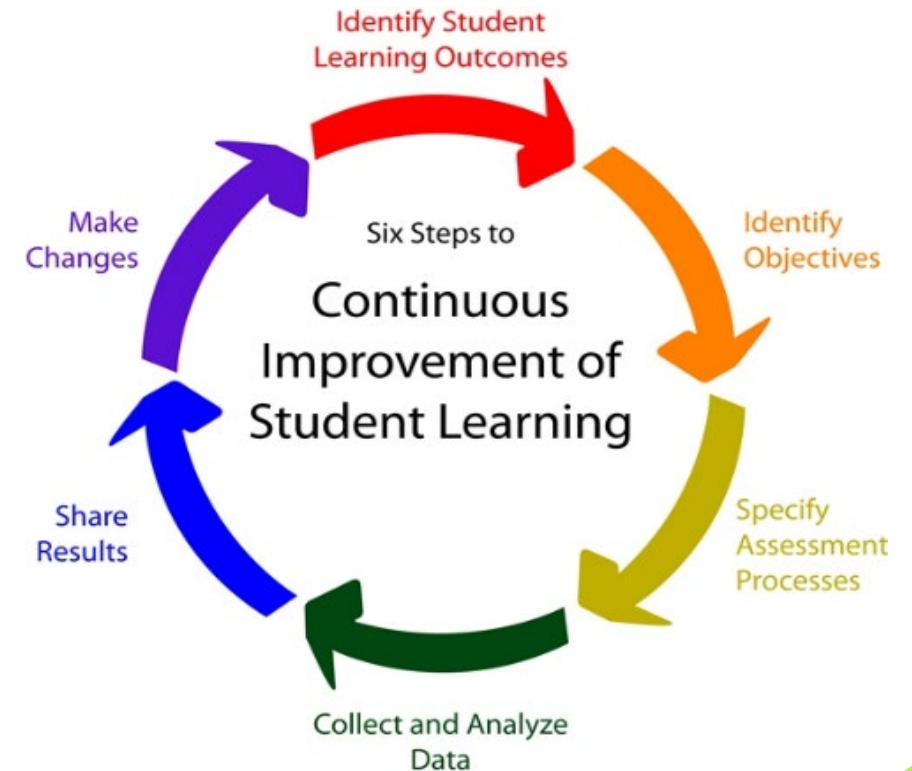
# **Business Administration Assessment**



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# Assessing & Evaluating Your Program Outcomes

- ◆ Assessment of learning outcomes is a key requirement for both institutional accreditation and programmatic certification.
- ◆ The challenge is finding the right assessment tool that is flexible, comprehensive, and affordable with an external comparison that corresponds to the program.



# Business Administration Assessment

**A customizable, program-level assessment solution with in-depth reporting and data analysis to help satisfy assurance of learning requirements.**





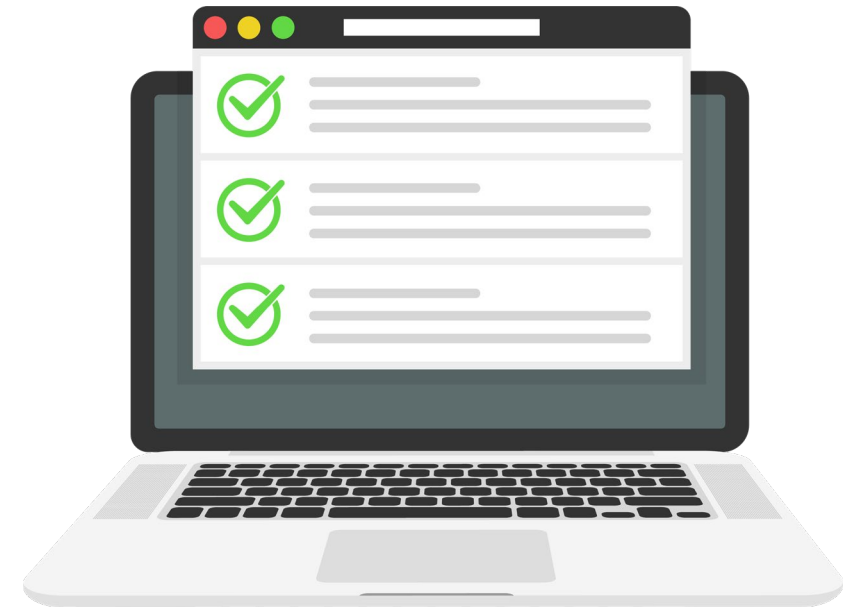
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# Key Features



# The BUS Assessment

- ◆ Measures retained student knowledge associated with the program's learning outcomes.
- ◆ Designed to address programmatic accreditation requirements related to learning outcomes assessment, quality assurance, and external academic benchmarking.
- ◆ Is a normed, summative assessment solution for Business Administration (BUS) academic programs used for internal and external programmatic evaluations.



# The Accreditation Relationship

The BUS assessment solution addresses programmatic and institutional accreditation requirements related to:



**Learning Outcomes | Quality Assurance | Direct Measurement |  
Programmatic Evaluation**

# Key Features

1. Customizable at the topic level.
2. Integrate directly into the learning management system (LMS) for seamless delivery to the students and automated gradebook posting.
3. Choose from three test banks: undergraduate, master's, and doctoral.
4. Unlimited access to the individual student results and analysis reports.
5. Benchmarking of scores with other institutions based on institutional demographics.
6. Online assessment with security features and no proctoring requirement.



# 13 Business Administration Topics

Each BUS Topic has 4-8 Subjects

1. Accounting
2. Business Communications
3. Business Ethics
4. Business Finance
5. Business Integration and Strategic Management
6. Business Leadership
7. Economics (including subtopics in)
  - ◇ Macroeconomics
  - ◇ Microeconomic
8. Global Dimensions of Business
9. Information Management Systems
10. Legal Environment of Business
11. Management (including subtopics in)
  - ◇ Human Resource Management
  - ◇ Operations/Production Management
  - ◇ Organizational Behavior
12. Marketing
13. Quantitative Techniques and Statistics

# Additional Topics

These topics are often used in conjunction with a core BUS program exam to assess the specialization or concentration.

1. Marketing
2. Human Resource Management
3. Real Estate
4. Homeland Security
5. Public Administration
6. Healthcare Administration
7. Accounting and Finance
8. Criminal Justice
9. Sport Management

You can develop additional topics specific to your program.

# Customization for Program Alignment

Program managers select the topics that apply to their specific program(s).



In most situations, an associate level exam will include 4-6 topics, a bachelor level exam will include 10-12 topics, and a graduate-level exam will include 8-10 topics.



Topic selection depends upon the learning outcomes and program curriculum. The exam generates 10 questions per topic.



# Topic and Subject Levels

## Business Finance



- ◆ Asset Valuation and Inventory
- ◆ Balance Sheets and Financial Statements
- ◆ Business Analysis Ratios and Calculations
- ◆ Interest and Dividends
- ◆ Profit, Loss, Cash Flow, and Margins
- ◆ Stocks and Bonds
- ◆ Tax Rates, Taxes, and Tax Code

# The Inbound-Outbound Assessment Approach

- ◆ Students complete an inbound exam early in the program and then an outbound exam toward the end of the program. The comparison of inbound and outbound exam scores is the direct measure of learning.
- ◆ A detailed analysis of the exam results is used for evaluating learning outcomes. The comparison of the cumulative results with other institutions is used for academic benchmarking.
- ◆ If your student body demographics have not changed significantly, inbound and outbound exams can be administered concurrently for statistically valid comparisons.



