



## UNSW Course Outline

# ACCT5947 CPA Digital Finance - 2024

Published on the 12 May 2024

## General Course Information

**Course Code :** ACCT5947

**Year :** 2024

**Term :** Term 2

**Teaching Period :** T2

**Is a multi-term course? :** No

**Faculty :** UNSW Business School

**Academic Unit :** School of Accounting, Auditing and Taxation

**Delivery Mode :** In Person

**Delivery Format :** Standard

**Delivery Location :** Kensington

**Campus :** Sydney

**Study Level :** Postgraduate

**Units of Credit :** 6

### Useful Links

[Handbook Class Timetable](#)

## Course Details & Outcomes

### Course Description

In today's rapidly evolving digital landscape, including a vast array of new capabilities and use cases, accounting and finance professionals must stay ahead of both the opportunities and challenges presented by emerging technologies and the ways in which they are utilised to disrupt

extant industry practices.

It is imperative to learn to recognise and reap the full benefit of these technologies and the digital finance environment. This course explores the knowledge and skills necessary to understand and navigate the complex world of digital finance and provides the tools to apply emerging technologies in a real-world context.

More specifically, the course discusses the topics of: the digital finance ecosystem; the future of money; technology and its use in finance; data analytics, interpretation and visualization; and risk management, governance and regulation.

## Course Aims

At the completion of this course, students will:

- Confidently articulate current trends and emerging digital finance technologies and innovations;
- Be able to analyse the costs and benefits of both traditional and new approaches;
- Synthesise a wide range of often conflicting potential strategies in order to recommend an appropriate use case (or multitude thereof) in commercial applications; and
- Critique approaches that are either impractical or expensive, while identifying limiting factors that could potentially render them viable in the future.

# Course Learning Outcomes

Course Learning Outcomes
CLO1 : Examine where we are today, and where we will be in the near future, with technologies used in the digital finance environment such as Artificial Intelligence (AI), Machine Learning (ML), Robotic Process Automation (RPA), big data, digital payments and digital currencies
CLO2 : Apply knowledge to translate complex digital finance concepts and terminology to support informed strategic decision-making around the use of key digital finance technologies in business
CLO3 : Use insights into digital finance technologies to navigate the changing technological environment in which accounting and finance professionals work
CLO4 : Examine the regulatory and organisational implications of digital finance technologies and how they can be applied in a range of settings including compliance in organisational contexts.

Course Learning Outcomes	Assessment Item
CLO1 : Examine where we are today, and where we will be in the near future, with technologies used in the digital finance environment such as Artificial Intelligence (AI), Machine Learning (ML), Robotic Process Automation (RPA), big data, digital payments and digital currencies	<ul style="list-style-type: none"> <li>• Assessment 1: Discussion board report</li> <li>• Assessment 2: Quizzes</li> </ul>
CLO2 : Apply knowledge to translate complex digital finance concepts and terminology to support informed strategic decision-making around the use of key digital finance technologies in business	<ul style="list-style-type: none"> <li>• Assessment 3: Final exam</li> <li>• Assessment 2: Quizzes</li> </ul>
CLO3 : Use insights into digital finance technologies to navigate the changing technological environment in which accounting and finance professionals work	<ul style="list-style-type: none"> <li>• Assessment 1: Discussion board report</li> <li>• Assessment 3: Final exam</li> <li>• Assessment 2: Quizzes</li> </ul>
CLO4 : Examine the regulatory and organisational implications of digital finance technologies and how they can be applied in a range of settings including compliance in organisational contexts.	<ul style="list-style-type: none"> <li>• Assessment 1: Discussion board report</li> <li>• Assessment 3: Final exam</li> </ul>

## Learning and Teaching Technologies

Moodle - Learning Management System

# Assessments

## Assessment Structure

Assessment Item	Weight	Relevant Dates
Assessment 1: Discussion board report Assessment Format: Individual Short Extension: Yes (3 days)	25%	
Assessment 2: Quizzes Assessment Format: Individual Short Extension: Yes (3 days)	45%	
Assessment 3: Final exam Assessment Format: Individual	30%	

## Assessment Details

### Assessment 1: Discussion board report

#### Assessment Overview

Prepare an overview of the contributions made during the course duration and critique, where appropriate, that understanding with the benefit of hindsight and synthesis of the whole subject.

