20 YEARS PEREGRINE GLOBAL SERVICES

Excellence in Business Education

A Collaborative Model for Continuous Improvement and Accreditation Success

Your Presenters

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Dean, College of Business
Baker College

Baker College

College of Business

Baker College serves thousands of students across the state of Michigan and across the US through their global campus.

Under their College of Business, they offer a wide variety of undergraduate and graduate degrees.

01

Founded in 1911

02

Accredited by the Higher Learning Commission (HLC)

03

Campuses: Online; Cadillac, Muskegon, Jackson, Owosso, Port Huron, Royal Oak, MI

PEREGRINE

GLOBAL SERVICES

Used by Schools in all 50 of the United States
Serving More Than 500 Clients
Our Reach Extends to 42 Countries

Principle 2

Excellence in business education is demonstrated when the academic business unit is engaged in a process of continuous improvement in its programs and operations.

This process includes assessment planning, collection and analysis of assessment data, and development and execution of action plans for improvements.

Evaluation of ISLOs

- Each ISLO is required to be evaluated at least twice by two different assessment measures.
- Each ISLO is measured at least once with a direct measure of student learning.
- Assessment measures are terminal evaluation tools – administered at the end of the program.

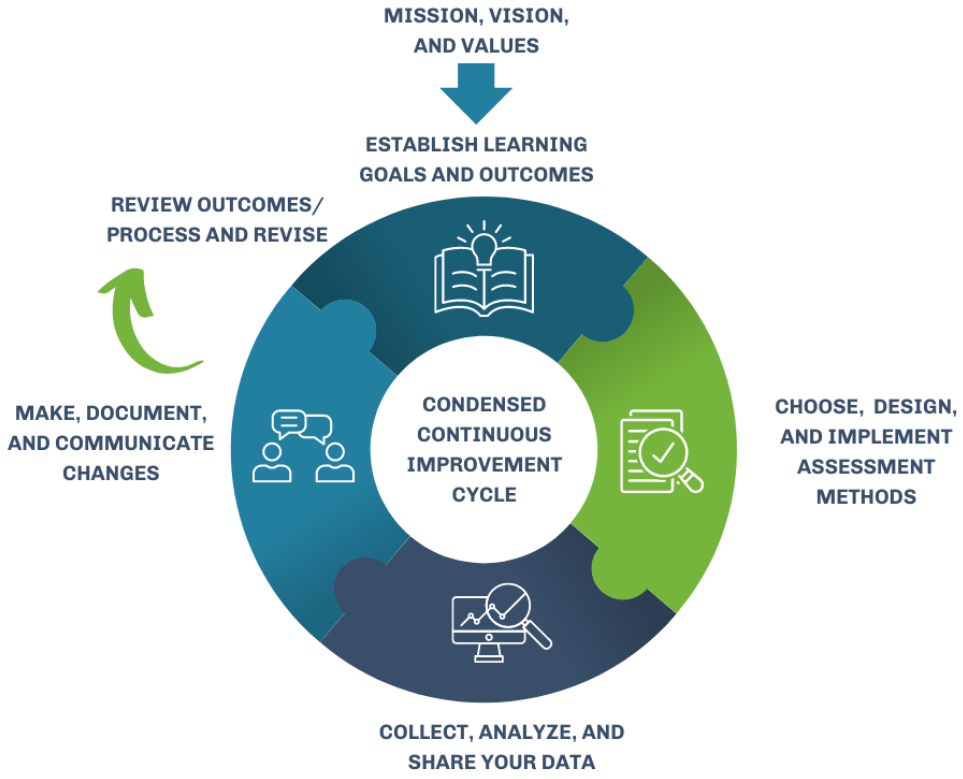
Direct & Indirect Measures

- Exams must contain subsets of questions that are directly and explicitly tied to evaluation of the ISLO being assessed.
- All indirect measures of student learning contain items, questions, or components that are directly and explicitly tied to each ISLO assessed by the measure.