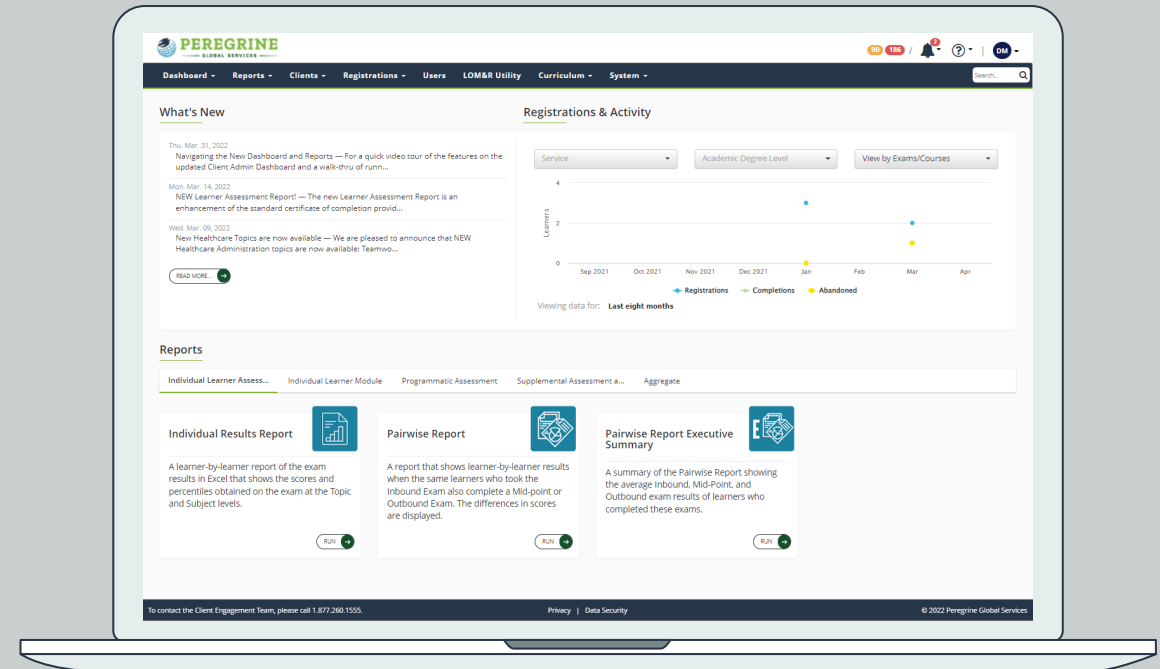


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# Reports and Data

# Client Admin Dashboard

- ◆ School officials have unlimited access to a Client Admin Dashboard where they can:
  - Track student registration and progress
  - Generate individual & summative reports
  - Manage reports
  - Discover Peregrine news and updates



# Individual Reports



## Individual Results Report



## Pairwise Report



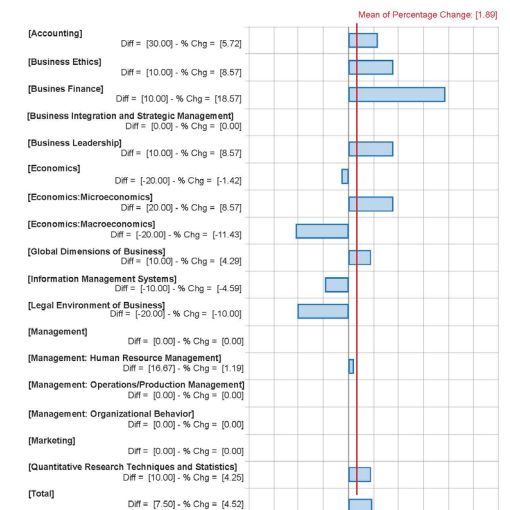
## Pairwise Executive Summary Report

A	B	C	D	E	F	G	H
1	Your Learning Institution						
2	Assessment Period: 6/1/2016 - 7/1/2016						
3	Academic Level: Bachelors						
4	Course: Bachelors CPC Exam						
5	Number of Exams: 113						
6	Course	Timeline	Program	Operating	Program	Program	Program
7	1 Bachelors CPC Exam	Outbound	Adult Degr				
8	2 Bachelors CPC Exam	Outbound	Adult Degr				
9	3 Bachelors CPC Exam	Outbound	Adult Degr				
10	4 Bachelors CPC Exam	Outbound	Adult Degr				
11	5 Bachelors CPC Exam	Outbound	Adult Degr				
12	6 Bachelors CPC Exam	Outbound	Traditional				
13	7 Bachelors CPC Exam	Outbound	Adult Degr				
14	8 Bachelors CPC Exam	Outbound	Adult Degr				
15	9 Bachelors CPC Exam	Outbound	Traditional				
16	10 Bachelors CPC Exam	Outbound	Adult Degr				
17	11 Bachelors CPC Exam	Outbound	Adult Degr				
18	12 Bachelors CPC Exam	Outbound	Adult Degr				
19	13 Bachelors CPC Exam	Outbound	Adult Degr				
20	14 Bachelors CPC Exam	Outbound	Adult Degr				
21	15 Bachelors CPC Exam	Outbound	Adult Degr				
22	16 Bachelors CPC Exam	Outbound	Adult Degr				
23	17 Bachelors CPC Exam	Outbound	Adult Degr				
24	18 Bachelors CPC Exam	Outbound	Adult Degr				
25	19 Bachelors CPC Exam	Outbound	Traditional				
26	20 Bachelors CPC Exam	Outbound	Traditional				
27	21 Bachelors CPC Exam	Outbound	Traditional				
28	22 Bachelors CPC Exam	Outbound	Traditional				
29	23 Bachelors CPC Exam	Outbound	Adult Degr				
30	24 Bachelors CPC Exam	Outbound	Traditional				
31	25 Bachelors CPC Exam	Outbound	Adult Degr				
32	26 Bachelors CPC Exam	Outbound	Traditional				
33	27 Bachelors CPC Exam	Outbound	Adult Degr				
34	28 Bachelors CPC Exam	Outbound	Adult Degr				
35	29 Bachelors CPC Exam	Outbound	Traditional				
36	30 Bachelors CPC Exam	Outbound	Adult Degr				
37	31 Bachelors CPC Exam	Outbound	Adult Degr				

### Pairwise Executive Summary Report - [Institution Name]

#### Report Summary - Percentage Change

Sample Size: 100



Percentage Change of Inbound Exam Scores Percentage Change of Outbound Exam Scores

[Month, Day, Year] Peregrine Global Services

# Programmatic Evaluation Reports



**Internal Analysis Report**



**Internal Analysis Executive Summary**



**Longitudinal Analysis Report**



**External Comparison Report**



**External Comparison Executive Summary**



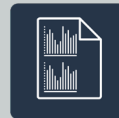
**Program/Cohort Comparison Report**



**Gap Analysis Report (NEW)**



**Response Distractor Report**



**Learner Comparison Report**



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# Supplemental & Aggregate Reports



Student Exit Survey



Grade Scale Report



Aggregate Extraction Report



Aggregate Schools Report

Grade Scale Report - [Institution Name]

Percentile	Exam Total Score	Letter Grade on a 60-100% Scale	Letter Grade on a 65-100% Scale
99	82	A	
98	80	A	
97	79	A	
96	78	A	
95	77	A	
94	76	A	
93	75	A-	
92	74	A-	
91	73	A-	
90	73	A-	
89	72	B+	
88	72	B+	
87	72	B+	
86	72	B	
85	71	B	
84	71	B	
83	70	B	
82	70	B-	
81	69	B-	
80	68	B-	
79	68	C+	
78	68	C+	
77	68	C+	
76	68	C	
75	67	C	
74	67	C	
73	66	C	
72	65	C-	
71	65	C-	
70	65	C-	
69	64	D+	
68	64	D+	
67	63	D+	
66	63	D	
65	63	D	
64	62	D	
63	62	D	
62	62	D-	
61	62	D-	
60	62	D-	
59	62	F	

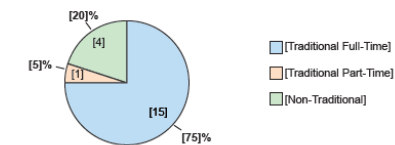
[Month, Day, Year]

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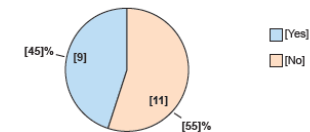
Student Survey Report - [Institution Name]

[Section I: Respondant Demographics]

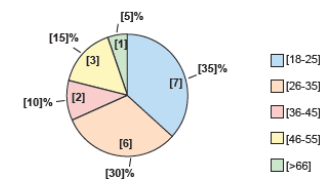
Question: Student Status



Question: Were you a transfer student to the school with more than 20 credit hours?



Question: Your Age



[Month, Day, Year]

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# Individual Results Report

The Individual Results Report is used to summarize student results in Excel format.

The Excel file includes student information, topic score, total score, duration in minutes, time away from exam, number of times the exam was abandoned, and percentile rank.

