

AOL for International Accreditation: GBE Assessment Exam Solution



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Workshop Facilitators



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Why are Learning Outcomes Important in Higher Education?

To measure **retained knowledge**

- *Schools are expected to put into place **rigorous measurement tools** to better understand the degree to which students have retained what they have learned.*

To ensure **continuous improvement**

- *Schools are expected to **make changes** to their educational programmes based on 'objective' data on student learning.*

To ensure **transparency and accountability**

- *Schools are expected to uphold their **engagement to student learning** from the outset in order to be transparent with student, parents, employers, and other stakeholders.*



Formative vs. Summative Assessment



Course-level Assessments- (*Formative*)

- Is an integral part of the learning process.
- Is used to evaluate and improve learning.
- Enhances student intrinsic motivation, their desire to learn.
- Contributes to improvements in teaching.

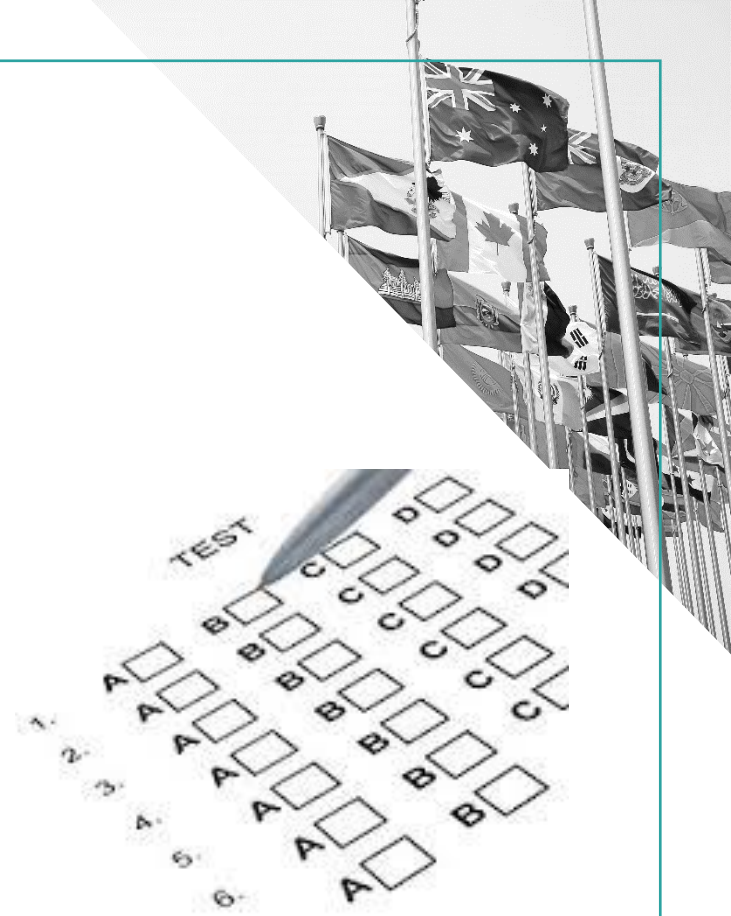
Program-level Assessments (Summative)

- Occurs at the end of the learning process.
- Is used for accountability of the academic program to improve learning.
- Often done in a pre/post format to demonstrate value added.
- Summative measures integrated knowledge/retained knowledge.



Direct Measures of Student Learning

- Program level direct measures are regularly employed to measure 'retained' knowledge and skills expected at the *end of a program of study*.
- Outcomes are written to capture '*expected*' results of student retained knowledge.
- Generally the measures are stand alone, but can be 'embedded' into a module/class
- Direct measurement results are generally used to support *continuous improvement* at the institution.