Peregrine's Knowledge & Skills Assessment

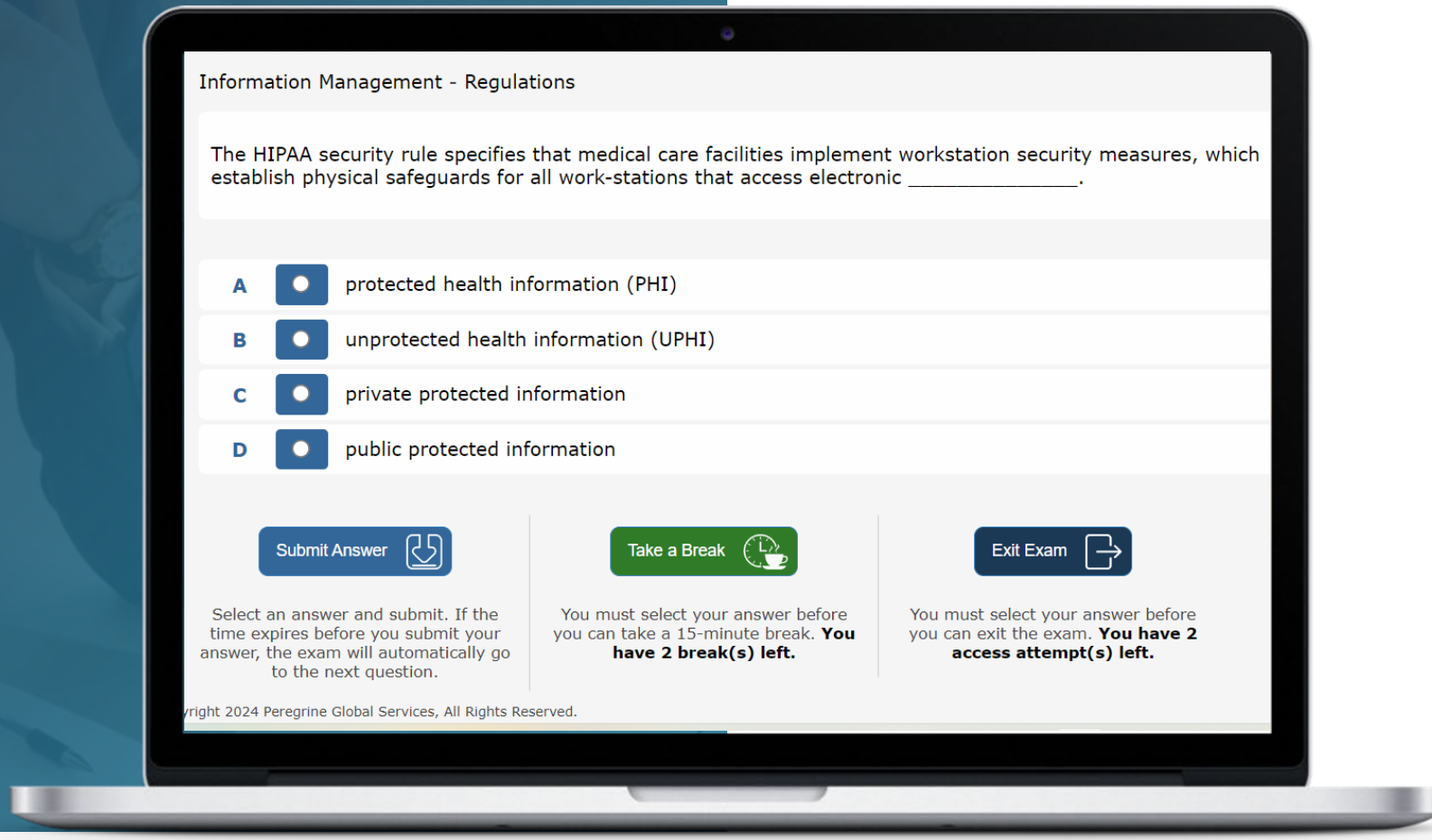
A customizable, program-level assessment solution with in-depth reporting and data analysis to help satisfy accreditation requirements.

- Designed to address accreditation requirements related to learning outcomes assessment.
- It is a normed, summative assessment solution for business programs.
- Is fully online and easily integrated into any program providing a direct and indirect measure of learning.



Direct Measures of Student Learning

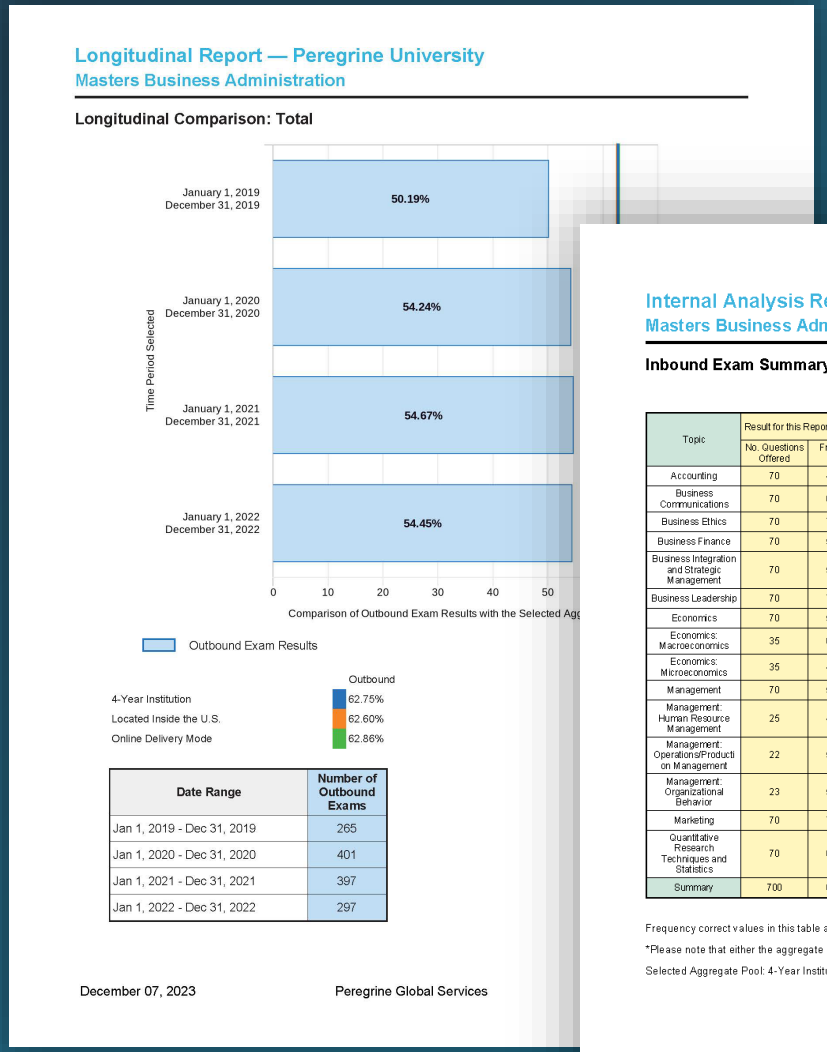
- Comprehensive Examinations
- Capstone Projects
- Simulations
- Theses/Dissertations
- Internships
- Performance-based projects



Direct measures assess student performance or demonstration of specific knowledge, skills, or abilities related to intended student learning outcomes. IACBE requires that exams must contain subsets of questions that are directly and explicitly tied to evaluation of the ISLO being assessed.