	A	B	C	D	E	F	G	H
1	Your Learning Institution							
2	Assessment Period: 6/1/2016 - 7/1/2016							
3	Academic Level: Bachelors							
4	Course: Bachelors CPC Exam							
5	Number of Exams: 113							
6		Course	Timeline	Program	Operations	Cohort	Majors (V.)	Faculty
7	1	Bachelors CPC Exam	Outbound		Adult Degree Program		Management	
8	2	Bachelors CPC Exam	Outbound		Adult Degree Program		Management	
9	3	Bachelors CPC Exam	Outbound		Adult Degree Program		Accounting	
10	4	Bachelors CPC Exam	Outbound		Adult Degree Program		Management	
11	5	Bachelors CPC Exam	Outbound		Adult Degree Program		Management	
12	6	Bachelors CPC Exam	Outbound		Traditional Undergraduate		Marketing	
13	7	Bachelors CPC Exam	Outbound		Adult Degree Program		Management	
14	8	Bachelors CPC Exam	Outbound		Adult Degree Program		Management	
15	9	Bachelors CPC Exam	Outbound		Traditional Undergraduate		Entertainment, Sports Promotion & M	
16	10	Bachelors CPC Exam	Outbound		Adult Degree Program		Management	
17	11	Bachelors CPC Exam	Outbound		Adult Degree Program		Management	
18	12	Bachelors CPC Exam	Outbound		Adult Degree Program		Management	
19	13	Bachelors CPC Exam	Outbound		Adult Degree Program		Management	
20	14	Bachelors CPC Exam	Outbound		Adult Degree Program		Health Care Management	
21	15	Bachelors CPC Exam	Outbound		Adult Degree Program		Management	
22	16	Bachelors CPC Exam	Outbound		Adult Degree Program		Management	
23	17	Bachelors CPC Exam	Outbound		Adult Degree Program		Management	
24	18	Bachelors CPC Exam	Outbound		Adult Degree Program		Automotive Marketing & Management	
25	19	Bachelors CPC Exam	Outbound		Traditional Undergraduate		International Business	
26	20	Bachelors CPC Exam	Outbound		Traditional Undergraduate		International Business	
27	21	Bachelors CPC Exam	Outbound		Traditional Undergraduate		Management	
28	22	Bachelors CPC Exam	Outbound		Traditional Undergraduate		Finance	
29	23	Bachelors CPC Exam	Outbound		Adult Degree Program		Management	
30	24	Bachelors CPC Exam	Outbound		Traditional Undergraduate		International Business	
31	25	Bachelors CPC Exam	Outbound		Adult Degree Program		Management	
32	26	Bachelors CPC Exam	Outbound		Traditional Undergraduate		Automotive Marketing & Management	
33	27	Bachelors CPC Exam	Outbound		Adult Degree Program		Management	
34	28	Bachelors CPC Exam	Outbound		Adult Degree Program		Entertainment, Sports Promotion & M	
35	29	Bachelors CPC Exam	Outbound		Traditional Undergraduate		Finance	
36	30	Bachelors CPC Exam	Outbound		Adult Degree Program		Management	
37	31	Bachelors CPC Exam	Outbound		Adult Degree Program		Accounting	

# Pairwise Report

The Pairwise Report is used when the institution administers both inbound and outbound exams.

When the student completes the outbound exam, his/her score can be paired with the inbound exam result.



# Internal Analysis Report

A report of a selected group of exams with the selection of one aggregate pool at a time with both an analysis of means and an analysis of the frequency correct.

School results are compared at the topic and subject levels based on percent scores and percentile rankings to determine if student performance is below, at, or above desired thresholds established by the school.

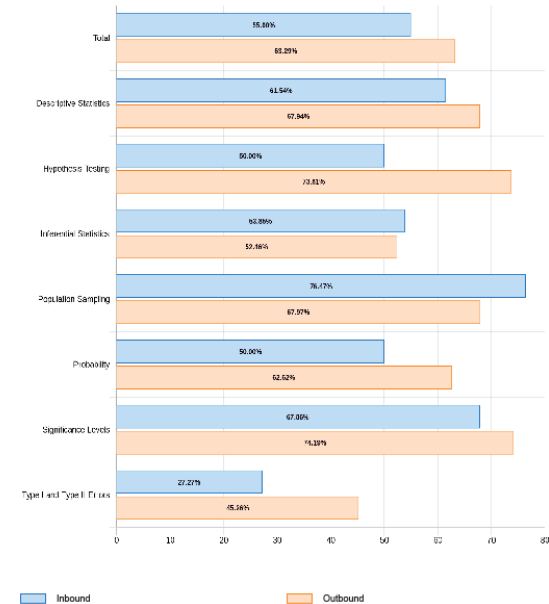
## Internal Analysis Report — Peregrine University Bachelors Business Administration

### Management - Inbound Exam Summary

Subject	Result for this Report's Dataset		Data for the Selected Aggregate Pool		Percentile Rank for this Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	No. Questions Offered	Frequency Correct	No. Questions Offered	Frequency Correct		25th	45th	65th	85th
Continuous Improvement	20	55.00%	32,869	40.86%	93	35.00%	39.47%	43.59%	50.00%
Corporate Culture and Climate	15	60.00%	34,881	44.40%					
Cost Control	21	52.38%	31,958	43.51%					
Data Analysis Tools	11	27.27%	32,430	39.86%					
HR Manager Roles and Responsibilities	16	68.75%	31,051	47.36%					
HR Planning	13	46.15%	34,047	50.50%					
Individual and Group	14	92.86%	35,784	47.67%					

## Internal Analysis Report — Peregrine University Bachelors Business Administration

### Quantitative Research Techniques and Statistics - Comparison of Inbound Exam Results with Outbound Exam Results



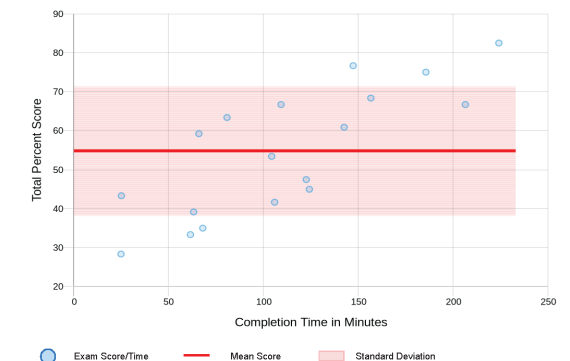
March 17, 2022

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## Internal Analysis Report — Peregrine University Bachelors Business Administration

### Inbound Exam Completion Time and Total Result Summary



	Peregrine University	Located Inside the U.S.
Sample Size	18	61,890
Mean Completion Time	112.13 minutes	51.95 minutes
Mean Score	54.77%	44.32%
Max Score	82.50%	N/A
Min Score	28.33%	N/A
Standard Deviation	16.27	5.97

\* Results are sorted by number of minutes taken to complete the exam.

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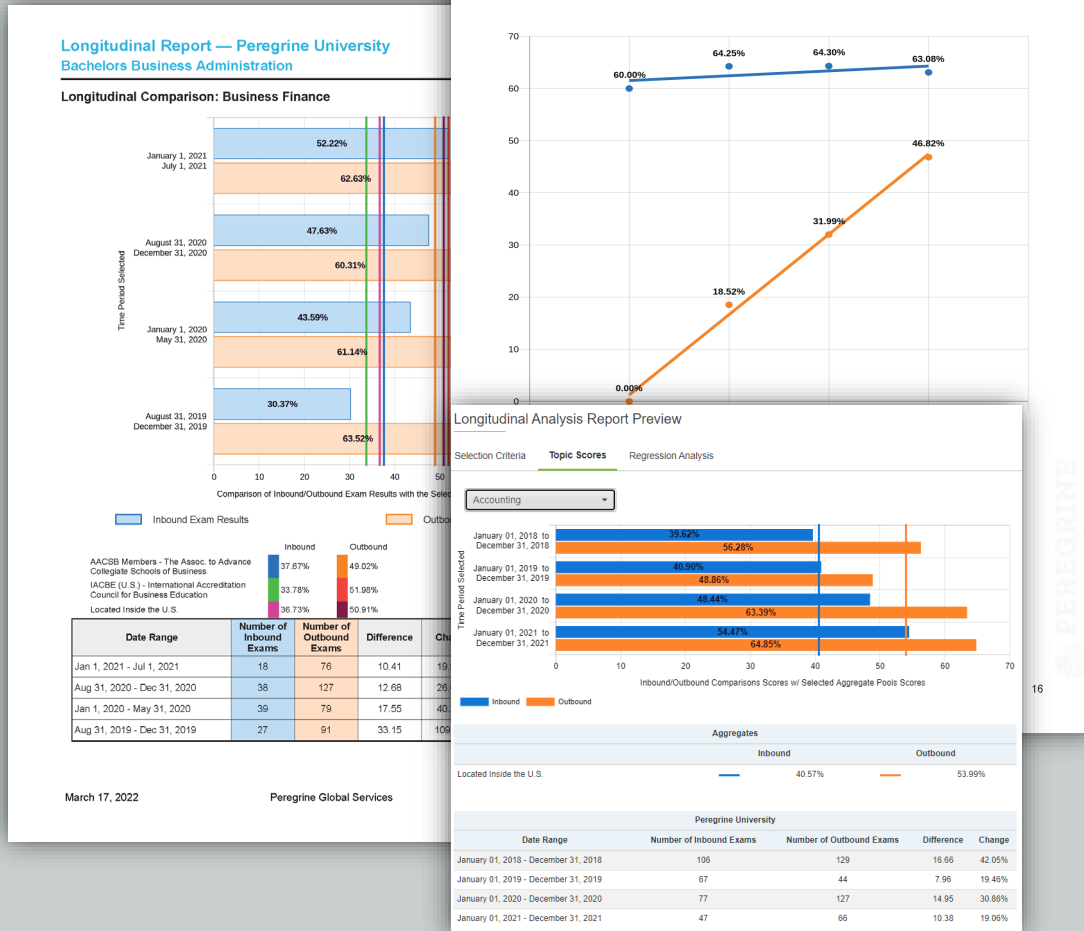
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# Longitudinal Report