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Indirect Measures of Student Learning

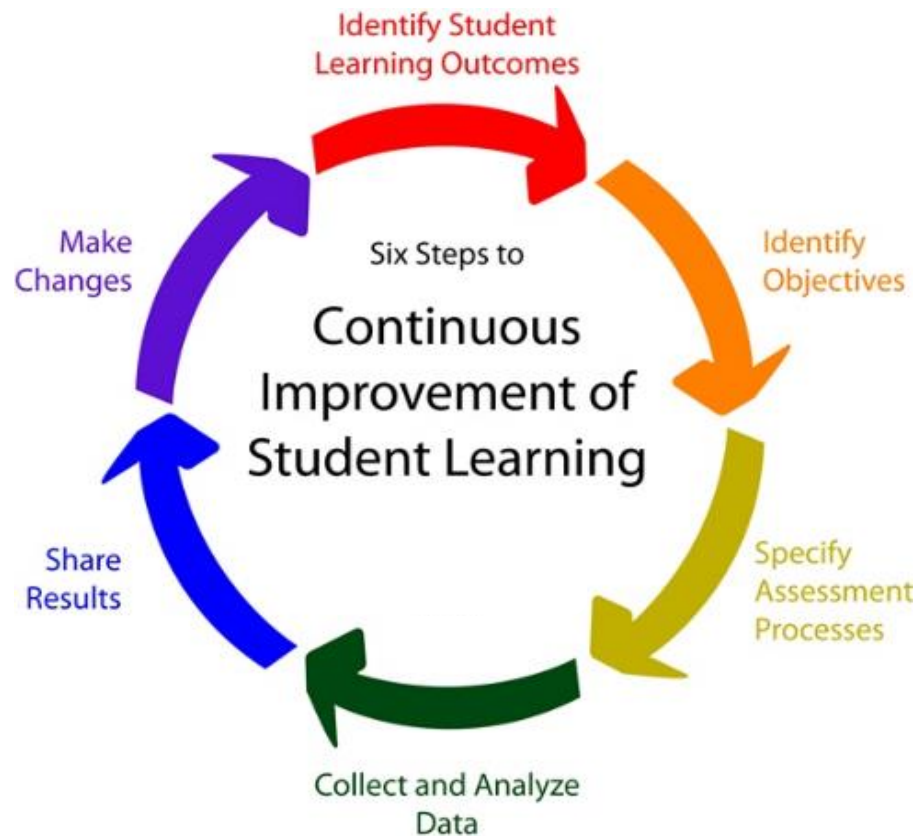
- Indirect measures provide a view of student learning; for example, *attitudes, perceptions, feelings, values*, etc.
- Indirect measures imply student learning by employing *self-reported data* and reports.
- Indirect measures help to substantiate instances of student learning.
- Indirect measures include *surveys, interviews, course evaluations*, and reports on retention, graduation, and placement, etc.
- These measures are commonly *in conjunction with direct measures* of student learning.

ent with each statement be circling a number

Strongly Agree	Neither Agree Nor Disagree		Strong Disagree	
5	4	3	2	1
5	4	3	2	1
5		3	2	



The Challenge



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.



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Global Business Education Assessment



EvaluaSkills: Workplace Skills Assessment



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Global Business Education

Academic Programmatic Assessment



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Solution Objectives

- + Provide a meaningful, cost-effective, and practical solution to the evaluation of programmatic learning outcomes.
- + Conduct comparisons of the program's results to one or more external aggregate pools.
- + Conduct internal analysis of the program.
- + Directly measure retained student knowledge.
- + Address accreditation requirements.

Global Business Education 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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Global Business Education Assessment

Solutions to measure and build skills:

- + *Critical Thinking / Problem Solving*
- + *Leadership*
- + *Career Management*

Address Career Readiness Competencies by:

- Identifying where gaps in performance exist due to conceptual errors or wrong conclusions
- Measuring students' proficiency in concepts and practices of leadership
- Demonstrating students' technical knowledge in industry-specific competencies



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Global Business Education Assessment Solution

Peregrine Global Solutions provides normed, summative assessment solution for Global Business Education (GBE) academic programs used for **internal and external programmatic evaluation**.

The customizable solution is easily managed and can be effectively integrated for any business program to **evaluate retained student knowledge** associated with the program's learning outcomes.

The assessment solution is specifically designed to address **programmatic accreditation requirements** related to learning outcomes assessment, quality assurance, and external academic benchmarking.



Global Business Education

Academic Programmatic Assessment

Peregrine Academic Services provides internationally normed, summative assessment services for Business Administration academic programs that are used for internal and external programmatic evaluation. The customizable exams are delivered online and can be effectively integrated into any undergraduate or graduate program to comprehensively evaluate retained student knowledge associated with the academic degree program's learning outcomes.

