

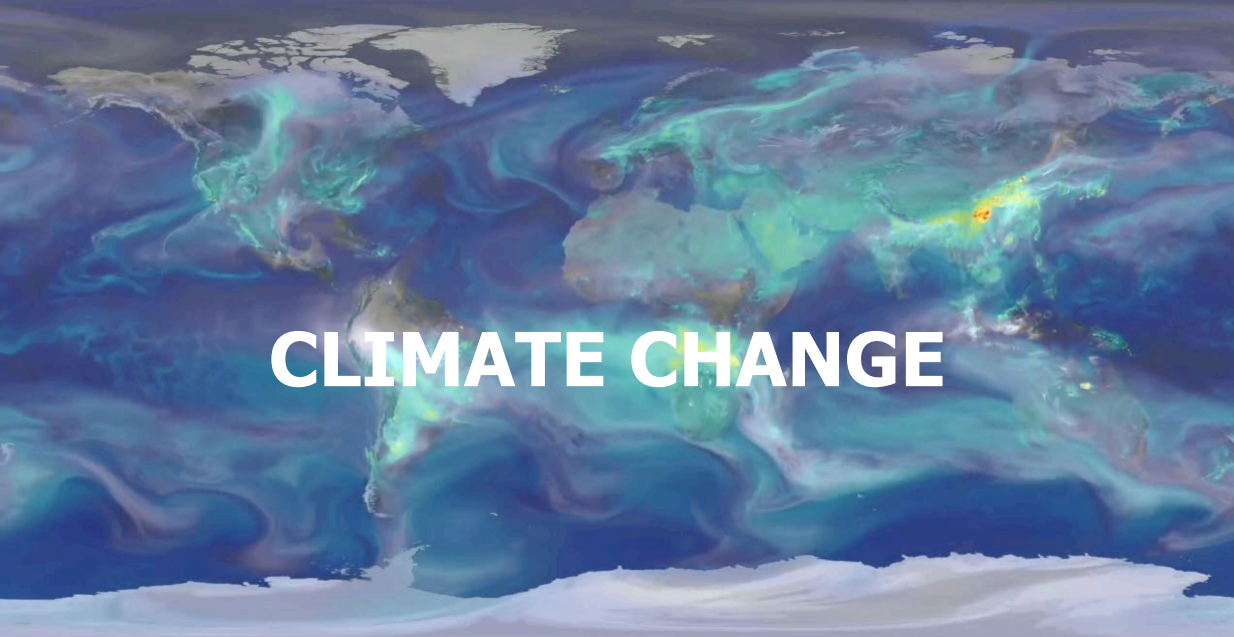


Creating a Recognition Eco-System

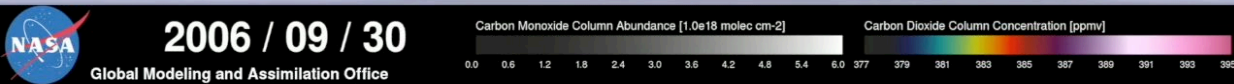
Dr Robert Kay, Founding Director

UNLOCKING
SKILLS.
EMPOWERING
FUTURES.