The Longitudinal Report is used to analyze 2-4 sets of results over time.

Regression analysis helps school officials understand the effect of changes to the program over time.



# External Comparison Report

A report of a selected group of exams comparing the results against one or more aggregate pools.

Choose from up to 5 different aggregate pools to compare against the school's results for external benchmarking.

## External Comparison Report -

Comparison of Exam Total Score and Topic Scores Percentage Change with the Selected Aggregate Pools

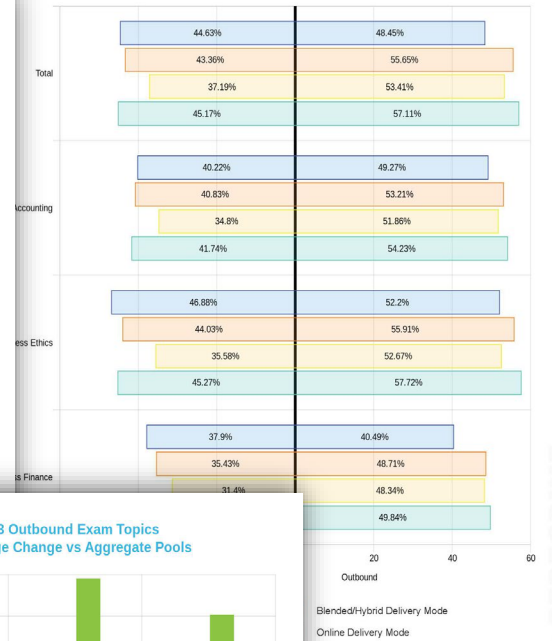


April 08, 2021

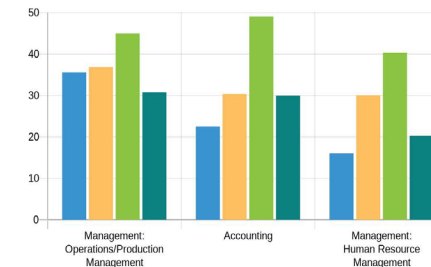
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## External Comparison Report -

Comparison of Total Score and Topic Scores with Selected Aggregate Pools



## Top 3 Outbound Exam Topics Percentage Change vs Aggregate Pools



School/Aggregate	Management: Operations/Production Management	Accounting	Management: Human Resource Management
Traditional/Campus-based Delivery Mode	45%	30%	30%
Blended/Hybrid Delivery Mode	37%	30%	30%
Online Delivery Mode	31%	30%	20%

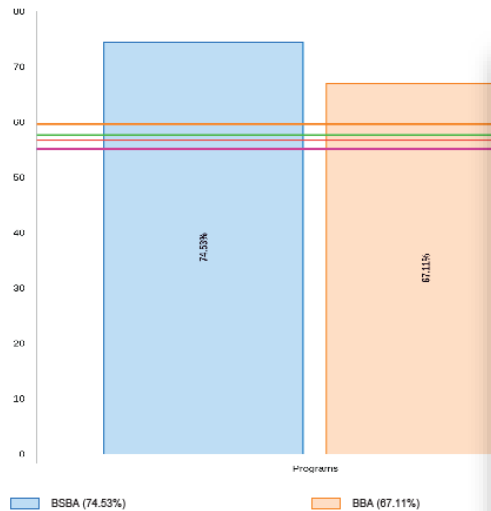
# Program or Cohort Report

## Program/Cohort Report — Peregrine University Bachelors Business Administration

Program/Cohort Comparison: Outbound, Management: Organizational Behavior

### Selected Aggregate Pools

- AACSB Members - The Assoc. to Advance Collegiate Schools of Business (55.09%)
- IACBE (U.S.) - International Accreditation Council for Business Education (59.64%)
- Located Inside the U.S. (57.62%)
- Privately Owned - Not-for-Profit (56.72%)
- Traditional/Campus-based Delivery Mode (55.19%)



March 17, 2022

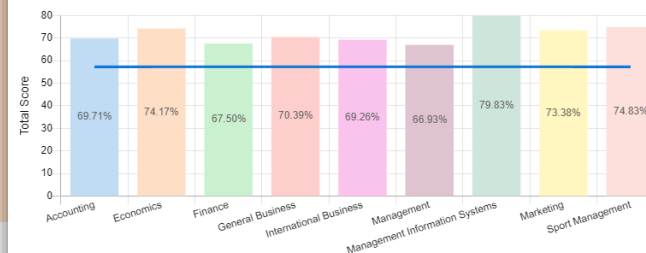
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## Program/Cohort Analysis Report Preview

Selection Criteria Cohort Summary

Total (Outbound)

### Cohorts - Total (Outbound)



Cohorts		Aggregate	
	Score		Score
Accounting	69.71%	Located Inside the U.S.	57.23%
Economics	74.17%		
Finance	67.50%		
General Business	70.39%		
International Business	69.26%		
Management	66.93%		
Management Information Systems	79.83%		
Marketing	73.38%		
Sport Management	74.83%		

A side-by-side comparison of the results between one or more academic programs or cohorts of students where there is overlap of topics on the student exams.

# New Gap Analysis Report

A report that identifies potential learning gaps. The report combines elements from the Longitudinal Report, the Internal Analysis Report, and the Response Distractors Report.

## Gap Analysis Report

### Gap Analysis: Accounting

Topic / Subject	Difference in Scores		Program Scores					Response Distractors									
			Agg Mean Score	Current Program Mean Score	Prior Assessment Period 1	Prior Assessment Period 2	Prior Assessment Period 3	Calculation-based Error		Concept-based Error		Conclusion-based Error		Fact-based Error		Interpretation-based Error	
	Current - Prior	Current - Agg						School % Incorrect	Agg % Incorrect	School % Incorrect	Agg % Incorrect	School % Incorrect	Agg % Incorrect	School % Incorrect	Agg % Incorrect	School % Incorrect	Agg % Incorrect
Accounting	-11.45	4.19	39.81	44	55.45	43.87	52.41	0	3.15	38	28.22	0	0	0	0.29	18	25.95
Accounting Data Analysis	-19.23	-8.77	42.1	33.33	52.56	42	56.86	0	1.38	50	28	0	0	0	0	16.67	25.51
Balance Sheet Analysis	-42.5	-14.96	39.96	25	67.5	39.13	55.88	0	0	25	29.6	0	0	0	0	50	28.56
Compliance in Accounting	-9.52	-2.22	35.56	33.33	42.86	39.39	46.43	0	0	33.33	28.09	0	0	0	0	33.33	33.14
Dividends, Stocks, and Bonds	-4.42	2.46	40.4	42.86	47.27	46.15	56.41	0	8.7	42.86	37.75	0	0	0	0	14.29	12.65
Financial Statement Analysis	13.48	34.82	31.85	66.67	53.19	43.24	40.74	0	23.14	16.67	16.14	0	0	0	3.53	16.67	23.86
Interest, Income, and Debt	-2.22	23.68	36.32	60	62.22	68.42	54.17	0	3.21	40	26.02	0	0	0	0	0	30.01
Journal Entries	-27.77	-6.86	43.23	36.36	64.13	35.44	57.81	0	0	45.45	26.57	0	0	0	0	18.18	27.31

Very high priority, containing multiple large gaps across the fiscal years with a decline in Current to Prior fiscal year (Entire row will be highlighted by a border).
High priority, containing multiple large gaps across the fiscal years without a decline in Current to Prior fiscal year (Entire row will be highlighted by a border).
Topic or Subject score was lower than the prior year or the selected aggregate respectively.
Program score was less than the selected aggregate score with a gap of more than 2 points.
Program score was less than the selected aggregate score with a gap of up to 2 points.
Program had greater percent incorrect than the selected aggregate, indicating a gap.
No gap. Institution score was higher than the selected aggregate.