The assessment service is specifically designed to address AACSB, ACBSP, IACBE, AMBA, and EFMD accreditation requirements related to learning outcomes assessment, quality assurance, and external academic benchmarking.

Structure

It is a fully online assessment with a unique design that allows for non-proctored administration to both on-campus and remote students in a secure test environment.

Topics

The assessment offers 12 core business program topics to create an assessment customized to your needs.

Customization

Our flexible design lets you create assessments that best align with your Business Administration general program as well as specializations.

Support

Unmatched client support to assist with your test administration and report interpretation every step of the way. We also provide LTI integration so that the assessment can be administered through a course shell within your school's LMS.

Comprehensive Reporting

You receive immediate access to all institutional and individual assessment scores/results. This intuitive and flexible reporting system generates a wide range of comparative reports across time, cohorts, to name a few, for sophisticated in-depth analysis.

+

For a full tour of this dynamic assessment resource, contact us today!

+1 (307) 686-1566
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PeregrineAcademics.com



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The Accreditation Relationship

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



Learning Outcomes | Quality Assurance | Direct Measurement | Programmatic Evaluation



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Key Features

- + **Build a specific assessment solution aligned with learning outcomes by selecting from 12 available business and management topics, and 3 India specific topics.**
- + **Integrate directly into the learning management system (LMS) for seamless delivery to the students and automated gradebook posting.**
- + **Choose from two test banks:**
 - undergraduate & graduate.**
 - + **Client Admin with 24/7 unlimited access to the individual student results and analysis reports.**
 - + **Benchmarking of scores with other institutions based on institutional demographics**
 - + **Randomized exam question delivery that does not require an exam proctor.**
 - + **Use Inbound and Outbound Approach**



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GBE Language Options...

**A Business/Management Exam Service in English
(British), translated into:**

- **German**
- **Spanish**
- **French**
- **Portuguese**
- **Mongolian**
- **Russian**



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13 Global Business Education Topics

Each GBE Topic has 4-8 Subjects

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



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#13: India Specific Custom Topics

- 1. India Specific Accounting**
- 2. India Specific Business
Finance**
- 3. India Specific Legal
Environment of Business**



Topics composed of 4-8 subject areas

EXAMPLE: Business Integration and Strategic Management

Subjects

- **Environmental Analysis** (*Questions related to the business's operating environment*)
- **Stakeholder Analysis** (*Questions related to how to define the organization's stakeholders and how to conduct a stakeholder analysis*)
- **Strategic Analysis** (*Questions related to SWOT analyses, joint ventures, and the industry life cycle*)
- **Strategic Management** (*Questions related to the assessing both the internal and external environments, strategic thinking, and the major activities associated with strategic management*)
- **Strategic Operations** (*Questions related to the industry life cycle, the learning curve, transaction cost analysis, and management of resources*)
- **Strategy and Decision-Making** (*Questions related to market penetration, competitive advantage, strategic thinking, resource use, diversification, and corporate-level decision-making*)



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The Inbound-Outbound Assessment Approach

- + Comparison of Inbound and Outbound Exam scores is the **direct measure of learning**.
- + The comparison of the cumulative results with other institutions is used for **academic benchmarking**.

The Online Exam ...

To ensure your preparation, please read the following:

You are allowed **two 15-minute break(s)** during the assessment.

All questions are timed. You will have **3.0 minutes** to complete each question.

You must select "Record Answer" to proceed to the next question. DO NOT let the time limit advance automatically to the next question otherwise your response will not be recorded.

You cannot go back and review previously answered/unanswered questions.

You have **30.2 hour(s)** left to complete the assessment and **2 access attempts** left.



I understand the structure and time constraints of this exam.