EMPOWERING

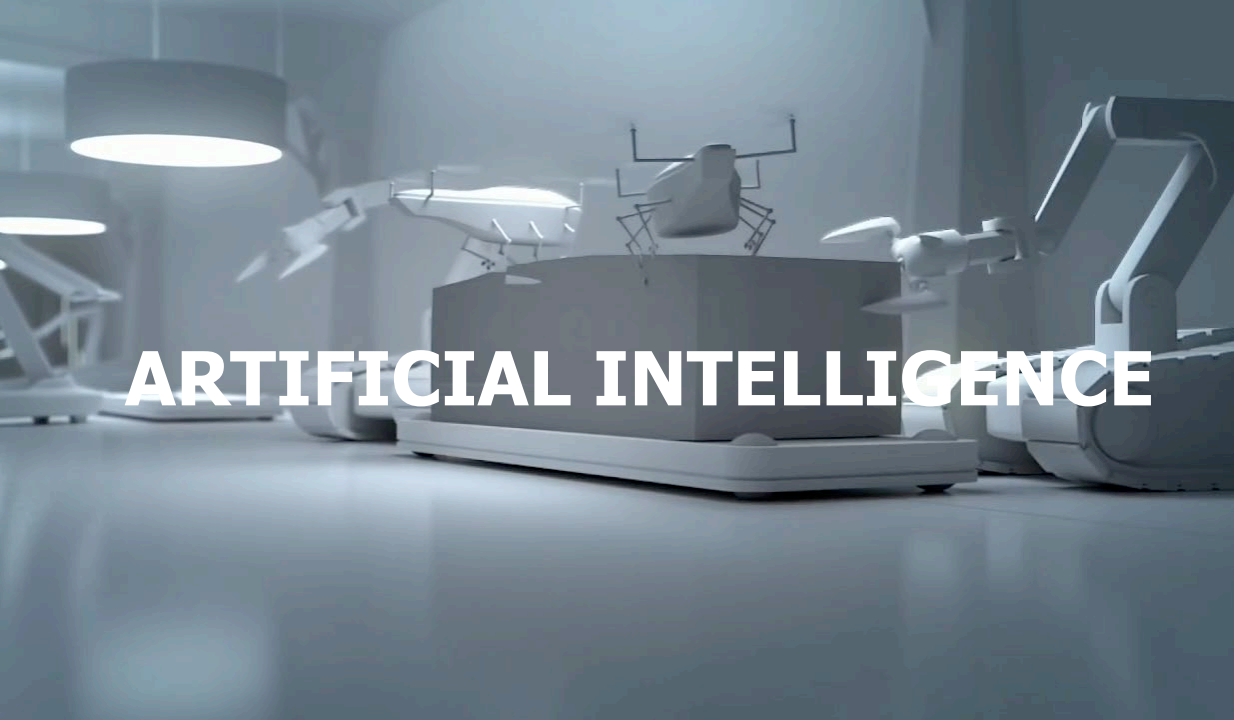


CLIMATE CHANGE

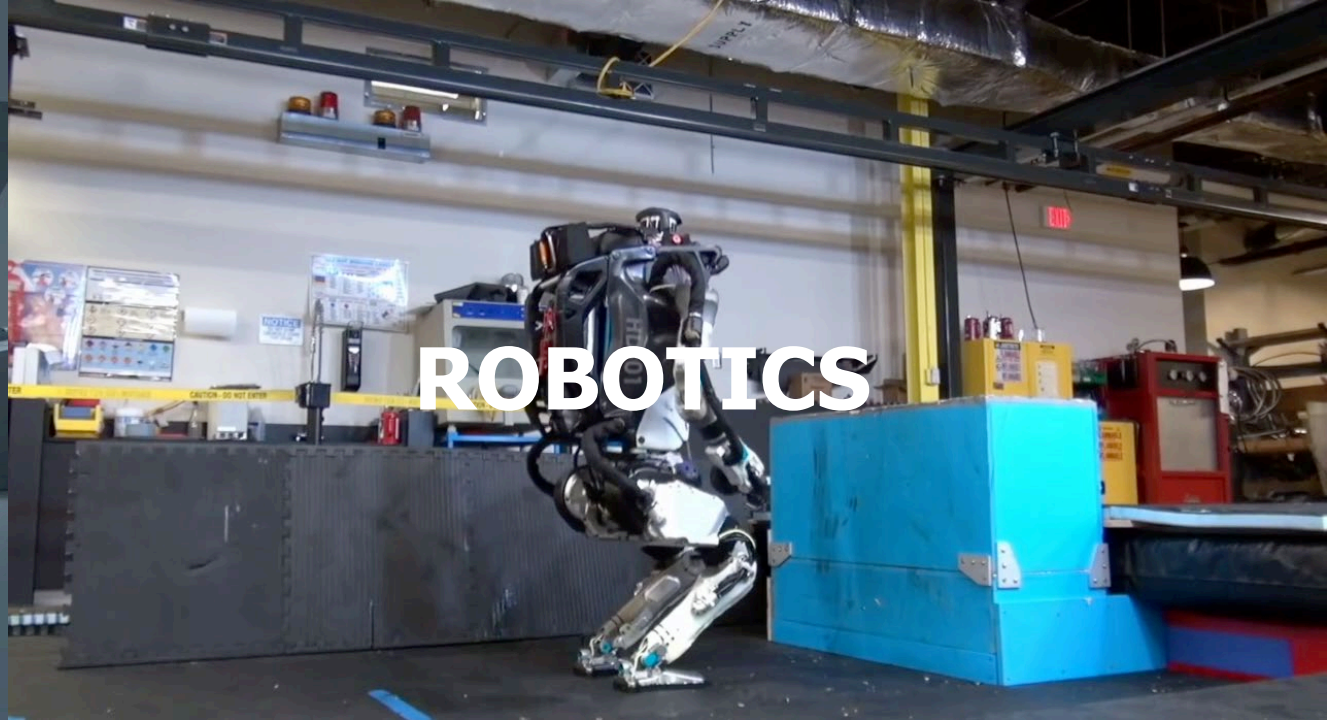


POPULATION

1544 C.E. EUROPEAN EXPLORATION

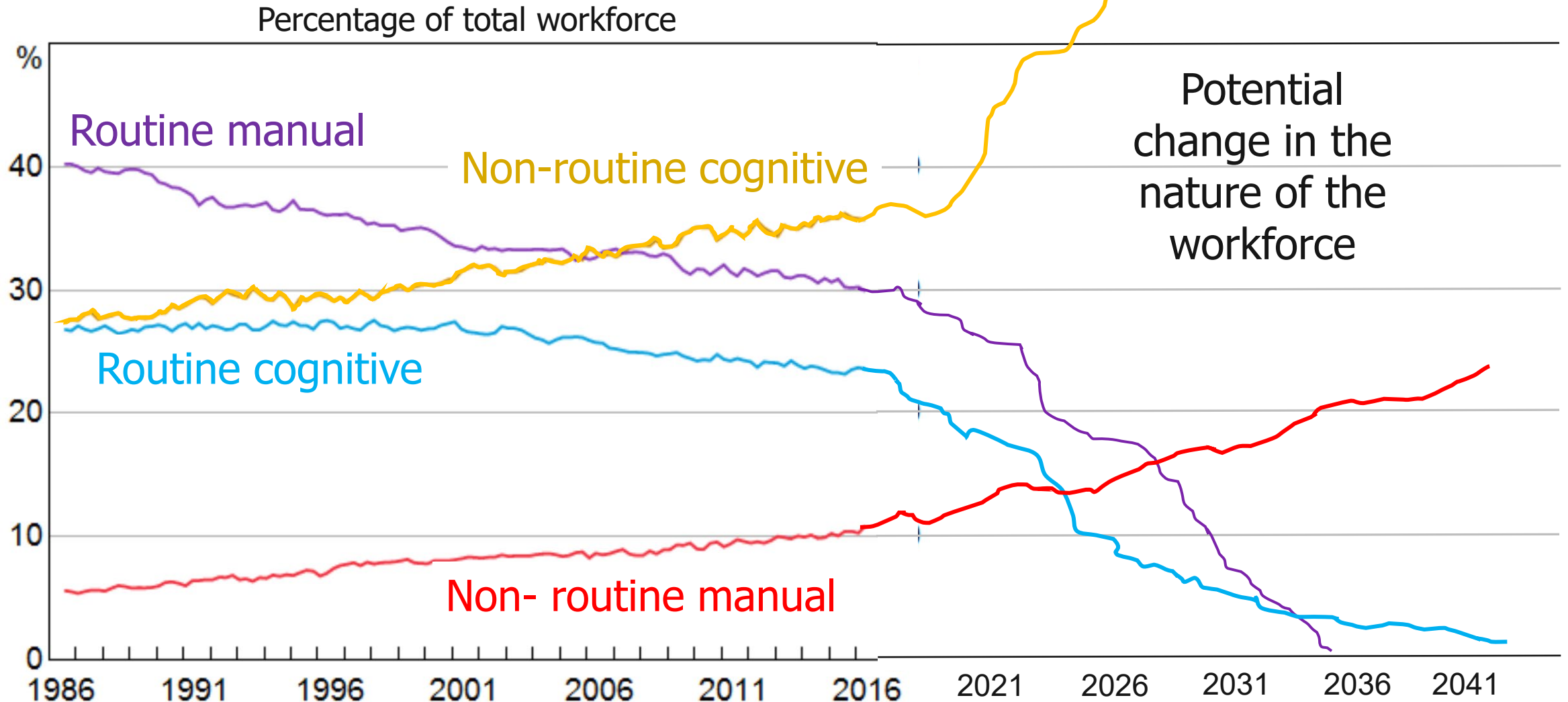


ARTIFICIAL INTELLIGENCE



ROBOTICS

Workforce trends



Potential
change in the
nature of the
workforce

The Problem to be Solved



A wide range of industries are experiencing significant **skill shortages**.

Accounting is one of them.

Recognition systems should be part of the solution – not the problem