# Response Distractor Report

A unique report that summarizes why students answered questions incorrectly based on 5 types of response distractors. Peregrine is the only solution provider with this capability.

- ◆ Fact-based error
- ◆ Concept-based error
- ◆ Conclusion-based error
- ◆ Interpretation-based error
- ◆ Calculation-based error

## Response Distractors Report Preview

Selection Criteria   Sample Summary   Test Bank Comparison   **Aggregate Comparison**

Table 3: Sample Compared to the Aggregate Pool (Inactive Questions Excluded)

A comparison of the exam sample to the population of students who have completed the assessment based upon the selected aggregate pool. The sample may include Inbound, Mid-Point, or Outbound exam results, however the selected aggregate comparison will be limited to the Outbound Exam results only.

### Outbound Assessment Results

Topic/Subject	Calculation-based Error				Concept-based Error		Conclusion-based Error		Fact-based Error		Interpretation-based Error		p
	School % Correct	Aggregate % Correct	School % Incorrect	Aggregate % Incorrect	School % Incorrect	Aggregate % Incorrect	School % Incorrect	Aggregate % Incorrect	School % Incorrect	Aggregate % Incorrect	School % Incorrect	Aggregate % Incorrect	
Accounting	1.11%	57.78%	1.95%	2.95%	21.45%	20.52%	0.00%	0.00%	0.00%	0.00%	19.92%	18.62%	0.238
Business Ethics	0.00%	63.38%	0.00%	0.00%	14.15%	13.65%	0.00%	0.00%	2.61%	2.18%	20.05%	19.37%	0.750
Business Finance	1.51%	56.67%	10.01%	10.95%	16.46%	14.40%	0.00%	0.00%	0.00%	0.00%	18.11%	17.13%	0.410
Business Integration and Strategic Management	0.82%	62.10%	0.00%	0.00%	25.69%	24.28%	0.00%	0.00%	0.41%	0.39%	13.32%	11.98%	0.811
Business Leadership	2.35%	63.50%	0.00%	0.00%	8.71%	9.84%	0.00%	0.00%	0.14%	0.17%	26.28%	26.20%	0.536
Economics: Macroeconomics	1.92%	59.18%	6.03%	7.16%	16.44%	12.01%	0.82%	0.25%	4.93%	3.18%	20.27%	16.90%	0.093
Economics: Microeconomics	1.37%	57.15%	0.55%	0.48%	3.57%	5.86%	0.00%	0.00%	0.00%	0.00%	37.91%	35.01%	0.086
Legal Environment of Business	1.23%	60.94%	0.00%	0.00%	15.21%	14.09%	0.00%	0.00%	0.55%	0.65%	22.19%	24.01%	0.366
Management: Human Resource Management	0.79%	57.77%	0.00%	0.00%	14.17%	16.41%	1.18%	1.22%	9.45%	5.72%	16.93%	18.43%	0.051
Management: Operations/Production Management	0.42%	59.05%	0.00%	0.00%	22.78%	17.20%	0.42%	0.35%	0.84%	0.83%	15.61%	21.25%	0.048
Management: Organizational Behavior	0.42%	62.25%	0.00%	0.00%	19.07%	15.97%	0.00%	0.00%	1.27%	1.50%	18.64%	19.88%	0.549
Marketing	1.92%	66.32%	0.00%	0.00%	23.56%	20.44%	0.00%	0.00%	0.00%	0.00%	11.51%	12.91%	0.070
Quantitative Research Techniques and Statistics	1.10%	54.75%	3.73%	3.99%	23.62%	21.67%	0.41%	0.54%	0.55%	0.39%	14.09%	18.17%	0.111

  Your learners are making incorrect choices significantly lower than the test bank and/or aggregate pool.

  Your learners are making incorrect choices significantly higher than the test bank and/or aggregate pool and may indicate a knowledge gap.

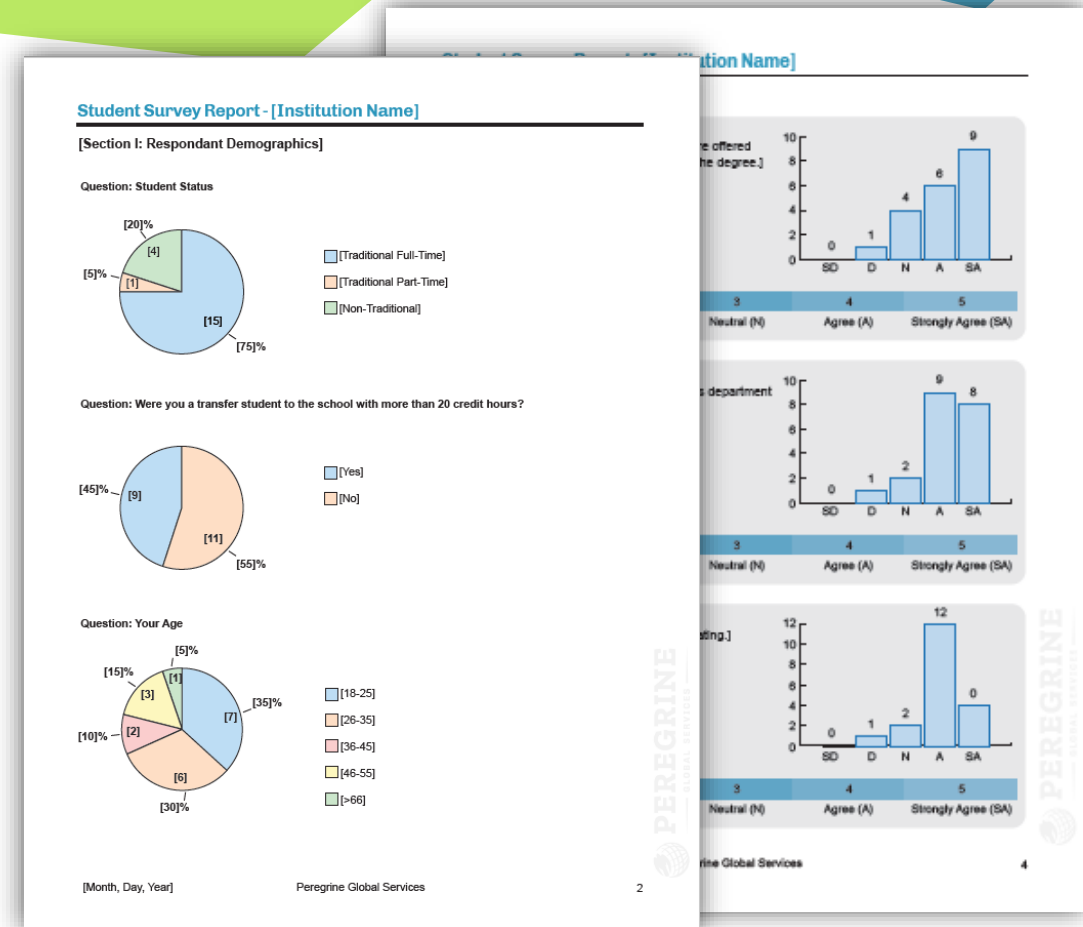


**PEREGRINE**  
GLOBAL SERVICES

# Student Survey Report

School officials have the option to include a survey with an exam (at no additional cost).

Typically, this is an end-of-program survey, often used as an indirect measure of learning outcomes and student satisfaction. The institution determines the survey questions.



# Grade Scale Report

Once an institution has completed an appropriate number of exams (>50), the school has the option to generate a Grade Scale Report based on the school's results.

This report is used most often for grading the exam.