Peregrine's Exam

- Questions are written and validated by subject matter experts. Peregrine's team will help you map your outcomes to our assessment as part of the customization process.
- Gain access to longitudinal data, external benchmarking, and internal analysis and comparisons.



Longitudinal Report — Peregrine University
Masters Business Administration

Longitudinal Comparison: Total

Outbound Exam Results

Date Range	Number of Outbound Exams
Jan 1, 2019 - Dec 31, 2019	265
Jan 1, 2020 - Dec 31, 2020	401
Jan 1, 2021 - Dec 31, 2021	397
Jan 1, 2022 - Dec 31, 2022	297

December 07, 2023 Peregrine Global Services

Internal Analysis Report — Peregrine University
Masters Business Administration

Inbound Exam Summary

Topic	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
Accounting	70	48.57%	218,225	46.64%	*67	42.33%	45.00%	48.00%	52.33%
Business Communications	70	68.57%	94,500	64.33%	*84	61.33%	63.67%	65.67%	68.67%
Business Ethics	70	77.14%	273,003	57.41%	*99	53.67%	56.00%	59.00%	63.33%
Business Finance	70	55.71%	271,325	47.38%	*89	43.00%	45.67%	48.33%	53.67%
Business Integration and Strategic Management	70	58.57%	274,025	53.53%	*81	49.33%	52.00%	55.33%	59.33%
Business Leadership	70	70.00%	231,891	56.54%	*96	52.54%	55.56%	58.09%	62.05%
Economics	70	55.71%	218,225	50.26%	*79	45.33%	48.00%	51.67%	58.33%
Economics: Macroeconomics	35	62.86%	110,416	51.41%	*90	46.00%	50.00%	52.70%	59.33%
Economics: Microeconomics	35	48.57%	107,764	49.00%	*53	43.33%	46.67%	51.33%	57.33%
Management	70	52.86%	285,873	52.57%	*55	49.00%	51.67%	54.00%	57.67%
Management: Human Resource Management	25	48.00%	106,677	50.24%	*36	45.81%	49.50%	52.48%	56.61%
Management: Operations/Production Management	22	59.09%	87,392	52.32%	*84	47.47%	51.46%	54.46%	59.22%
Management: Organizational Behavior	23	52.17%	91,273	55.01%	*33	50.52%	54.00%	57.14%	61.00%
Marketing	70	72.86%	285,903	58.85%	*96	54.33%	57.67%	60.33%	65.00%
Quantitative Research Techniques and Statistics	70	62.86%	189,425	46.47%	*98	42.67%	45.33%	48.00%	51.65%
Summary	700	62.29%	2,342,395	52.81%	93	49.19%	51.65%	54.14%	57.93%

Frequency correct values in this table are rounded for easier display. To see the raw values, please select the Excel version of this report.

*Please note that either the aggregate pool sample and/or school sample for this data set is relatively low for the Percentile Rank Calculation.

Selected Aggregate Pool: 4-Year Institution

January 11, 2024 Peregrine Global Services 8

13 Business Administration Topics

Each BUS Topic has 4-8 Subjects

- **Accounting**
- **Business Communications**
- **Business Ethics**
- **Business Finance**
- **Business Integration and Strategic Management**
- **Business Leadership**
- **Economics (including subtopics in)**
- Macroeconomics
- Microeconomics
- **Global Dimensions of Business**
- **Information Management Systems**
- **Legal Environment of Business**
- **Management (including subtopics in)**
- Human Resource Management
- Operations/Production Management
- Organizational Behavior
- **Marketing**
- **Quantitative Techniques, Statistics and Research Analysis**

Using Peregrine Exams at Baker College

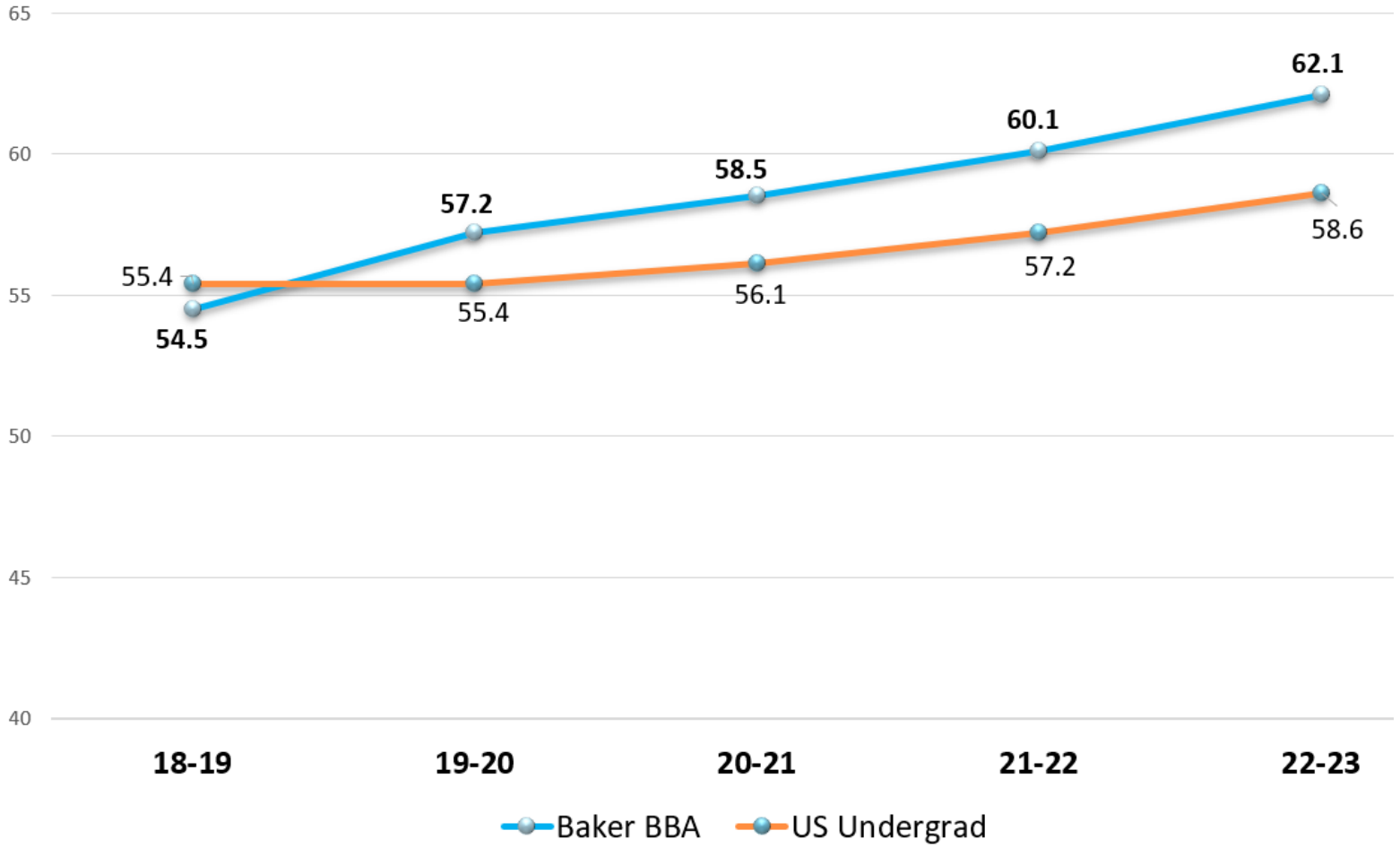
- BBA Program uses the Peregrine Undergraduate Exam
- MBA Program uses the Peregrine Graduate Exam
- Adopt all the provided topics in the exams
- All students are required to take it in the capstone courses