Starting a new eco-system

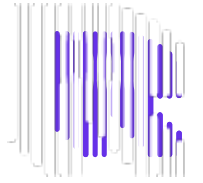


The Institute of Public Accountants is one of 3 professional accounting bodies in Australia.

It is also one of the 180 IFAC recognised accounting bodies worldwide.



A traditional professional pathway

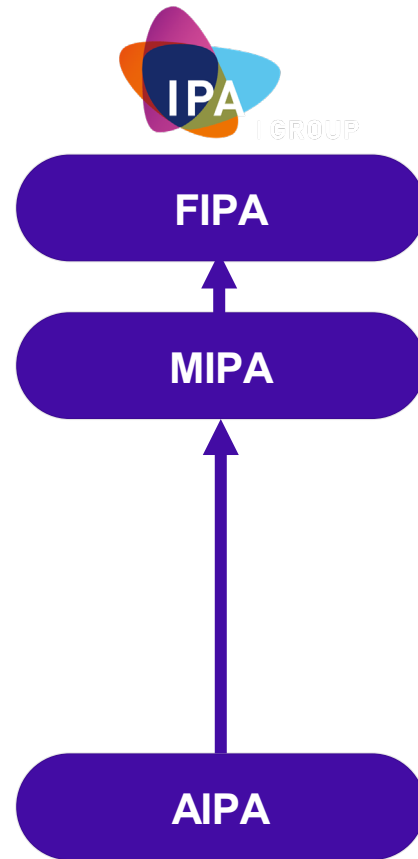


Traditional Volume
of Learning

7 Years

PG

Diploma / Degree



- Limited mutual recognition
- Inflexible
- Expensive
- Results in graduates who can't do the job
- Employer dissatisfaction

