

MODULE SPECIFICATION

1. **Title of the module**
Finance, Technology & Risk Management
2. **School or partner institution which will be responsible for management of the module**
Pearson College London
3. **The level of the module (Level 4, Level 5, Level 6 or Level 7)**
Level 7
4. **The number of credits and the ECTS value which the module represents**
30 credits / 15 ECTS
5. **Which term(s) the module is to be taught in (or other teaching pattern)**
Autumn, Spring, Summer
6. **Prerequisite and co-requisite modules**
Adding Organisational Value 1: Techniques
7. **The programmes of study to which the module contributes**
MA Business and Management
8. **The intended subject specific learning outcomes.**
On successfully completing the module students will be able to:
 - 8.1) demonstrate a systematic and comprehensive understanding of risk management, risk identification, measurement and management and the role of a Chief Risk Officer.
 - 8.2) critically analyse both theory and research in the area of risk management in order to inform and improve professional practice, with reference to emerging risk technology.
 - 8.3) critically evaluate the financial performance and position of entities
 - 8.4) critically apply appropriate strategic planning and control models to plan and monitor performance in an organisation
 - 8.5) advise senior management on strategic business performance evaluation and on recognising vulnerability to corporate failure.
 - 8.6) make justified recommendations about technology platforms and organisational uses of emerging technology.
9. **The intended generic learning outcomes.**
On successfully completing the module students will be able to:
 - 9.1) demonstrate the independent learning ability required for continuing professional development
 - 9.2) apply critical analysis of information and data to complex business contexts, analyse opportunities and challenges, and propose courses of action including consideration of the wider impact of any actions and ethical issues.
10. **A synopsis of the curriculum**
Aim of the module:
This module will enable learners to have a contemporary understanding, and the ability to apply skills required of senior leaders, in three inter-linked areas which are crucial to the sustainability and competitive advantage of successful organisations. In particular learners will develop a risk-based approach to operations and strategy, a financial fluency and a conceptual understanding of forms of

technology that will underpin business over the next decade: blockchain technology and artificial intelligence.

Overview of the syllabus:

The syllabus of this module covers the key themes and topics required by senior leaders to

- An overview of risk management in financial services
- The role of cognitive biases in financial risk management
- Risk technology tools
- Methods of risk measurement
- The appraisal of financial performance and position of entities, the creation of suitable accounting policies, analysis and interpretation of financial information and measurement of performance
- Professional and ethical duty : professional behaviour and compliance with accounting standards, ethical requirements of corporate reporting and the consequences of unethical behaviour, social responsibility
- Strategic planning and control (introduction to strategic management accounting, performance management and control of the organisation, changes in business structure and management accounting, effect of Information Technology (IT) on strategic management accounting, other environmental and ethical issues)
- Strategic performance measurement (strategic performance measures and systems, divisional performance and transfer pricing issues, non- financial performance indicators, the role of quality in management information)
- Blockchain technology and its applications
- Introduction to artificial intelligence and its applications

11. **Reading list (Indicative list, current at time of publication. Reading lists will be published annually)**

- Simons (2013), "Performance measurement and control systems for implementing strategy", Pearson
- International Journal of Business Performance Management, InderScience
- Hull, J. (2010), Risk Management & Financial Institutions, Prentice Hall. [core text]
- Jorion, P. (2007) Value at Risk, McGraw-Hill.
- Loffler, G. & Posch, P.N. (2007) Credit Risk Modelling using Excel and VBA, John Wiley & Sons, Ltd.
- Drescher, D (2017), "Blockchain basics: a non-technical introduction in 25 steps" Google Books publishing

12. **Learning and teaching methods**

This module will be taught by means of lectures, interactive seminars, with a work-based project sandwiched in between classes. Taught classes will focus on knowledge application in a workplace setting.

Lectures, seminars and background reading will provide an opportunity for learners to:

- 1.) gain the necessary theoretical knowledge and frameworks; and
- 2.) applying knowledge and techniques within a real world context

Independent learning hours will include reading assigned materials, reflection, and preparing for class discussion, preparing individual assignments, and preparing workplace project presentation.

Mentored work-based project:

The work-based project for this module will take place over a minimum of 3 weeks in a workplace setting under regular mentorship from the module tutor. It will take place after the third day of class tuition and before the final two days of tuition.