- **10 Questions Per Topic.**
- **Exams typically include 8-12 topics (80-120 Questions).**
- **Results in a completion certificate that is**
- **submitted for academic accountability.**
- **Outbound Exams are usually graded to encourage the students to do their best.**
- **The service can be integrated into the LMS.**



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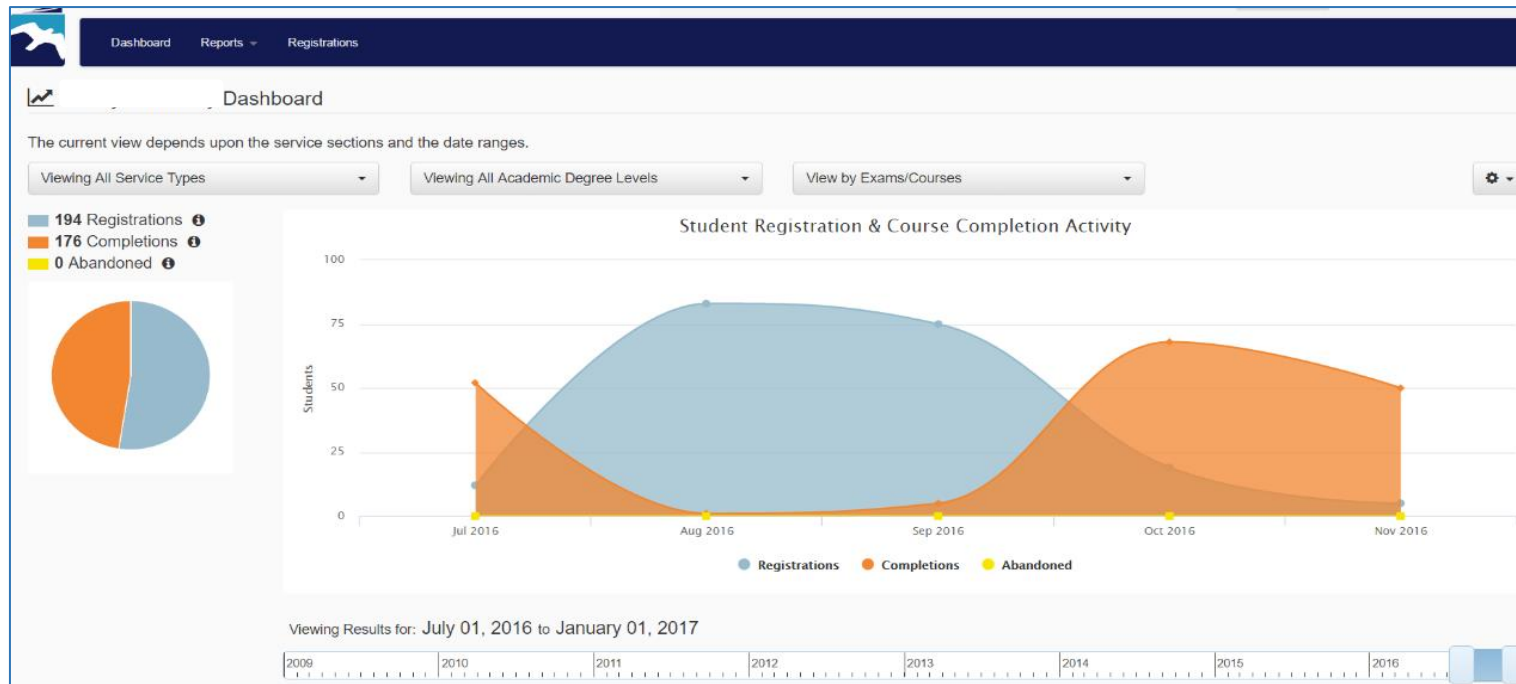
Expansive Reporting Capabilities

- The Internal Analysis Report
- The External Comparison Report
- The Program/Cohort Comparison
- The Response Distractor Report
- The Longitudinal Report
- Aggregate Extraction Reports
- Client Schools in Aggregates Report
- Pairwise Report
- **Student Survey Report**