Design Goals



Objectives

Uphold & improve professional standards

Improve the quality of graduates

Increase accessibility flexibility & reduce rework

Address skills shortages



Design Principles

Easily adaptable to industry needs

Competency-based assessment

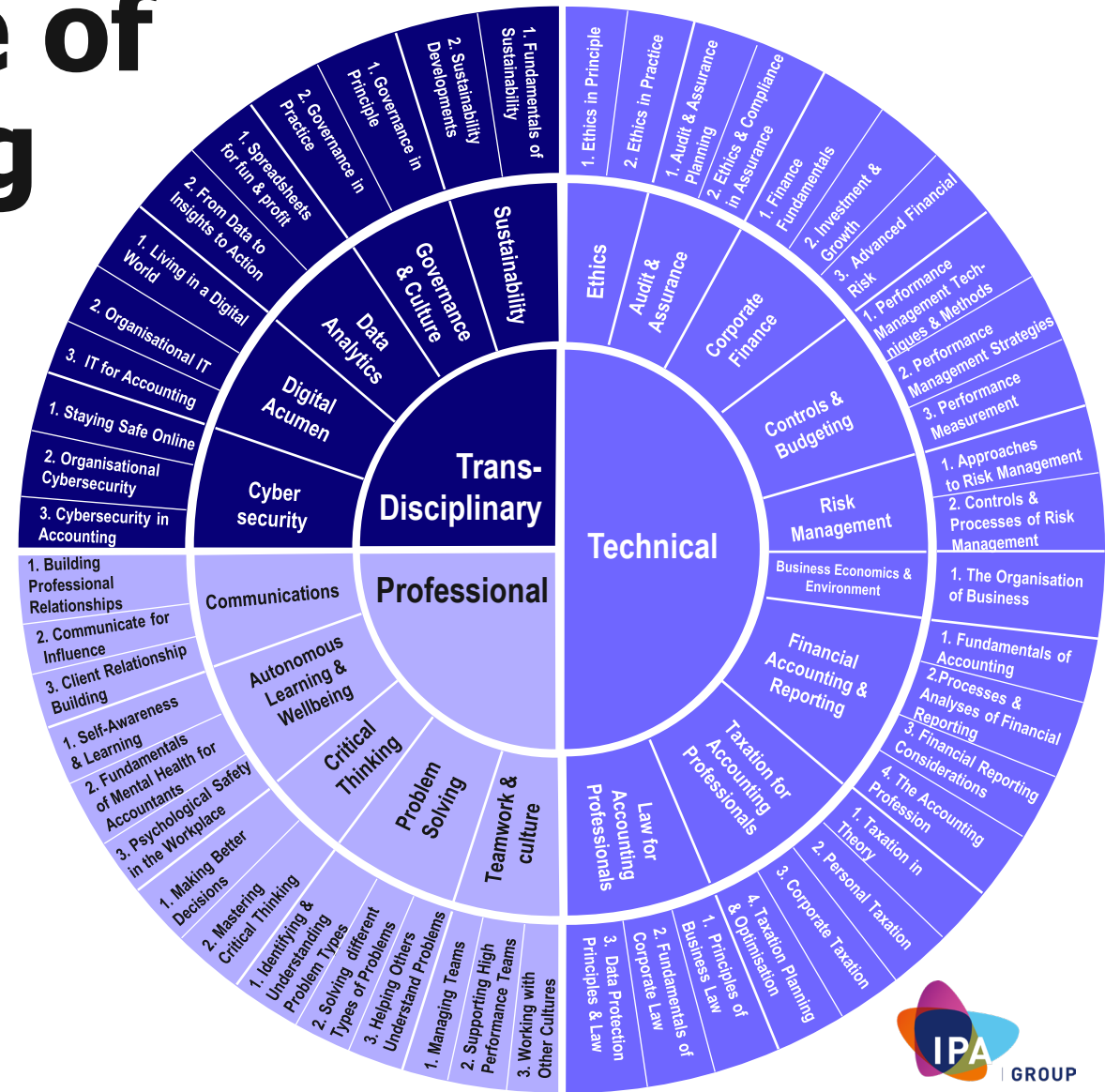
Stackable (enable a wide range of forms of evidence)

Reduce time to qualification through granular RPL

Global Certificate of Public Accounting



- 3 Competency domains:
 - Technical
 - Transdisciplinary
 - Professional
- Divided into 19 Sub-domains
- 50 microcredentials mapping to 504 competencies in the IPA competency framework.