This should include a (brief) synthesis of the issue(s) explored, as well as some reflection upon the iterative development of your understanding, and how this may be practically applied in the future.

Assesses: PLO4, PLO6, PLO7

#### Course Learning Outcomes

- CL01 : Examine where we are today, and where we will be in the near future, with technologies used in the digital finance environment such as Artificial Intelligence (AI), Machine Learning (ML), Robotic Process Automation (RPA), big data, digital payments and digital currencies
- CL03 : Use insights into digital finance technologies to navigate the changing technological environment in which accounting and finance professionals work
- CL04 : Examine the regulatory and organisational implications of digital finance technologies and how they can be applied in a range of settings including compliance in organisational contexts.

### Assessment 2: Quizzes

#### Assessment Overview

Understanding of course content will be assessed during some classes in the form of tests that

follow a similar format to CPA examinations, being either: multiple-choice questions; short-answer questions; or a combination thereof.

Results and the rationale for each solution will be shared with the class to facilitate both feedback and active learning and preparation for the formal examinations.

Assesses: PLO1, PLO2, PLO6

#### Course Learning Outcomes

- CLO1 : Examine where we are today, and where we will be in the near future, with technologies used in the digital finance environment such as Artificial Intelligence (AI), Machine Learning (ML), Robotic Process Automation (RPA), big data, digital payments and digital currencies
- CLO2 : Apply knowledge to translate complex digital finance concepts and terminology to support informed strategic decision-making around the use of key digital finance technologies in business
- CLO3 : Use insights into digital finance technologies to navigate the changing technological environment in which accounting and finance professionals work

### **Assessment 3: Final exam**

#### Assessment Overview

A formal assessment consistent of both multiple-choice questions and short-answer questions will follow the completion of all course content. The format and timing will be structured to serve as a comprehensive preparation for the CPA exam.

Assesses: PLO1, PLO3, PLO6

#### Course Learning Outcomes

- CLO2 : Apply knowledge to translate complex digital finance concepts and terminology to support informed strategic decision-making around the use of key digital finance technologies in business
- CLO3 : Use insights into digital finance technologies to navigate the changing technological environment in which accounting and finance professionals work
- CLO4 : Examine the regulatory and organisational implications of digital finance technologies and how they can be applied in a range of settings including compliance in organisational contexts.

## **General Assessment Information**

As a student at UNSW you are expected to display [academic integrity](#) in your work and interactions. Where a student breaches the [UNSW Student Code](#) with respect to academic integrity, the University may take disciplinary action under the Student Misconduct Procedure. To

assure academic integrity, you may be required to demonstrate reasoning, research and the process of constructing work submitted for assessment.

To assist you in understanding what academic integrity means, and how to ensure that you do comply with the UNSW Student Code, it is strongly recommended that you complete the [Working with Academic Integrity](#) module before submitting your first assessment task. It is a free, online self-paced Moodle module that should take about one hour to complete.

You are expected to complete all assessment tasks for your courses in the School of Accounting, Auditing & Taxation. In some courses, there will be a minimum pass mark required on the final exam due to the need to assure individual mastery of specific course learning outcomes for accounting accreditation requirements. Where applicable this is explained in the assessment section of this course outline.

**Grading Basis**

Standard

**Requirements to pass course**

In order to pass this course, you must:

- achieve a composite mark of at least 50 out of 100;
- meet any additional requirements described in the Assessment Summary section.

You are expected to attempt all assessment requirements in the course.

# Course Schedule

## Attendance Requirements

Students are strongly encouraged to attend all classes and review lecture recordings.

## Staff Details

Position	Name	Email	Location	Phone	Availability	Equitable Learning Services Contact	Primary Contact
	John-Paul Monck					No	Yes

# Other Useful Information

## Academic Information

### COURSE POLICIES AND SUPPORT

The Business School expects that you are familiar with the contents of this course outline and the UNSW and Business School learning expectations, rules, policies and support services as listed below:

- Program Learning Outcomes
- Academic Integrity and Plagiarism
- Student Responsibilities and Conduct
- Special Consideration
- Protocol for Viewing Final Exam Scripts
- Student Learning Support Services

Further information is provided on the [key policies and support](#) page.