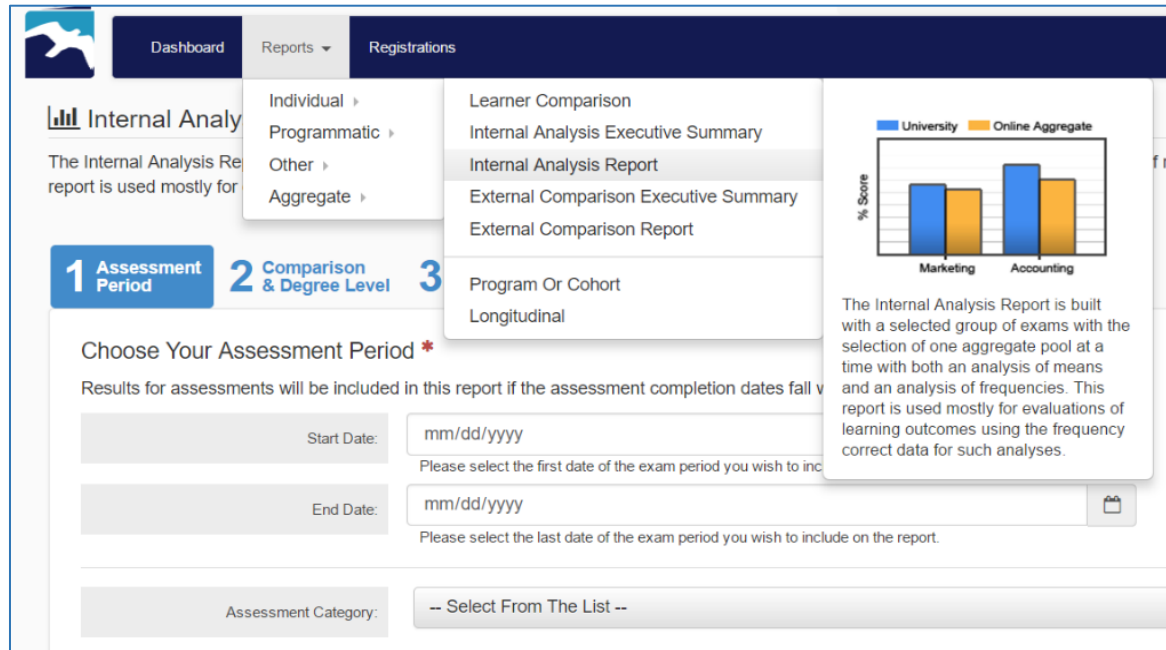
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Client Admin Access for Reports and Registration Management



The service includes 24/7 access to Client Admin, where school officials track student progress and generate reports, both individual and summative.

The Internal Analysis Report



Internal Analysis Report

The Internal Analysis Report is used mostly for

1 Assessment Period **2 Comparison & Degree Level** **3**

Choose Your Assessment Period *

Results for assessments will be included in this report if the assessment completion dates fall v

Start Date: mm/dd/yyyy
Please select the first date of the exam period you wish to include on the report.

End Date: mm/dd/yyyy
Please select the last date of the exam period you wish to include on the report.

Assessment Category: -- Select From The List --

University **Online Aggregate**

% Score

Marketing **Accounting**

The Internal Analysis Report is built with 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 frequencies. This report is used mostly for evaluations of learning outcomes using the frequency correct data for such analyses.

The Internal Analysis Report is most commonly used for learning outcomes analyses. 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.

The External Comparison Report

Dashboard Reports Registrations

External Comparison

The External Comparison Report shows the school's inbound/outbound exam results compared to one or more selected aggregate pools. Up to 5 aggregate pools can be selected for comparison purposes.

1 Assessment Period 2 Comparison & Degree Level 3 Program Or Cohort

External Comparison against Business (BUS)*

Which academic degree level would you like to compare against?

Associate Bachelors Masters Doctoral

Choose the Aggregate Pools for External Benchmarking *

Please select up to 5 aggregate pools against which to benchmark.

AACSB

☐ AACSB Members - The Assoc. to...