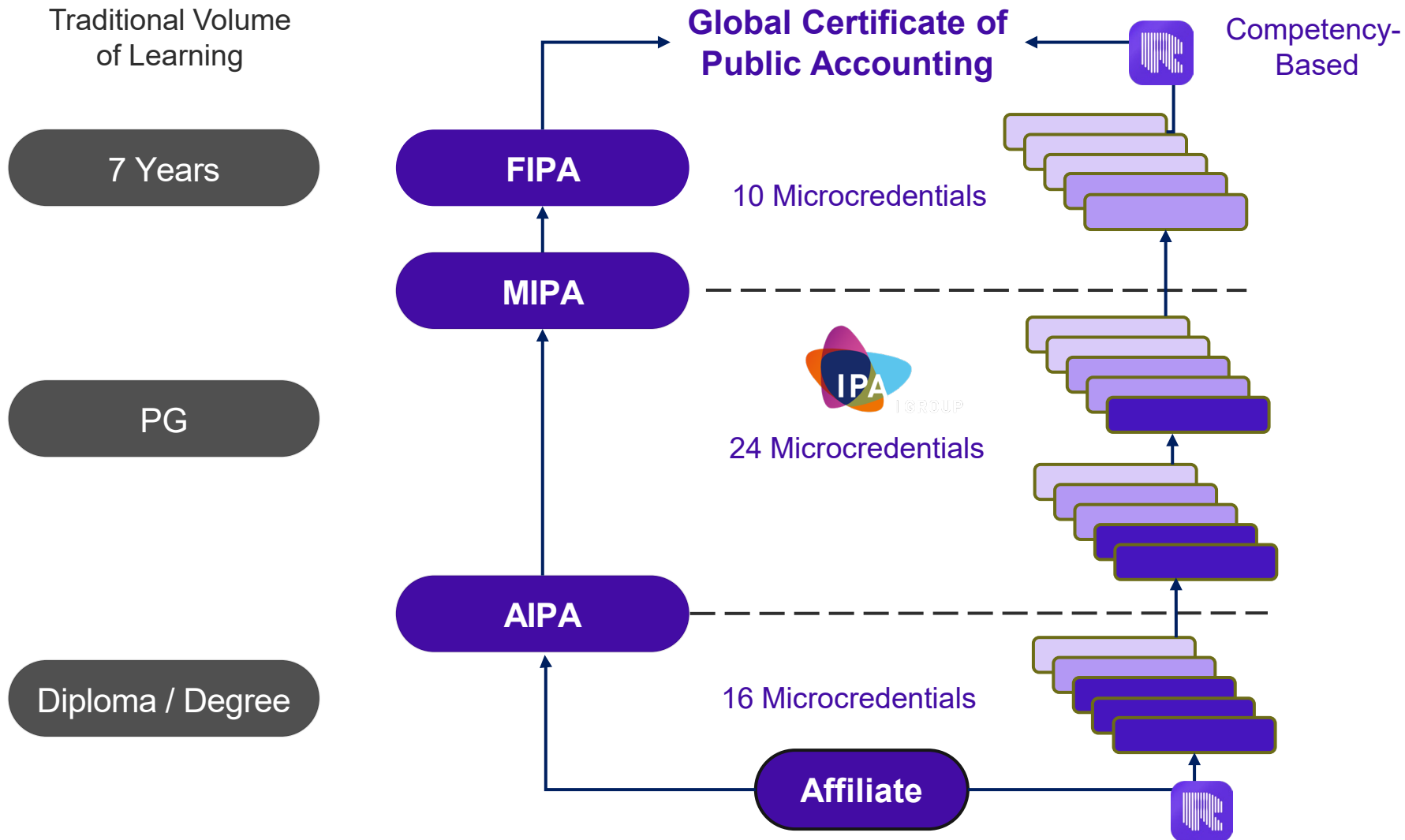


Knowledge Dimension		Cognitive Process										
		1. Remember		2. Understand							3. Apply	
		1.1	1.2	2.1	2.2	2.3	2.4	2.5	2.6	2.7	3.1	3.2
A. Factual	AA	MC SA	MC SA	SA	MC SA	MC SA	SA Essay	MC SA	MC SA Essay	Essay Int MC SA		
	AB	MC SA	MC SA	MC SA	MC SA	MC SA	SA Essay	MC SA Essay	MC SA Essay	Essay Int		
B. Conceptual	BA	MC SA	MC SA	SA Essay	MC SA Essay	MC SA MC	SA Essay	MC SA Essay	MC SA			
	BB	MC SA	MC SA	SA Essay Int Pres	SA Essay Int Pres	MC SA	SA Essay Int Pres	SA Essay Int Pres	SA Essay Int Pres	Essay Int Pres SA		
	BC	SA Essay	SA Essay	SA Essay Int Pres	SA Essay Int Pres	MC SA Essay Int Pres	SA Essay Int Pres	SA Essay Int Pres	SA Essay Int Pres	SA Essay Int Pres		
C. Procedural	CA	MC SA	MC SA Essay	Dem Essay Int	Dem Essay Int	MC SA	SA Essay Int Pres	Dem Essay Int	Dem Essay Int	Dem	Dem	Dem
	CB	SA Essay	SA Essay	Dem Essay Int	Dem Essay Int	Dem Essay Int	Dem Essay Int	Dem Essay Int	Dem Essay Int	Dem	Dem	Dem
D. Meta-cognitive	CC / DA			Dem Essay Int SA	Dem Essay Int SA	Dem Essay Int SA	Dem Essay Int SA	Dem Essay Int	Dem Essay Int	Dem Essay Int	Dem	Dem
	DB	Reflect Dem	Reflect Dem	Reflect Dem	Reflect Dem	Reflect Dem	Reflect Dem	Reflect Dem	Reflect Dem	Reflect Dem		