Using Peregrine Exams at Baker College

BBA ISLO	Peregrine Exam Topics
4. Apply concepts, theories, and practices in the core areas of business	- Accounting - Business Finance - Information Management Systems - Management (Human Resource Management, Operations/ Production Management, Organizational Behavior) - Marketing
5. Apply data analytical tools to business decision making	- Quantitative Techniques, Statistics and Research Analysis
6. Interpret strategic plans	- Business Integration and Strategic Management
7. Apply legal, ethical, cultural, and economic standards of business within a global environment	- Business Ethics - Economics (Macroeconomics, Microeconomics) - Global Dimensions of Business - Legal Environment of Business

Using Peregrine Exams at Baker College

Peregrine Exam Average Total Scores - Baker BBA Program vs US



Baker's Program Assessment Objective: Average Total Score >= US Average Total Score

Objective met in last 4 academic years

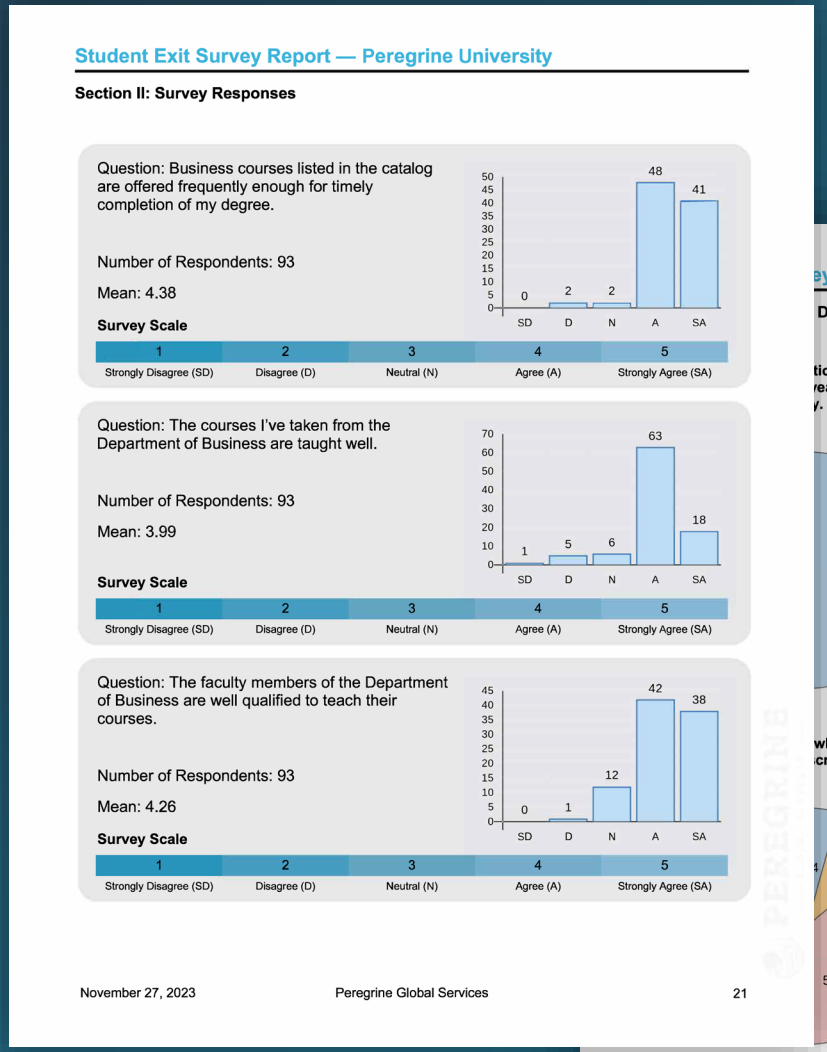
Indirect Measures of Student Learning

- Exit interviews
- Student surveys
- Program evaluation surveys
- Employer surveys
- Alumni surveys

Indirect measures gauge perceptions, attitudes, or self-reported data about learning experiences or outcomes. IACBE requires that the performance objectives for each indirect measure of student learning are expressed in terms of desired results on the assessment instrument's components tied to the ISLOs being assessed.