During this project learners will design and execute a risk-based project where they will be required to undertake a measured risk assessment and corresponding action plan for a given organisation. In the case of students who are working with a start-up organisation this could take the form of a pre-mortem exercise where the risks which could impact the future survival of the business. Each project will be bespoke to the individual and their chosen organisation but will include the following elements:

A report that:

- A detailed assessment of risk for an area, or number of areas, within an organisation incorporating appropriate risk assessment techniques covered during the course.
- An action plan addressing risks identified.

Typical course structure

| Day | Synchronous format | Blended format | Summary |
|-----------|---|---|---|
| Day 1 | Lectures and interactive seminars | 3 hours asynchronous learning Interactive seminars | Risk Management |
| Day 2 | Lectures and interactive seminars | Interactive seminars | Financial performance appraisal |
| Day 3 | Lectures and interactive seminars | 3 hours asynchronous learning | Internal reporting and performance measurement Financial risk |
| 4-6 weeks | Workplace project | Workplace project | Regular scheduled meetings with teacher/coach/mentor/peer during this period |
| Day 4 | Interactive seminars and peer discussion / feedback | Interactive seminars | Peer to peer presentation and reflection on the work-based project Risk management systems |
| Day 5 | Lectures and interactive seminars | 1 hour asynchronous learning Interactive seminars | Blockchain systems Introduction to artificial intelligence and applications |

Summary of hours:

| | |
|--|-----------|
| Lectures, interactive seminars and peer discussion | 35 hours |
| Independent study and assessment | 223 hours |
| Workplace project | 42 hours |
| Total | 300 hours |

| Module | Total taught hours | Synchronous taught hours under face to face and live online modes | Synchronous : asynchronous taught hours under blended mode |
|--|---------------------------|--|---|
| Finance Technology and Risk Management | 35 hours | 35 hours | 28 hours:7hours |

13. Assessment methods

13.1 Main assessment methods

The assignments aim to help students reflect on how they applied the knowledge learned in the course and create plans for their development as leaders and managers.

This module will be assessed by:

- 10 minute in class presentation based on work-based project (30% of overall mark)
- 2,500 word report based on financial performance review – (50% of overall mark)
- Powerpoint slide deck (maximum 10 slides with notes) containing a proposal for a blockchain or AI application for an organisation (20% of overall mark)

13.2 Reassessment methods

14. **Map of module learning outcomes (sections 8 & 9) to learning and teaching methods (section 12) and methods of assessment (section 13)**

| Module learning outcome | | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 9.1 | 9.2 |
|---|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Learning/teaching method | Hours allocated | | | | | | | | |
| Private Study | | | | | | | | | |
| <i>Lectures and interactive seminars</i> | 35 | x | x | x | x | x | x | | x |
| <i>Individual study</i> | 223 | x | x | x | x | x | x | x | x |
| <i>Work-based project</i> | 42 | | x | | | | | x | x |
| Assessment method | | | | | | | | | |
| <i>Individual workplace project presentation (in class)</i> | | x | x | | | x | | x | x |
| <i>Financial performance review report (2,500 words)</i> | | | | x | x | x | | | |
| <i>Slide deck on blockchain/AI application</i> | | | | | | | x | x | x |

15. **Inclusive module design**

The Collaborative Partner recognises and has embedded the expectations of current equality legislation, by ensuring that the module is as accessible as possible by design. Additional alternative arrangements for students with Inclusive Learning Plans (ILPs)/ declared disabilities will be made on an individual basis, in consultation with the relevant policies and support services.

The inclusive practices in the guidance (see Annex B Appendix A) have been considered in order to support all students in the following areas:

- a) Accessible resources and curriculum
- b) Learning, teaching and assessment methods

16. **Campus(es) or centre(s) where module will be delivered**

Pearson College London premises and external organisations for work-based projects

17. Internationalisation

By the very nature of the topics included in this module, a theme of internationalisation runs throughout. For example, company performance will be evaluated based on the presentation of financial information prepared under international financial reporting standards (IFRSs). The risk management and technology elements to the module are inherently linked to global commercial practice.

If the module is part of a programme in a Partner College or Validated Institution, please complete sections 18 and 19. If the module is not part of a programme in a Partner College or Validated Institution these sections can be deleted.

18. Partner College/Validated Institution

Pearson College London

19. University School responsible for the programme

School of Business

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Revision record – all revisions must be recorded in the grid and full details of the change retained in the appropriate committee records.

| Date approved | Major/minor revision | Start date of the delivery of revised version | Section revised | Impacts PLOs (Q6&7 cover sheet) |
|---------------|----------------------|---|-----------------|---------------------------------|
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