MC = Multiple choice
SA = Short answer
Int = Interview
Essay = Essay
Dem = Demonstration
Reflect = Reflection
Pres = Presentation

Professional Membership

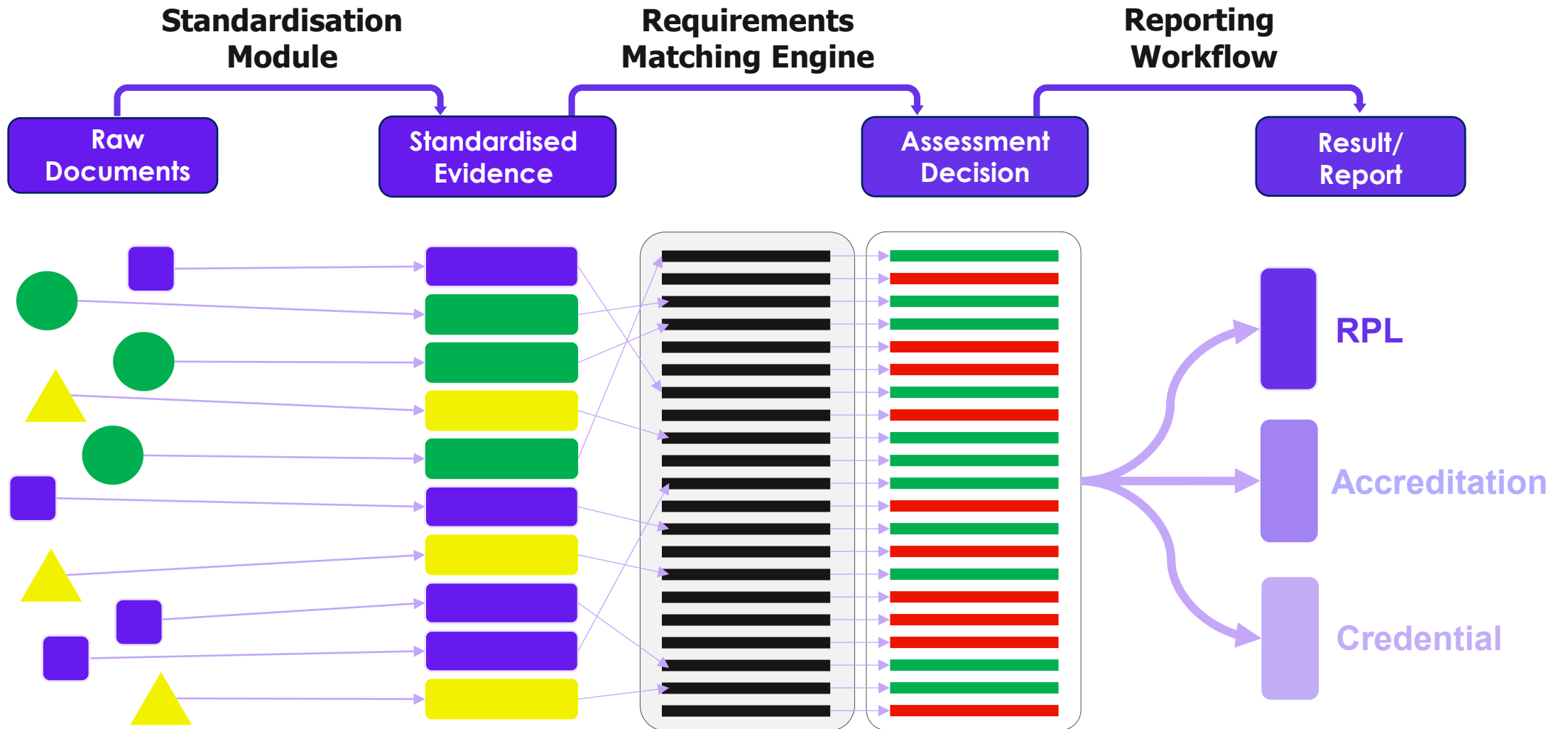


RPL is based on mapping individual competencies, and work experience to the IPA's competency framework.



To enable more efficient mapping of competencies we needed a **system** ...so we started building Ripltec

Step 1: Requirements Matching Engine



Competency Browser



Frameworks

Statements

Competencies

Artefacts

Credentials

Assessments

Programs

Learning Units

Learning Objectives

People

Assessment Instances

Quality Checks

Learning Programs



Name	Provider	URL
ACCA Competency Framework	ACCA	
Bachelors of Science in Accounting and Finance	Bahauddin Zakariya University	https://www.bzu.edu.pk/adv/Final%20Prospectus%202022%20(2).pdf
CA Capability Model	CA ANZ	
Professional Accreditation Guidelines	CA ANZ / CPA Australia	
Bachelor of Commerce (Finance)	Deakin University	https://www.deakin.edu.au/course/bachelor-commerce https://www.deakin.edu.au/courses/major/finance-bachelor-commerce
Bachelor of Commerce - Major in Accounting	Edith Cowan University	https://www.ecu.edu.au/degrees/courses/bachelor-of-commerce/unitset?id=MAAAJK&crsCd=W23
Master of Professional Accounting	Edith Cowan University	https://www.ecu.edu.au/degrees/courses/master-of-professional-accounting
Bachelor in Accounting (Honours)	HELP University	
Diploma of Accounting	Holmesglen	https://holmesglen.edu.au/Courses/Business-and-Finance/Accounting-and-Financial-Services/Diploma-of-Accounting/



Unlocking Skills. Empowering Futures.