Peregrine's Student Survey

- Completely customizable so the survey questions can be explicitly tied to ISLOs.
- Is administered along with the programmatic assessment to increase response rates and create a seamless user experience.
- Includes access to raw data and reports.



Student Exit Survey Report — Peregrine University

Section II: Survey Responses

Question: Business courses listed in the catalog are offered frequently enough for timely completion of my degree.

Number of Respondents: 93

Mean: 4.38

Survey Scale

1 Strongly Disagree (SD) | 2 Disagree (D) | 3 Neutral (N) | 4 Agree (A) | 5 Strongly Agree (SA)

Question: The courses I've taken from the Department of Business are taught well.

Number of Respondents: 93

Mean: 3.99

Survey Scale

1 Strongly Disagree (SD) | 2 Disagree (D) | 3 Neutral (N) | 4 Agree (A) | 5 Strongly Agree (SA)

Question: The faculty members of the Department of Business are well qualified to teach their courses.

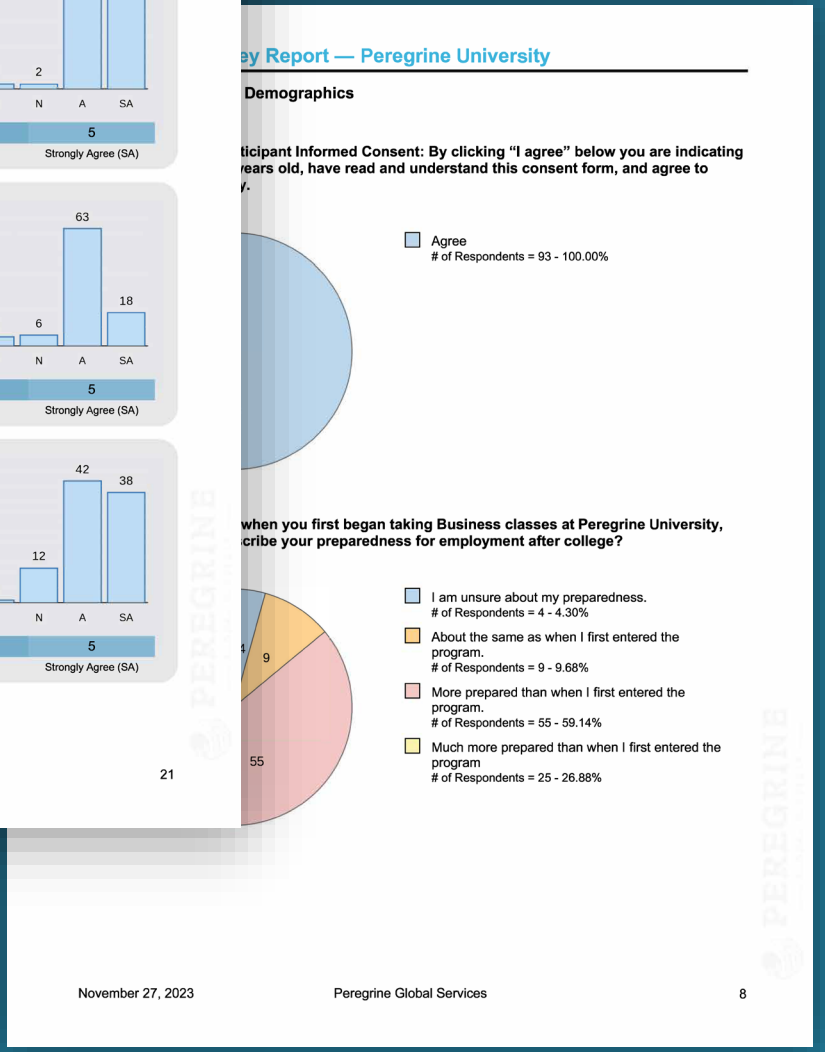
Number of Respondents: 93

Mean: 4.26

Survey Scale

1 Strongly Disagree (SD) | 2 Disagree (D) | 3 Neutral (N) | 4 Agree (A) | 5 Strongly Agree (SA)

November 27, 2023 Peregrine Global Services 21



ey Report — Peregrine University

Demographics

ticipant Informed Consent: By clicking "I agree" below you are indicating ears old, have read and understand this consent form, and agree to y.

Agree
# of Respondents = 93 - 100.00%

when you first began taking Business classes at Peregrine University, cribe your preparedness for employment after college?

I am unsure about my preparedness.
# of Respondents = 4 - 4.30%

About the same as when I first entered the program.
# of Respondents = 9 - 9.68%

More prepared than when I first entered the program.
# of Respondents = 55 - 59.14%

Much more prepared than when I first entered the program
# of Respondents = 25 - 26.88%