ACBSP

☐ ACBSP (US) - Accreditation Council for Business Schools and Programs

☐ ACBSP Region 1 (Northeastern Council)

☐ ACBSP Region 2 (Eastern Council)

☐ ACBSP Region 3 (Southeastern Council)

☐ ACBSP Region 4 (Great Lakes Council)

☐ ACBSP Region 5 (Midwestern Council)

☐ ACBSP Region 6 (Southwestern Council)

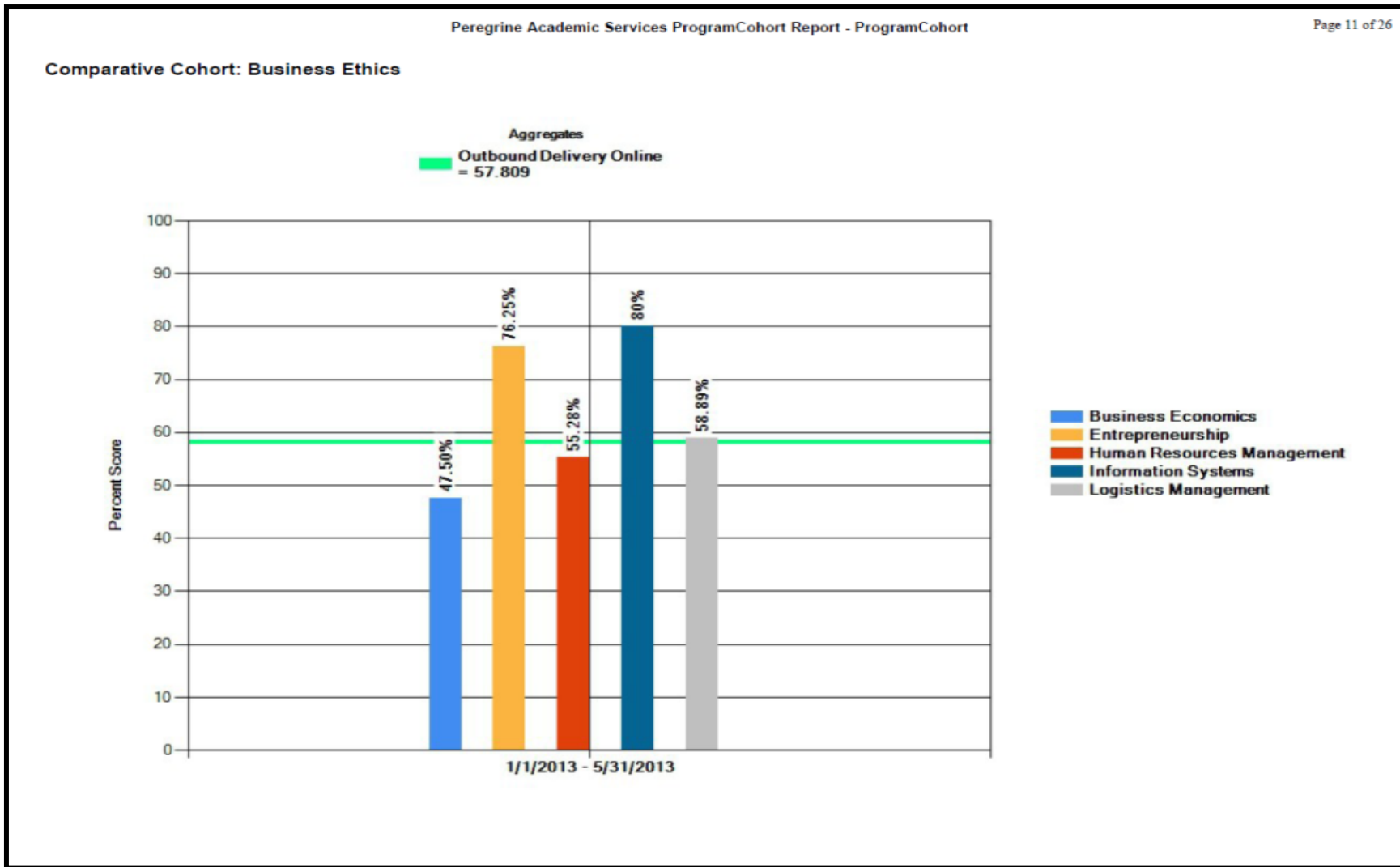
☐ ACBSP Region 7 (Western Council)

☐ ACBSP Region 8 (International Council)