Competency Browser



- Frameworks
- Statements
- Competencies
- Artefacts
- Credentials
- Assessments
- Programs**
- Learning Units
- Learning Objectives
- People
- Assessment Instances
- Quality Checks

Learning Program

2608cea8-a324-4bcf-b515-5568b8d383d1



Bachelor in Accounting (Honours) HELP University

Includes

Name	Provider Code	Objectives
Asian Entrepreneurship & Innovation	MGT204	0
Business Analytics for Decision Making	MGT212	3
Business Ethics & Social Responsibility	MGT305	0
Financial Reporting	ACC202	3
Management Accounting 2	ACC201	3
International Economics	ECO203	0
International Business Law	LAW305	0
Co-curriculum – Sports 2	MPU341	0
Corporate Policy & Strategy	MGT303	0
Penghayatan Etika dan Peradaban	MPU318	0
Financial Accounting 1	ACC101	3



Unlocking Skills. Empowering Futures.



Competency Browser



- Frameworks
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- Artefacts
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- Programs
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- People
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Learning Unit

c0ba8694-ebc9-4b0d-9277-5c301c4e9db0

Reporting Framework and Accounting Practice (ACC312)



Part of **Bachelor in Accounting (Honours)**

Includes

Name	Type	Last modified	Competencies Addressed (Direct)
Apply relevant international Financial Reporting Standard in the context of meeting the objective of the conceptual framework and professional ethical requirements (C3, PLO2)		4/3/2025, 9:40:36 am	5 (5)
Determine specific underlying measurement and recognition principles of the respective financial reporting standards pertaining to business acquisition (C4, PLO2)		4/3/2025, 10:04:04 am	6 (6)
Justify the impact of changes and potential changes in accounting regulation on financial reporting (A3, PLO9)		4/3/2025, 10:06:35 am	3 (3)
Explain the concepts, principles and practices that underpin the preparation of and interpretation of corporate report in various contexts (C2, PLO1)		4/3/2025, 10:12:15 am	14 (14)

1 - 4 / 4





Competency Browser

- Frameworks
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6bfcd95-493b-4d38-a8e5-216b4f02a1fd

Objective Name

Evaluate and discuss the role of regulation in financial reporting and the political forces at play

Type

Child Objectives

Name	Type	Delete
------	------	--------

Add Objective

Addressed Competencies

Node text	Process	Preferred Assessment	Assessed	Delete
-----------	---------	----------------------	----------	--------

Add Competency

Start typing to search

Get Scores

Add	Score	Description	Process	Preferred Assessment	GCPA
+	1.000	Analyse the strengths and weaknesses of the financial reporting framework	CHECKING	SHORT ANSWER	INCLUDED
+	0.992	Discuss the role of accounting policies and disclosures in financial statement preparation	ATTRIBUTING	ESSAY	INCLUDED
+	0.979	Evaluate international differences in financial reporting	COMPARING	SHORT ANSWER	INCLUDED
+	0.923	Analyse the conceptual and regulatory framework for financial reporting especially in regard to SMEs	CRITIQUING	ESSAY	INCLUDED
+	0.909	Analyse the role of taxation strategy by companies in balancing their financial and ethical responsibilities	ATTRIBUTING	ESSAY	INCLUDED
+	0.904	Discuss the implications of government regulation on money laundering for companies	SUMMARISING	AT-UNKNOWN	INCLUDED
+	0.889	Evaluate the role of professional bodies in ensuring accountants work ethically and legally	EXPLAINING	ESSAY	INCLUDED
+	0.882	Discuss the role of the professional accounting bodies in ensuring professional standards of practice	EXPLAINING	AT-UNKNOWN	INCLUDED
+	0.851	Summarise processes for organisations' financing and related regulation in the nominated jurisdiction	SUMMARISING	SHORT ANSWER	INCLUDED
+	0.849	Explain the implications of money laundering regulation at a government level for companies	EXPLAINING	SHORT ANSWER	INCLUDED