Grade Scale Report - [Institution Name]

Percentile	Exam Total Score	Letter Grade on a 60-100% Scale	Letter Grade on a 65-100% Scale	Letter Grade on a 70-100% Scale
99	82	A	A	A
98	80	A	A	A
97	79	A	A	A-
96	78	A	A-	A-
95	77	A	A-	A-
94	76	A	A-	B+
93	75	A-	A-	B+
92	74	A-	B+	B
91	73	A-	B+	B
90	73	A-	B+	B
89	72	B+	B	B-
88	72	B+	B	B-
87	72	B+	B	C+
86	72	B	B-	C+
85	71	B	B-	C
84	71	B	C+	C
83	70	B	C+	C
82	70	B-	C+	C
81	69	B-	C+	C+
80	68	B-	C+	C+
79	68	C+	C	C+
78	68	C+	C	C+
77	68	C+	C	D+
76	68	C	C	D+
75	67	C	C	D+
74	67	C	C-	D
73	66	C	C-	D
72	65	C-	C-	D
71	65	C-	C-	D-
70	65	C-	C-	D-
69	64	D+	D+	F
68	64	D+	D+	F
67	63	D+	D	F
66	63	D	D	F
65	63	D	D-	F
64	62	D	F	F
63	62	D	F	F
62	62	D-	F	F
61	62	D-	F	F
60	62	D-	F	F
59	62	F	F	F

[Month, Day, Year]

Peregrine Global Services

1

# Aggregate Data

Aggregate Data refers to the results obtained by other schools using the assessment solution. School officials can download the data for use for completing additional analyses of the results.

The screenshot displays the 'PEREGRINE GLOBAL SERVICES' web application interface. The top navigation bar includes links for Dashboard, Reports, Clients, Registrations, Users, LOM&R Utility, Curriculum, and System. The main content area is titled '1 Assessment Category & Degree Level' and '2 External Comparison'. It prompts the user to 'Choose the Aggregate Pools for External Benchmarking' and to 'Please select up to 5 aggregate pools against which to benchmark'. The form is organized into several sections with checkboxes:

- AACSB**
  - ☐ AACSB Members - The Assoc. to...
  - ☐ AACSB Accredited - The Assoc...
- ACBSP**
  - ☐ ACBSP (U.S.) - Accreditation C...
  - ☐ ACBSP Region 1 (Northeastern C...
  - ☐ ACBSP Region 2 (Eastern Council...
  - ☐ ACBSP Region 3 (Southeastern C...
  - ☐ ACBSP Region 4 (Great Lakes Co...
  - ☐ ACBSP Region 5 (Midwestern Cou...
  - ☐ ACBSP Region 6 (Southwestern C...
  - ☐ ACBSP Region 7 (Western Council...
- Delivery Modality**
  - ☐ Blended/Hybrid Delivery Mode
  - ☐ Online Delivery Mode
  - ☐ Traditional/Campus-based Deliv...
- General Demographics**
  - ☐ Faith-based Institution
  - ☐ HBCU
  - ☐ Military-Centric Schools
  - ☐ Privately Owned - Not-for-Pro...
  - ☐ Privately Owned University
  - ☐ Very Large, Privately Owned Un...
  - ☐ Publicly Owned University
  - ☐ Privately Owned - For Profit
  - ☐ Located Inside the U.S.
- Regional Accreditors**
  - ☐ Higher Learning Commission
  - ☐ Middle States Commission on Hi...
  - ☐ New England Association of Sch...
  - ☐ Northwest Commission on Colleg...
  - ☐ Southern Association of Colleg...
  - ☐ Western Association of Schools...
- IACBE**
  - ☐ IACBE (U.S.) - International A...
  - ☐ IACBE Region 1 (New England)
  - ☐ IACBE Region 2 (Middle States)
  - ☐ IACBE Region 3 (Southern)
  - ☐ IACBE Region 4 (Great Lakes)
  - ☐ IACBE Region 5 (North Central)
  - ☐ IACBE Region 7 (Northwest)
  - ☐ IACBE Region 8 (Western)

At the bottom, there are 'Previous' and 'Next' buttons, a disclaimer: '\* All fields and/or headings marked with this asterisk must have a selection to generate this report.', and a footer with contact information, privacy policy, and copyright notice.





**PEREGRINE**  
— GLOBAL SERVICES —

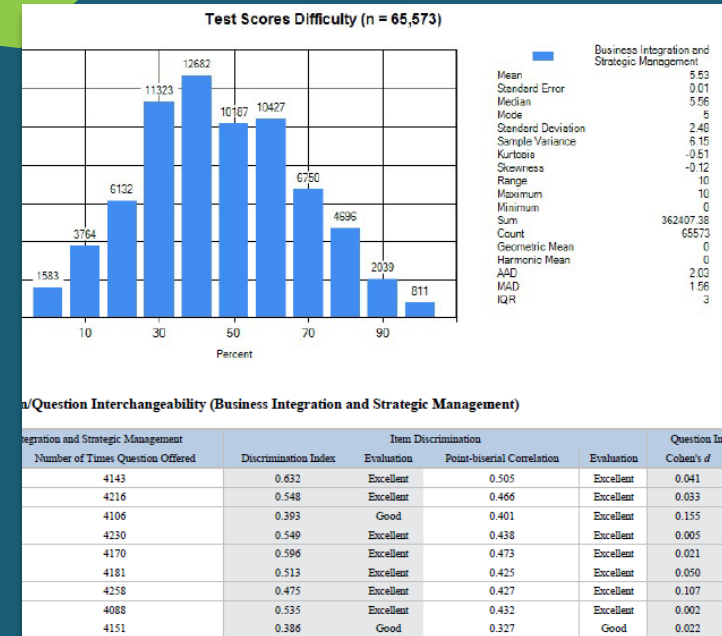
**Reliable and Valid**

# Test Bank Validity and Reliability

Exam questions are aligned with the knowledge areas and have been validated and peer reviewed.

Regular psychometric analyses of the test banks ensure reliability and accuracy.

Exam difficulty is relative; the exam assesses retained knowledge of the students at the program level using a nationally normed instrument.



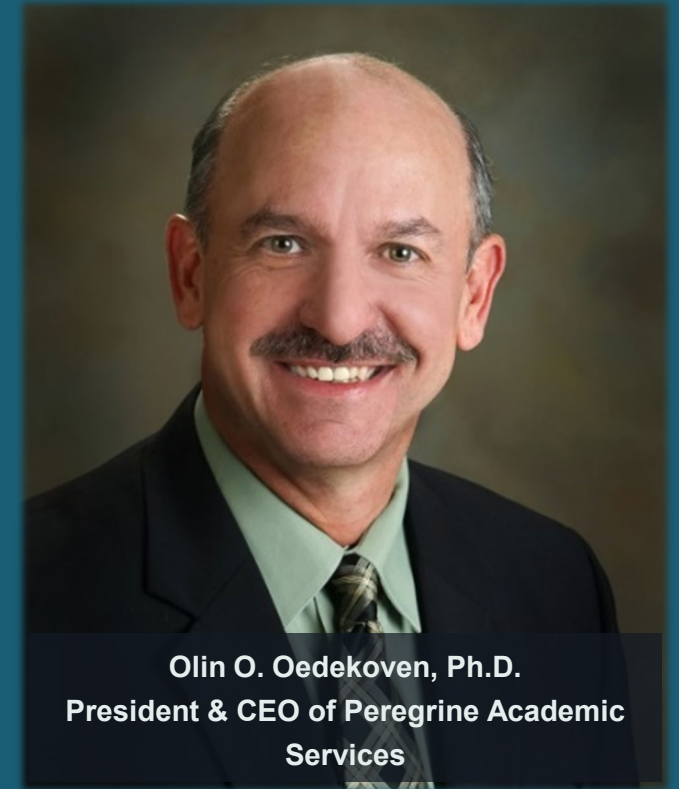
Principal measures of reliability are:

1. Item Difficulty
2. Item Discrimination
3. Question Interchangeability

# Validity and Reliability

Peregrine Global Services places a high priority on ensuring the validity and reliability of the assessment services. These practices begin at the design stage and continue through beta-testing, and with ongoing regularly scheduled quality reviews. For additional information regarding the reliability process, please refer to the following peer-reviewed article:

Oedekoven, O. O., Napolitano, M., Lemmon, J., & Zaiontz, C. (2019). Determining test bank reliability. *Transnational Journal of Business*, 4(Summer), 63-74.