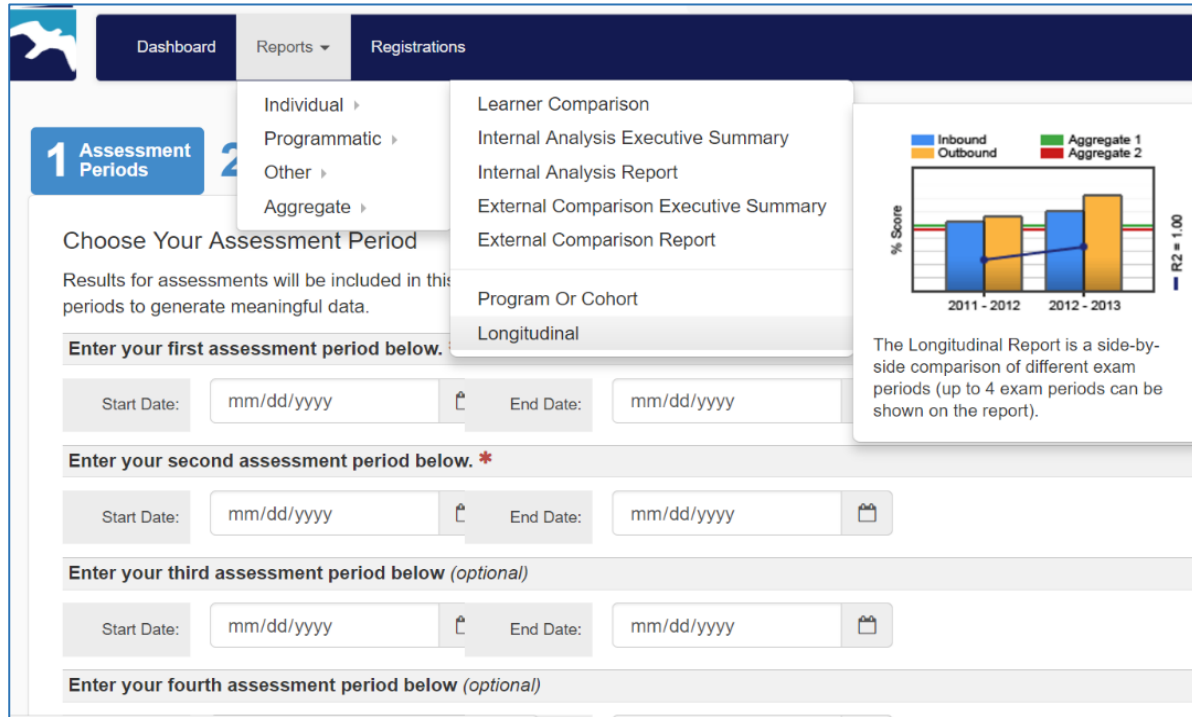
Delivery Modality

With the External Comparison Report up to 5 different aggregate pools can be chosen and used to compare against the school's results for external benchmarking.

Report Section: *Topic/Subtopic Analysis*



The Longitudinal Report



The screenshot shows the 'Reports' dropdown menu with 'Longitudinal' selected. The main form area is titled 'Choose Your Assessment Period' and contains four sections for entering assessment periods, each with 'Start Date' and 'End Date' fields. A legend on the right indicates 'Inbound' (blue), 'Outbound' (orange), 'Aggregate 1' (green), and 'Aggregate 2' (red). A bar chart shows '% Score' for '2011 - 2012' and '2012 - 2013' periods. A text box explains that the Longitudinal Report is a side-by-side comparison of different exam periods (up to 4 exam periods can be shown on the report).

Dashboard Reports Registrations

1 Assessment Periods

Individual ▶
Programmatic ▶
Other ▶
Aggregate ▶

Learner Comparison
Internal Analysis Executive Summary
Internal Analysis Report
External Comparison Executive Summary
External Comparison Report
Program Or Cohort
Longitudinal

Choose Your Assessment Period

Results for assessments will be included in this periods to generate meaningful data.

Enter your first assessment period below.

Start Date: mm/dd/yyyy End Date: mm/dd/yyyy

Enter your second assessment period below. *

Start Date: mm/dd/yyyy End Date: mm/dd/yyyy

Enter your third assessment period below (optional)

Start Date: mm/dd/yyyy End Date: mm/dd/yyyy

Enter your fourth assessment period below (optional)

% Score

Inbound Outbound Aggregate 1 Aggregate 2

2011 - 2012 2012 - 2013

R2 = 1.00

The Longitudinal Report is a side-by-side comparison of different exam periods (up to 4 exam periods can be shown on the 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.