Students may not circulate or post online any course materials such as handouts, exams, syllabi or similar resources from their courses without the written permission of their instructor.

### STUDENT LEARNING OUTCOMES

The Course Learning Outcomes (CLOs) – under the Outcomes tab – are what you should be able to demonstrate by the end of this course, if you participate fully in learning activities and successfully complete the assessment items.

CLOs also contribute to your achievement of the Program Learning Outcomes (PLOs), which are developed across the duration of a program. PLOs are, in turn, directly linked to [UNSW graduate capabilities](#). More information on Coursework PLOs is available on the [key policies and support](#) page. For PG Research PLOs, including MPDBS, please refer to the [UNSW HDR Learning Outcomes](#).

## Academic Honesty and Plagiarism

As a student at UNSW you are expected to display [academic integrity](#) in your work and interactions. Where a student breaches the [UNSW Student Code](#) with respect to academic integrity, the University may take disciplinary action under the Student Misconduct Procedure. To assure academic integrity, you may be required to demonstrate reasoning, research and the

process of constructing work submitted for assessment.

To assist you in understanding what academic integrity means, and how to ensure that you do comply with the UNSW Student Code, it is strongly recommended that you complete the [Working with Academic Integrity](#) module before submitting your first assessment task. It is a free, online self-paced Moodle module that should take about one hour to complete.

## Submission of Assessment Tasks

### SPECIAL CONSIDERATION

You can apply for special consideration when illness or other circumstances beyond your control interfere with your performance in a specific assessment task or tasks, including online exams. Students studying remotely who have exams scheduled between 10pm and 7am local time, are also able to apply for special consideration to sit a supplementary exam at a time outside of these hours.

Special consideration is primarily intended to provide you with an extra opportunity to demonstrate the level of performance of which you are capable. To apply, and for further information, see Special Consideration on the UNSW [Current Students](#) page.

Special consideration applications will be assessed centrally by the Case Review Team, who will update the online application with the outcome and add any relevant comments. The change to the status of the application immediately sends an email to the student and to the assessor with the outcome of the application.

Please note the following:

1. Applications can only be made through Online Services in myUNSW (see the UNSW [Current Students](#) page). Applications will not be accepted by teaching staff. The lecturer-in-charge/course coordinator will be automatically notified when your application is processed.
2. Applying for special consideration does not automatically mean that you will be granted a supplementary exam or other concession.
3. If you experience illness or misadventure in the lead up to an exam or assessment, you must submit an application for special consideration, either prior to the examination taking place, or prior to the assessment submission deadline, except where illness or misadventure prevent you from doing so.
4. If your circumstances stop you from applying before your exam or assessment due date, you must apply within 3 working days of the assessment or the period covered by your supporting documentation.



5. Under the UNSW Fit To Sit/Submit rule, if you sit the exam/submit an assignment, you are declaring yourself well enough to do so and are cannot subsequently apply for special consideration.
6. If you become unwell on the day of – or during – an exam, you must stop working on your exam, advise your course coordinator or tutor and provide a medical certificate dated within 24 hours of the exam, with your special consideration application. For online exams, you must contact your course coordinator or tutor immediately via email, Moodle or chat and advise them you are unwell and submit screenshots of your conversation along with your medical certificate and application.
7. Special consideration requests do not allow the awarding of additional marks to students.

Further information on Business School policy and procedure can be found under “Special Consideration” on the [key policies and support](#) page.

## **LATE SUBMISSION PENALTIES**

For assessments other than examinations, late submission will incur a penalty of 5% per day or part thereof (including weekends) from the due date and time. An assessment will not be accepted after 5 days (120 hours) of the original deadline unless special consideration has been approved. An assignment is considered late if the requested format, such as hard copy or electronic copy, has not been submitted on time or where the ‘wrong’ assignment has been submitted.