Olin O. Oedekoven, Ph.D.  
President & CEO of Peregrine Academic  
Services

# Secure Online Delivery Platform

Measures are in place to help ensure the integrity of the exam process:

- ◆ Randomized question selection
- ◆ Disabled copy/paste content
- ◆ Timed questions
- ◆ Monitored activity

We see you have navigated away from your exam.

Please remember each question is timed and must be answered within the designated time limit by selecting "Record Answer".

It should be noted, we monitor and report any suspicious or unusual browser activity to your academic institution, this includes extended time away from your exam window. You may not use external resources to assist with the examination.

2:15 Time

[Click here to continue your exam](#)

## Business Administration Comprehensive Exam - Undergraduate Level (Associate and Bachelor's)

### Security and Exam Integrity



In order to secure and protect the integrity of our online services, we monitor and report any suspicious or unusual browser activity (IP addresses, extended time spent away from your exam window, etc.) to your academic institution. You may not use external resources to assist with your assessment.

☐ I certify that I am the person registered to take this assessment and that I will not use external resources during the assessment.

# Secure Online Delivery Platform

- ◆ Questions are timed and served one-at-a-time without the option to backtrack.
- ◆ Students can access the exam three times within a 48-hour window to complete the exam.
- ◆ Students will receive two 15-minute breaks during the 48-hour window.

The screenshot displays a web-based exam interface. At the top right, it shows 'Question 6 of 24' and a '3:00 Time' limit with a 'Mute timer' link. The exam title is 'Business Administration Comprehensive Exam - Undergraduate Level (Associate and Bachelor's)'. Below this, the subject is 'Marketing - Marketing Research, Planning, and Strategy'. The question text reads: '\_\_\_\_\_ firms are those that successfully generate, disseminate, and respond to market information.' There are four multiple-choice options, each with a radio button: A Customer-oriented, B Information-oriented, C Market-oriented, and D Competitive-oriented. At the bottom, there is a 'Record Answer' button.

Question 6 of 24 3:00 Time  
[Mute timer](#)

**Business Administration Comprehensive Exam - Undergraduate Level (Associate and Bachelor's)**

Marketing - Marketing Research, Planning, and Strategy

\_\_\_\_\_ firms are those that successfully generate, disseminate, and respond to market information.

A ☐ Customer-oriented

B ☐ Information-oriented

C ☐ Market-oriented

D ☐ Competitive-oriented

[Record Answer](#)

# Student Completion Certificate

- ◆ Depends on the institution's exam settings.
- ◆ If made available, learners they will receive the report and certificate via email after completing the exam.
- ◆ Completion certificates may be submitted for academic accountability.



# Incentivizing Your Exam

- ◆ Outbound exams are usually incentivized (graded) to encourage the students to do their best.
- ◆ The Learner Assessment Report also incentivizes learners to give their best effort.
- ◆ The report
  - ◆ illustrates the “why” of the exam.
  - ◆ demonstrates growth in knowledge over time.
  - ◆ provides a tool for learner’s professional portfolio.





# The Report “Why”

- ◆ Communicates the how report data from the exam is used to impact quality in education and help them understand their scores.
- ◆ Provides an explanation of scores including definitions and charts to explain percentile ranking.

## The Exam “Why”

John Smith | Business Administration Outbound, 08 January 2022 | Learner Assessment Report

Thank you for your participation in the [test name]. This report helps you understand your individual scores, how you rank compared with a sample of other learners' scores, your knowledge strengths and potential knowledge gaps as it relates to the topic areas covered by the exam, and the types of errors you made the most.

By completing the exam, you have demonstrated your knowledge and skills. This report provides a variety of information for improvement and for your future learning experience, your data.

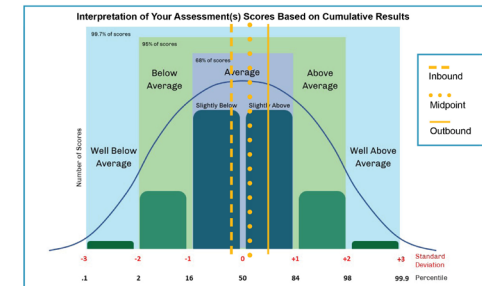
## How to Use Your Assessment Report

John Smith | Business Administration Outbound, 08 January 2022 | Learner Assessment Report

John Smith | Business Administration Outbound, 08 January 2022 | Learner Assessment Report

## Explanation of Scores

The graph below will help you understand how your score(s) relates to the average scores achieved on the exam. For example, your total exam score of 65.8% corresponds to a percentile rank of 75, as illustrated in the following graph. You can also apply this relationship to your topic and subject level. The key within the graph represents three different points at which you may have taken the exam. Inbound refers to an exam taken at the beginning of an academic program. Midpoint is an exam taken during the middle of an academic program. Outbound is an exam taken at the end of the program.



Percentiles should not be confused with percentages. For example, a learner taking a difficult exam might earn a score of 75%. This means that they correctly answered every three out of four questions.

A learner who scores in the 75th percentile, however, has obtained a different result. This percentile means that the learner earned a higher score than 75% of all other learners in the sample who took the exam. In other words, the percentage score reflects how well the learner did on the exam itself; the percentile rank reflects how well the learner did in comparison to other learners.

understanding of your exam results. Your scores and percentile rank provide guideposts on the way to understanding your areas of strength and weakness, and how your academic program is or will be preparing you for the future.

total score and percentile rank. Percentiles should not be confused with percentages. For example, a learner taking a difficult exam might earn a score of 75%. This means that they correctly answered every three out of four questions.

on your scores and percentile rank at the topic level. This is because it is specific to each topic area. Since different learners in the Sample Data Pool received the same exam, all learners in the Sample Data Pool who did receive the same scores you answered correctly out of the questions offered (e.g., 80 out of 100), and the sample size of the pool.

highest to lowest will inform you of the areas where you have the most gaps. The topic data include your score, percentile rank, and the Sample Data Pool who received the same topic.

The Learning Opportunities section helps you understand the concept, conclusion, interpretation, or calculation-based errors.

some opportunities for growth. For an in-depth look at each area, the knowledge areas covered and how you scored in each area, a potential employer, or follow up with further study in a targeted in your approach.

ed to calculate percentile rank (e.g., Located in the U.S. who took the same exam/topic over the previous 4 years).

a frequency correct (e.g., 80 questions answered correctly out of 100 questions, or 80 divided by 120 equals 67%).

percentage of scores that fall at or below a given score.

between two scores. For inbound/outbound testing, the formula used is the following formula: (Score - Inbound Score) / (Outbound Score - Inbound Score) \* 100.



# Your Scores

- ◆ Provides learners with their scores and percentile rank.
- ◆ Shows a comparison of Inbound/Midpoint/Outbound Scores so learners can visibly see the value of their program.



# Exam Topics

- ◆ The learners will see a comprehensive view of the topics that make up their exam.
- ◆ Each topic will show the # of correct responses, percentile rank, and sample size.
- ◆ Additionally, learners will see “tips” for understanding the Exam Topic table.

John Smith | Business Administration Outbound, 08 January 2022 | Learner Assessment Report

## Exam Topics

Topic	# of Correct Responses	Score	Percentile Rank	Sample Size
Accounting	8/10	80.0%	95 <sup>th</sup>	4,536
Business Ethics	8/10	80.0%	85 <sup>th</sup>	4,536
Business Finance	6/10	60.0%	80 <sup>th</sup>	4,536
Business Integration and Strategic Management	8/10	80.0%	95 <sup>th</sup>	4,536
Business Leadership	8/10	80.0%	79 <sup>th</sup>	4,536
Economics: Macroeconomics	3/5	60.0%	85 <sup>th</sup>	4,536
Economics: Microeconomics	1/5	20.0%	65 <sup>th</sup>	4,536
Global Dimensions of Business	6/10	60.0%	82 <sup>nd</sup>	4,536
Information Management Systems	8/10	80.0%	55 <sup>th</sup>	4,536
Legal Environment of Business	7/10	70.0%	55 <sup>th</sup>	4,536
Management: Human Resource Management	8/10	80.0%	72 <sup>nd</sup>	4,536
Management: Operations and Production Management	8/10	80.0%	85 <sup>th</sup>	4,536
Management: Organizational Behavior	8/10	80.0%	72 <sup>nd</sup>	4,536
Marketing	5/10	50.0%	60 <sup>th</sup>	4,536
Quantitative Research Techniques and Statistics	8/10	80.0%	72 <sup>nd</sup>	4,536
Another Topic	6/10	60.0%	70 <sup>th</sup>	4,536
Another Topic	8/10	80.0%	72 <sup>nd</sup>	4,536
Another Topic	6/10	60.0%	72 <sup>nd</sup>	4,536
Exam Totals		65.8%	75 <sup>th</sup>	4,536

### Tips to Understanding the Exam Topics table:

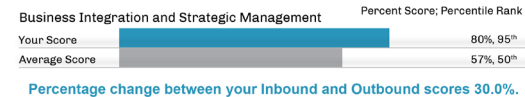
- 1) A # of Correct Responses of 8/10 means that 8 questions out of 10 were answered correctly.
- 2) A Score of 80% is based on 8 questions answered correctly divided by the total questions offered of 10.
- 3) A Percentile Rank of 75<sup>th</sup> means that you earned a higher score than 75% of the other learners in the sample.
- 4) The Sample Size is the number of learners who received that topic and upon which the Percentile Rank is calculated. For example, a percentile rank of 75<sup>th</sup> means that you scored at or higher than 75% of all learners who took this same exam.