Student Completion Certificate

Students receive a completion certificate summarizing results, with a breakdown of subject-specific results

Administrators can download all student results.

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Certificate of Completion

This is to certify that Student Name
has completed the course/exam

Post-Program Assessment (Outbound)

on Date
with University Name

Topics	# Correct	Score
Accounting	4 correct out of 10	40%
Business Finance	9 correct out of 10	90%
Business Integration and Strategic Management	8 correct out of 10	80%
Business Leadership	10 correct out of 10	100%
Economics / Macroeconomics	5 correct out of 5	100%
Economics / Microeconomics	5 correct out of 5	100%
Legal Environment of Business	10 correct out of 10	100%
Management / Human Resource Management	2 correct out of 3	66.67%
Management / Operations/Production Management	3 correct out of 4	75%
Management / Organizational Behavior	3 correct out of 3	100%
Marketing	9 correct out of 10	90%
Quantitative Research Techniques and Statistics	7 correct out of 10	70%

Score: **83.3%**

Your total score of **83.3%** is at the **94th** percentile of all other exam scores completed by students in the US region(s). This means that your exam total score was equal to or higher than **94%** of other students who completed the same exam in the US region(s). For information related to how the score is used by your institution for grading purposes and/or academic credit, please refer to your course syllabus or instructions from your institution.

Outbound

3/3 = 100.00
1/3 = 33.33
0/4 = 0.00
40.00%
1/2 = 50.00
1/1 = 100.00
5/5 = 100.00
2/2 = 100.00
90.00%
1/1 = 100.00
1/1 = 100.00
2/2 = 100.00
0/1 = 0.00
0/1 = 0.00
2/2 = 100.00
1/1 = 100.00
1/1 = 100.00
80.00%
2/2 = 100.00
2/2 = 100.00
2/2 = 100.00
4/4 = 100.00
100.00%
1/1 = 100.00
1/1 = 100.00
1/1 = 100.00
1/1 = 100.00
1/1 = 100.00
100.00%
2/2 = 100.00
1/1 = 100.00
2/2 = 100.00
100.00%
1/1 = 100.00
1/1 = 100.00
2/2 = 100.00
1/1 = 100.00
4/4 = 100.00
1/1 = 100.00
1/1 = 100.00
100.00%
1/1 = 100.00
1/1 = 100.00
0/1 = 0.00
Average: 66.67%
0/1 = 0.00

Legend

Raw Score	Relative Interpretation of Competency
80-100	Very High
70-79	High
60-69	Above Average
40-59	Average
30-39	Below Average
20-29	Low
0-19	Very Low

The results from the CPC-based COMF exam are relative, meaning they must be taken in context with all student results. The scores obtained on the exam do not correspond directly to a traditional 100 point grading scale commonly used in academics. Instead, the scores are relative. The following table can be used to help you to understand how your scores relate to the averages.

Human Resource Planning, Assessing, and Inventories
Recruiting and Retention

Operations/Production Management
Management Decision-Making



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Review of Key Features...

- ❑ **Aligned with learning outcomes** by selecting from 12 available business/management topics and 3 India specific topics.
- ❑ **Integrate directly** into the Learning Management System (LMS).
- ❑ **Undergraduate & Graduate** test banks.
- ❑ **Client Admin with 24/7** unlimited access to the individual student results and analysis reports.
- ❑ **Benchmarking of scores** with other institutions based on the demographical characteristics of the institutions.
- ❑ **Extensive security measures** to enable online testing with or without a proctor.
- ❑ **Addresses accreditation** requirements



Thank You!

Questions?

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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



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We are catalysts for change.

We believe that we can contribute to improving the quality of higher education.

We believe we can develop values-based leaders who make a difference in our world.

We lead change by leveraging a diversity of talented people across a broad spectrum of disciplines, backgrounds, experiences, and cultures.

Together with our clients and partners, we believe that we can change the world.



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