November 27, 2023 Peregrine Global Services 8

Exit Surveys at Baker College

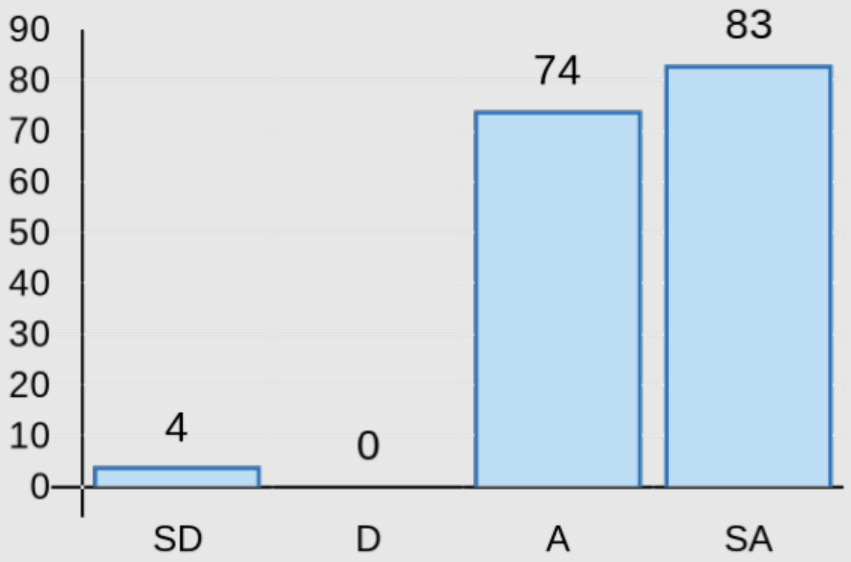
- One exit survey for each program: BBA, MBA, DBA
- Used as indirect measures
- Self-defined questions for each ISLO and IOO
- Self-defined Likert scales: 1-4
- Conducted before taking the Peregrine Exam: high response rate

Exit Surveys at Baker College

Question: By the end of my BBA program, I am able to apply critical thinking skills to solve problems and make decisions.

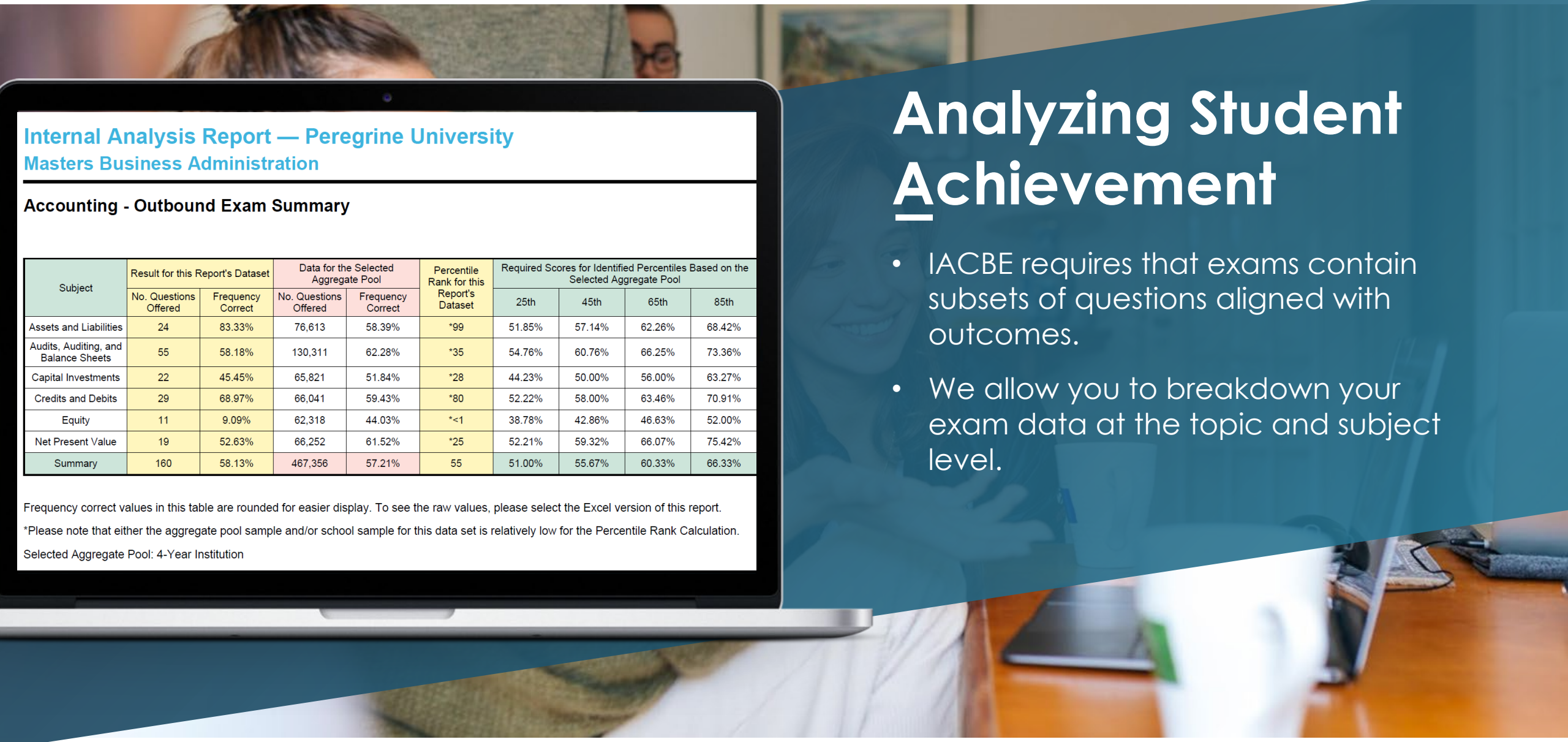
Number of Respondents: 161

Mean: 3.47



Survey Scale

1	2	3	4
Strongly Disagree (SD)	Disagree (D)	Agree (A)	Strongly Agree (SA)



Internal Analysis Report — Peregrine University

Masters Business Administration

Accounting - Outbound 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
Assets and Liabilities	24	83.33%	76,613	58.39%	*99	51.85%	57.14%	62.26%	68.42%
Audits, Auditing, and Balance Sheets	55	58.18%	130,311	62.28%	*35	54.76%	60.76%	66.25%	73.36%
Capital Investments	22	45.45%	65,821	51.84%	*28	44.23%	50.00%	56.00%	63.27%
Credits and Debits	29	68.97%	66,041	59.43%	*80	52.22%	58.00%	63.46%	70.91%
Equity	11	9.09%	62,318	44.03%	*<1	38.78%	42.86%	46.63%	52.00%
Net Present Value	19	52.63%	66,252	61.52%	*25	52.21%	59.32%	66.07%	75.42%
Summary	160	58.13%	467,356	57.21%	55	51.00%	55.67%	60.33%	66.33%

Frequency correct values in this table are rounded for easier display. To see the raw values, please select the Excel version of this report.