For assessments which account for 10% or less of the overall course grade, and where answers are immediately discussed or debriefed, the LIC may stipulate a different penalty. Details of such late penalties will be available on the course Moodle page.

## **FEEDBACK ON YOUR ASSESSMENT TASK PERFORMANCE**

Feedback on student performance from formative and summative assessment tasks will be provided to students in a timely manner. Assessment tasks completed within the teaching period of a course, other than a final assessment, will be assessed and students provided with feedback, with or without a provisional result, within 10 working days of submission, under normal circumstances. Feedback on continuous assessment tasks (e.g. laboratory and studio-based, workplace-based, weekly quizzes) will be provided prior to the midpoint of the course.

## **Faculty-specific Information**

## **PROTOCOL FOR VIEWING FINAL EXAM SCRIPTS**

UNSW students have the right to view their final exam scripts, subject to a small number of very specific exemptions. The UNSW Business School has set a [protocol](#) under which students may view their final exam script. Individual schools within the Faculty may also set up additional local processes for viewing final exam scripts, so it is important that you check with your School.

If you are completing courses from the following schools, please note the additional school-specific information:

- Students in the **School of Accounting, Auditing & Taxation** who wish to view their final examination script should also refer to [this page](#).
- Students in the **School of Banking & Finance** should also refer to [this page](#).
- Students in the **School of Information Systems & Technology Management** should also refer to [this page](#).

## **COURSE EVALUATION AND DEVELOPMENT**

Feedback is regularly sought from students and continual improvements are made based on this feedback. At the end of this course, you will be asked to complete the [myExperience survey](#), which provides a key source of student evaluative feedback. Your input into this quality enhancement process is extremely valuable in assisting us to meet the needs of our students and provide an effective and enriching learning experience. The results of all surveys are carefully considered and do lead to action towards enhancing educational quality.

## **QUALITY ASSURANCE**

The Business School is actively monitoring student learning and quality of the student experience in all its programs. A random selection of completed assessment tasks may be used for quality assurance, such as to determine the extent to which program learning goals are being achieved. The information is required for accreditation purposes, and aggregated findings will be used to inform changes aimed at improving the quality of Business School programs. All material used for such processes will be treated as confidential.

## **TEACHING TIMES AND LOCATIONS**

Please note that teaching times and locations are subject to change. Students are strongly advised to refer to the [Class Timetable website](#) for the most up-to-date teaching times and locations.

## School Contact Information

The policies regarding staff contact in the School of Accounting, Auditing and Taxation are as follows:

- All questions regarding course administration should be directed to the Lecturer-in-charge.
- The full-time staff will be available for consultation starting from Weeks 2 to 10 and STUVAC period.
- Consultation hours will be advised on the course Moodle page in a consolidated timetable.
- Students are encouraged to consult with staff during online consultation sessions. Consultation will not be provided via email or phone.
- Consultation times during STUVAC period will likely vary to the regular consultation during Term and be posted on the course webpage later in the Term.

While emails to staff should be a rare occurrence as noted above, in instances where it is warranted, please make sure that:

- You use your UNSW email address when corresponding with the teaching staff on this course. Emails from other addresses (such as Hotmail, Gmail, Yahoo, 126, QQ, etc.) are not accepted and will not be replied to.
- You must use an appropriate communication level with staff. Emails and discussion forum posts that use short-hand and "Texting" language are not acceptable, and communication must be in English. If your email cannot be understood then staff will not reply.
- You must identify yourself by your full name, student ID and tutorial day and time.
- Please be aware that Staff will not necessarily reply to students to inform them if their emails are non-compliant.
- Full-time teaching staff only answer emails during regular working hours of Monday to Friday 9am-5pm. Tutoring staff often have other jobs and require 48 hours within regular business office hours to reply to emails.

Complaints about the assessment and other aspects of this course should be directed in the first instance to the Lecturer-in-Charge (or Course Convenor) and if still unsatisfied with the response received then you are directed to contact the School of Accounting, Auditing & Taxation Grievance Officer, details available here: <https://www.unsw.edu.au/business/our-schools/accounting-auditing-taxation/contact-us>