

AUDIT ANALYTICS 1

Advanced Cases in Assurance Services (ACCTG 521)
Class 8 | MPAcc class of 2026

Agenda

Review

Overview

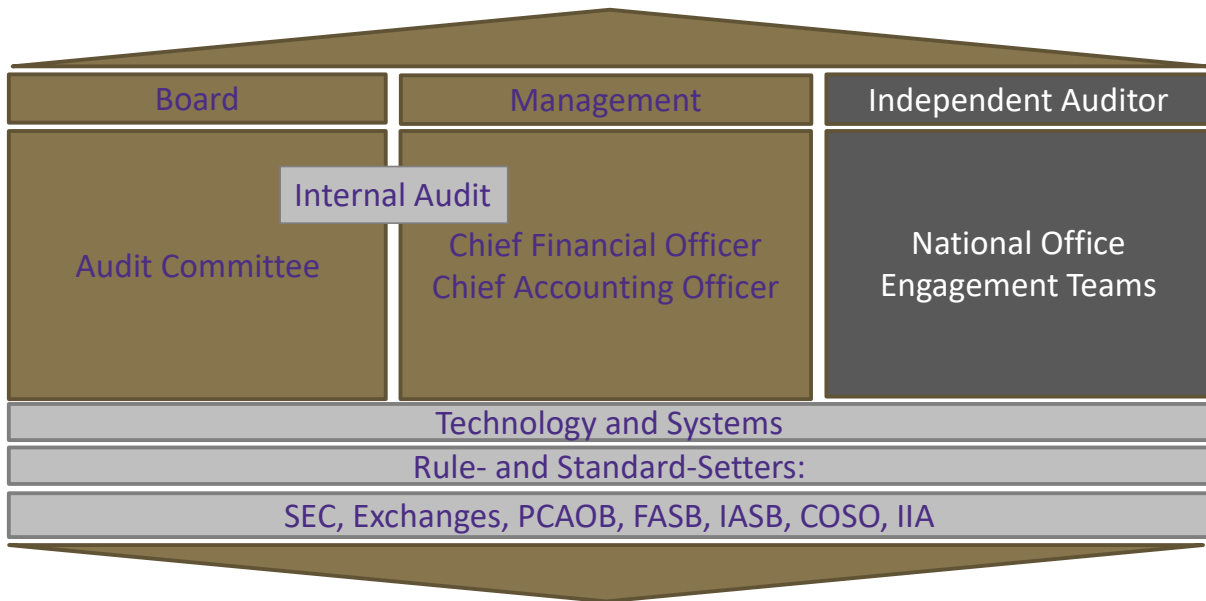
Labs (in assessment teams)

- Helix Overview
- Helix Revenue Audit Case

Why is transaction analysis important?

- **Better financial reporting governance leads to better quality financial reporting.**
 - External auditors provide opinions a company's financial statements are **presented fairly**, in all material respects, in accordance with financial reporting framework (such as GAAP).
 - **Transaction analytics** for fraud prevention and detection is seen as a major step **towards efficiently reducing fraud**.

Effective Financial Reporting Governance



Sound Financial Reporting

Agenda

Review

Overview

Labs (in assessment teams)

- Helix Overview Case
- Helix Revenue Audit Case

Peach State University Hotel

Three parts:

1. Introduction and Revenue (Today)
2. Extended Audit Investigation (Thursday)
3. Client Interview (Next Tuesday)

Agenda

Review

Overview

Labs (in assessment teams)

- Helix Overview Case
- Helix Revenue Audit Case

Labs Overview

We will work through two cases, each of which will be led by a different team (using my laptop).

- Open a shared google doc, with all team members and share it with me (abcurtis@uw.edu).
- Take notes about each Tableau Dashboard (listed on next slide) including what it is used for and brief answers to the case questions

Dashboards

- Balance Sheet Analysis
- Income Statement Analysis
- Monthly activity analysis
- Dimension Analysis
- Date analysis
- Gross margin analysis
- Relationship analysis
- General ledger statistics
- Journal entry line items
- Journal entry summary and details

Overview case

“Analytics_mindset_case_studies_PSU_Hotel_understanding_audit_analytics.pdf”

Team	Leading case section:	Team	Leading case section:
AKRJ	1. Balance sheet analysis	MJMF	2. Income statement analysis
BIAG	3. Monthly activity analysis	WYWR	4. Dimension analysis
RKNEA	5. Date analysis	CNET	6. Gross margin analysis
CSLM	7. Relationship analysis	RFDGP	8. General ledger statistics
GBZ	Monthly Activity Analysis*	SCP	B/S and I/S Analysis*

Revenue Case

Teams will lead assigned sections.

- Again, using my laptop.
- Continue taking notes in the shared documents, updating the material under the relevant dashboards we use for the revenue audit.
- No other required deliverables for today, keep your shared documents to help on Thursday.

Team	Lead the class assignment:
SCP	Part 1a (Income statement) and 1b (balance sheet)
CSLM	1c (Monthly activity analysis)
RFDGP	1d (Dimension analysis)
MJMF	1e (Journal entry line items)
BIAG	1f (Dimension analysis)
CNET	1g (Dimensions analysis)
WYWR	1h (Balance sheet analysis)
GBZ	2a (Substantive: Monthly activity analysis)
RKNEA	2b (Substantive: Gross margin analysis)
AKRJ	2c (Substantive: Date analysis)

Thank you!