*Please note that either the aggregate pool sample and/or school sample for this data set is relatively low for the Percentile Rank Calculation.

Selected Aggregate Pool: 4-Year Institution

Analyzing Student Achievement

- IACBE requires that exams contain subsets of questions aligned with outcomes.
- We allow you to breakdown your exam data at the topic and subject level.

Peregrine's Reports

Internal Analysis Report

Longitudinal Analysis Report

External Comparison Report

Student Exit Survey

Aggregate Extraction Report

Aggregate Schools Report

Individual Results Report

Program/Cohort Comparison Report

Gap Analysis Report

Response Distractor Report

Learner Comparison Report

Grade Scale Report

Pairwise Report

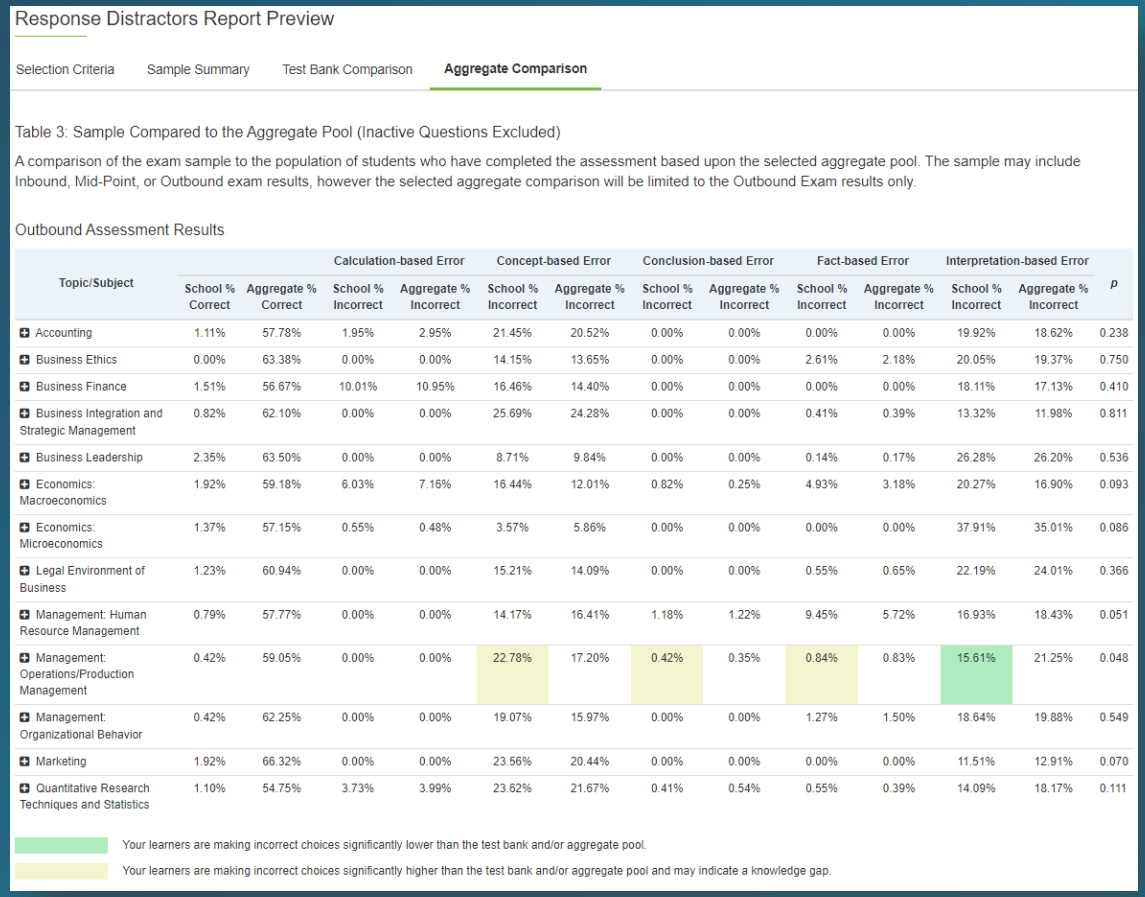
Program or Cohort Report

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.

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.

Fostering Student Development

- A characteristic of excellence in business education is that the business unit develops students, both personally and professionally, into well-educated, ethical, and competent business professionals.
- Peregrine provides your learners with a Learner Assessment Report to support the development of students.

The Report "Why"

- Communicates 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.

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.