# Topic Results by Rank

John Smith | Business Administration Outbound, 08 January 2022 | Learner Assessment Report

## Topic Results by Rank

The following topics are shown in order from highest to lowest percentile rank. You can use this information to help identify those topics where you have greater knowledge and potential knowledge gaps. Average score is based on all learners in the sample who received the topic on their exam.



- ◆ Learners receive a view of their topics shown in order from highest to lowest percentile rank – showing strengths.
- ◆ The bars represent the learner's score against the aggregate/average score for that topic.
- ◆ Learners will see the percentage change between Inbound and Outbound Score.

# Learning Opportunities

- ◆ The learner receives a response distractor report.
- ◆ The report helps learners understand the reason they may have answered the question incorrectly.
- ◆ Based on the answer given, the error may have been calculation-based, concept-based, conclusion-based, fact-based, or interpretation-based.

John Smith | Business Administration Outbound, 08 January 2022 | Learner Assessment Report

## Learning Opportunities

Each question on your exam that was answered incorrectly was identified with one of five reasons or types of errors that can be made. We call these types of errors "Response Distractors", and they include Fact, Concept, Conclusion, Interpretation, and Calculation-based errors. Below is a table listing the topics you received on your exam in order by Percentile Rank from highest to lowest. In the columns to the right of each topic are the number of each type of error you selected.

The values are color-coded to help you identify potential gaps: **Green** = 0-1 errors; **Yellow** = 2-4 errors; and **Red** = 5 or more errors.

Topic	Percentile Rank	Num. Offered	Correct	Response Distractors				
				Calculation-based Errors	Concept-based Errors	Conclusion-based Errors	Fact-based Errors	Interpretation-based Errors
Business Ethics	60 <sup>th</sup>	10	5	1	1	1	1	1
Business Finance	58 <sup>th</sup>	10	7	2	3	0	1	1
Accounting	56 <sup>th</sup>	10	8	1	0	0	1	0
Economics	54 <sup>th</sup>	10	8	1	2	2	2	3
Macroeconomics	52 <sup>nd</sup>	5	4	0	0	0	3	0
Microeconomics	50 <sup>th</sup>	5	4	1	3	1	1	0
Business Integration & Strategic Management	48 <sup>th</sup>	10	9	2	5	0	2	1
Information Management Systems	46 <sup>th</sup>	10	9	0	1	0	1	0
Global Dimensions of Business	45 <sup>th</sup>	10	10	0	5	0	0	0
Legal Environment of Business	44 <sup>th</sup>	10	10	0	3	0	0	0
Marketing	43 <sup>rd</sup>	10	10	0	4	0	0	0
Business Leadership	42 <sup>nd</sup>	10	10	0	1	0	0	0
<b>Totals</b>		<b>110</b>	<b>86</b>	<b>8</b>	<b>28</b>	<b>4</b>	<b>12</b>	<b>6</b>

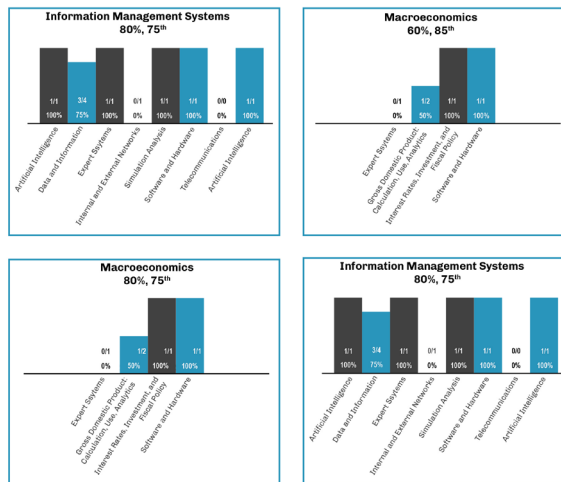
Using the table above, you can identify the types of errors you made the most on your exam. If, for example, you made a high number of calculation-based errors, you might consider reviewing the formulas and equations needed to solve problems in that area. Or, if you had a high number of concept-based errors, you might review that area to improve your understanding of the concepts.

# Exam Subjects

John Smith | Business Administration Outbound, 08 January 2022 | Learner Assessment Report

## Exam Subjects

Each topic is comprised of subjects covering specific knowledge areas. The Exam Subjects section allows you to look more closely at the areas of knowledge you are proficient in, and help you identify potential knowledge gaps. The following graphs show your score by topic and subject, and the number of questions answered correctly in each. For example, an 8/10 indicates you answered 8 out of 10 questions correct.



- ◆ Learners will receive a view of how they performed at the subject level.
- ◆ Each subject is represented by a bar within a topic specific graph.
- ◆ Learners will also see their score and percentile rank in the topic and can relate that back to performance in each subject.

# Next Steps

- ◆ The final page of the report provides learners with next steps depending on the type of exam the report is generated from (Inbound, Mid-Point, Outbound).
- ◆ For the Outbound, learners are encouraged to use the report as part of a portfolio for prospective employers or to guide professional development.

John Smith | Business Administration Outbound, 08 January 2022 | Learner Assessment Report

## Next Steps

Now that you understand your scores and percentile rank, and you have identified your strengths and learning opportunities, what's next?

If this assessment report was for an Inbound Exam, you now know your starting point. You can expect to improve in all topic areas as you progress through your academic program. Areas where you identified knowledge gaps are those where additional study may be required with the use of materials, tutorial support, and other resources. If your school administers a Mid-Point Exam in the middle of your program and/or an Outbound Exam before graduation, you will be able to directly measure your growth in learning from your starting point.

If this assessment report was for a Mid-Point Exam, you will be able to directly measure your growth in learning since taking the Inbound Exam. You will also identify areas where you can improve and focus your efforts during the second half of your academic program.

If this assessment report was for an Outbound Exam, you now have a report that demonstrates what you know at the conclusion of your academic program. This report can be used as a part of your portfolio for prospective employers, as part of your academic record for future degree plans in higher education, and as a guide for your professional development.

### Prepared By:

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**PEREGRINE**  
— GLOBAL SERVICES —

# Program & Course Integration

# Course Integration



- ◆ The assessment solution is typically included within a course.
- ◆ The inbound exam is included as a course activity early in the academic program. Completion of the outbound exam is one of the last course activities before program completion.



# Course Integration

## Options for delivery of the exam to the students:

- ◆ A school-specific microsite for student self-registration and password protected.
- ◆ Technical integration with the LMS for automated registrations and gradebook postings. We can integrate with commonly used LMS platforms.



# Academic Program Integration

Peregrine provides flexible purchase options to make adoption as seamless as possible.

**Sold through the university's bookstore.**



**Institutional purchase with monthly invoicing.**



**Student purchase through self-registration.**



# Solution Pricing

Pricing is based on annual solution projections for all services used.

Pricing includes complete access to individual results, reports, and analytics.

PRICING FOR ALL ASSESSMENT SERVICES		
SERVICES PER YEAR	PRICE PER EXAM	
	BA/BS/GRAD	AA/AS
1–100	\$45	\$23
101–500	\$40	\$20
501+	\$36	\$18



***It is our mission to make a difference in the world by fostering innovation, growing and developing leaders who can solve the worlds complex problems, and improving the quality of higher education.***



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