University LO

AI similarity measure

Competency Browser

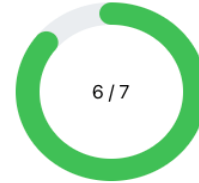


- Frameworks
- Statements
- Competencies
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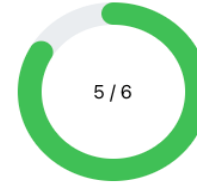
Introduction to Accounting Principles
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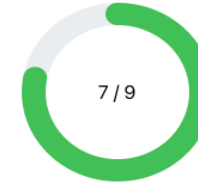
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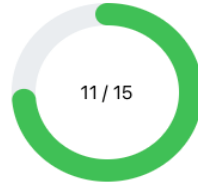
Financial Reporting
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Management for Strategic Performance - Advanced
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Principles of Law for Accounting Professionals
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Financial Accounting 2
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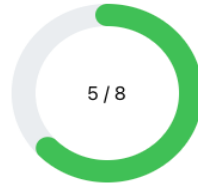
Assurance
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Economics for Business
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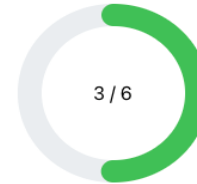
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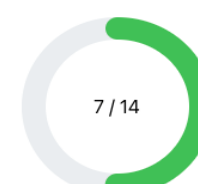
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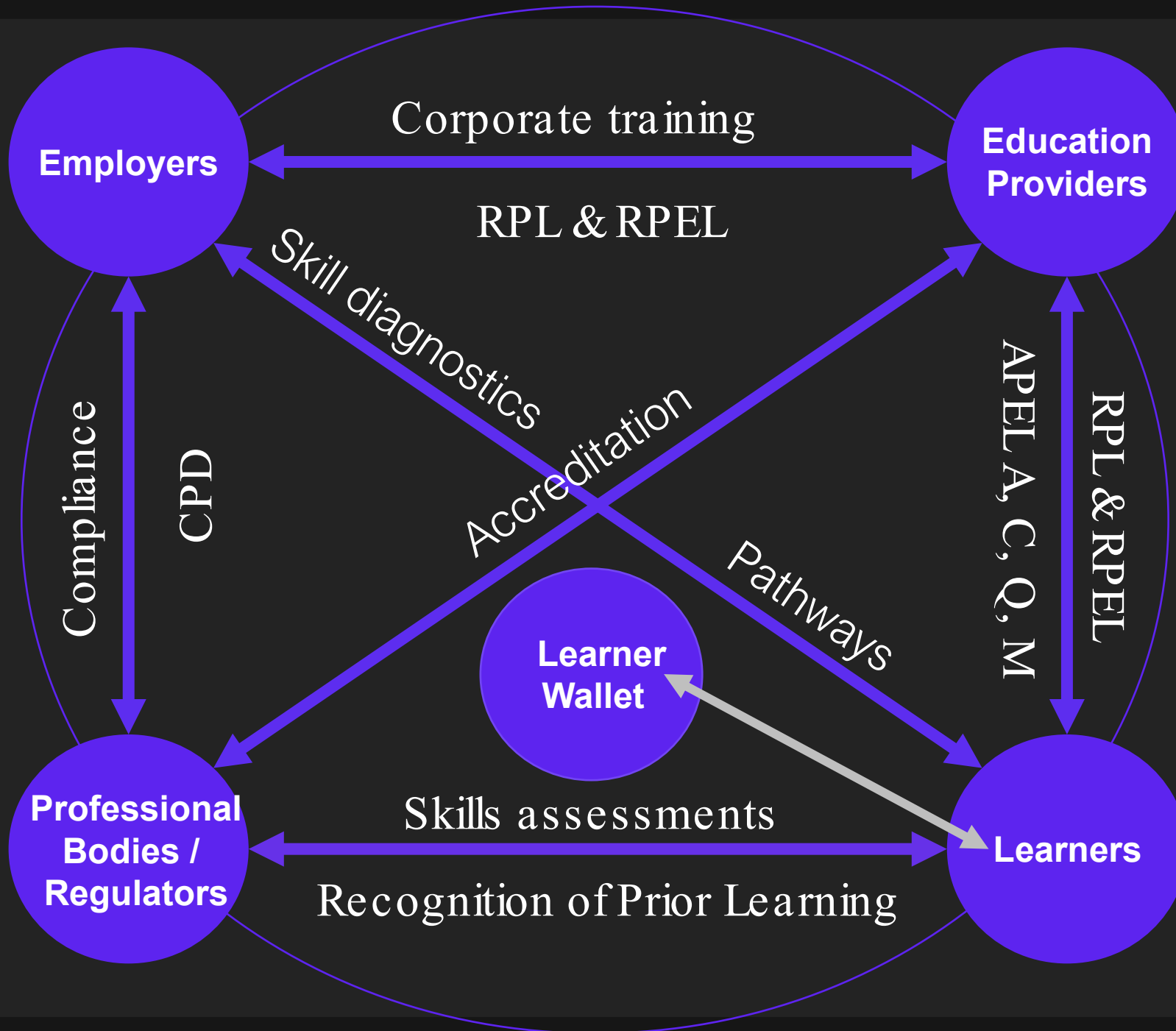


Financial Accounting 1
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Financial and Management Control
bfec884-eaf7-4190-9d9c-a95961ca5c38







Thank You

Dr Robert Kay
Founder & Director

rob.kay@ripltec.com

UNLOCKING
SKILLS.
EMPOWERING
FUTURES.

EMPOWERING