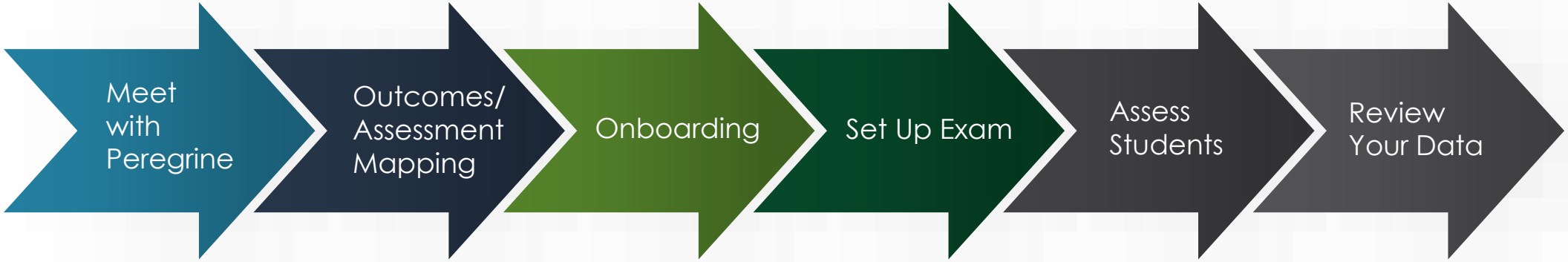
Delivery Options for the Exam

- 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.

Step 1: During our meeting, we will do a deep dive into the needs of your program and how our service may fit.

Step 3: Fill out the onboarding form with a Peregrine team member to ensure the proper customization and configuration.

Step 5: Administer the exam. The exam is taken online and does not require a proctor. Peregrine will be available for all student and technical support.



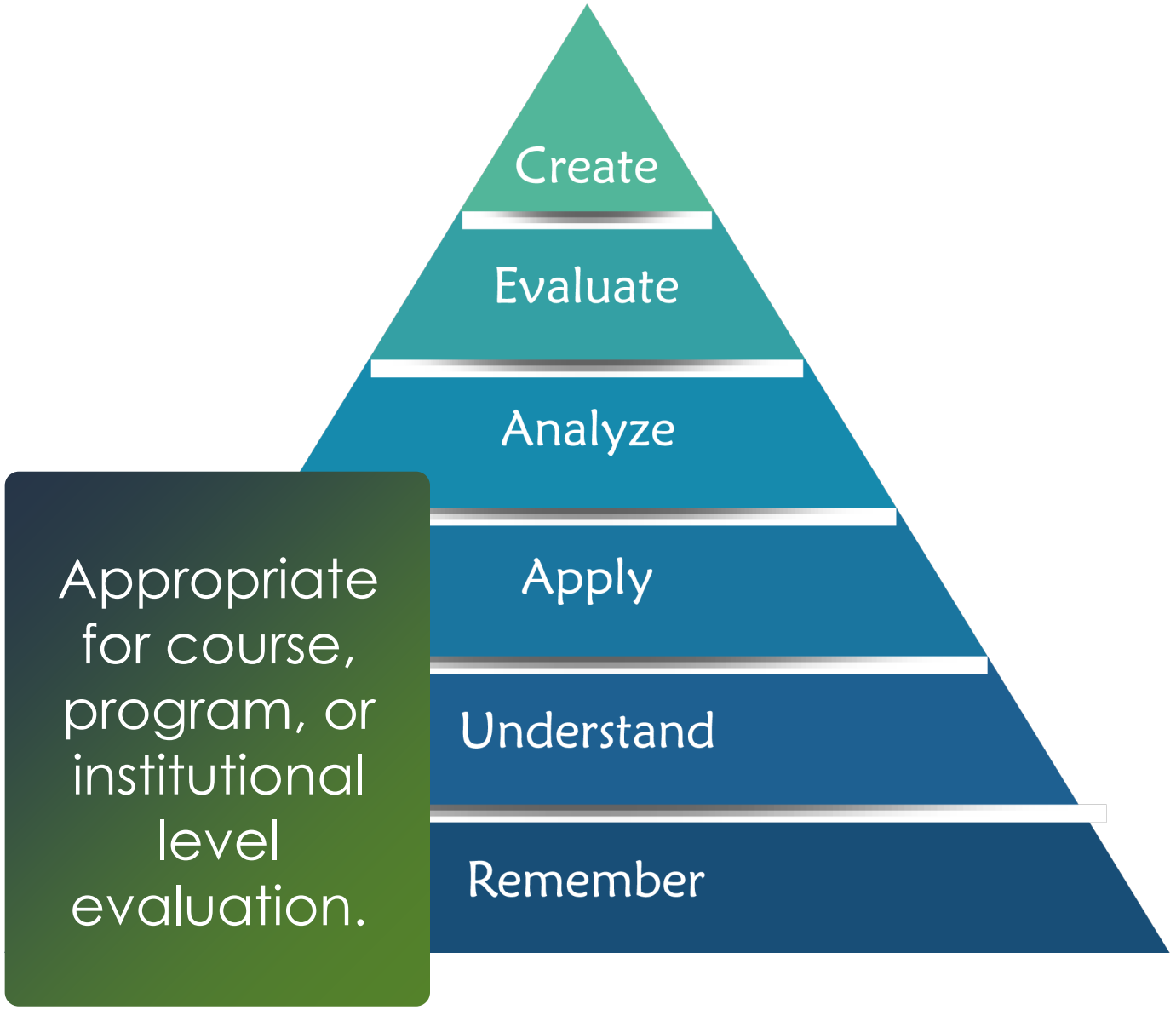
Step 2: Peregrine will map your ISLO to our assessment topics and provide recommendations on assessment portfolio.

Step 4: Peregrine will set up your exam and send you either Microsite or LTI integration instructions.

Step 6: We will set up a training call (Client Admin Tour) to teach you how to access your reports and data.

Peregrine's Critical Thinking Feature

A new assessment feature that effectively measures critical thinking through the framework of Bloom's Taxonomy.



Contact Us

Our objective is to be your thought-partner in education and quality. Reach out to us to schedule a meeting with a member of our team.

Contact Information

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