

PAT Fintech Short Courses

Start Date: October 2022

Introduction

PAT Fintech delivers targeted and accredited (academically & professionally) courses which have been developed with the learner, and their future career prospects in mind.

By designing curricula with, and for, industry we ensure our courses are geared towards the existing and future skills demanded by industry. By partnering with academic institutions (TU Dublin) and professional bodies (the Compliance Institute) our learners are guaranteed to receive the highest standard of content and in-class engagement.

If you want to take the next step in your career, our courses will give you the skills and confidence to do so.

Building Your Career

These courses are designed to address industry-wide challenges by providing professional training in Fintech Risk and Compliance.

The courses provide participants with the knowledge and skills required to conduct and manage evolving compliance functions within the financial services industry.

The courses are explicitly designed to open access to begin, continue, or enhance the employment opportunities and career paths of compliance and regulatory professionals. In comparison with existing programmes, these courses translate the traditional financial services compliance framework into a contemporary technologically enabled environment.



Courses Overview

Compliance is core to the provision of regulated financial services, and the risk management of those services. Therefore the role of compliance professionals is, and always will be, core to the financial services industry.

Given the evolution of technologically driven innovation in finance, these professionals require education and training to adapt to the evolving nature of the compliance framework, and associated risk management, in Fintech-focused operating models.

Designed with compliance practitioners, and developed in collaboration with the Compliance Institute, these courses deliver the core knowledge, skills, and competencies that professionals require to work in both a Fintech environment, and an increasingly digitised compliance function.



Courses Delivery

The courses of varying duration will be delivered online throughout the academic year. TU Dublin is responsibility for ensuring academic quality and providing adequate protection of the enrolled learner. The design of these courses reflect the breadth of students' learning styles, and the classes' delivery & assessment are centred on fulfilling the highest standard of learning outcomes.

Fees & Funding*

Fees per course are as stated but (on confirmation*) learners working for IFS Skillnet member companies can apply for 30% discounts









COURSE	LEVEL	ECTS	AWARD	DURATION	HOURS	FEE
The Fintech Compliance Framework	7	5	SS Certificate	6 weeks Part-Time	Delivered online 4hrs per wk/ 24hrs total	€650
Compliance Risks in a Fintech Environment	7	5	SS Certificate	6 weeks Part-Time	Delivered online 4hrs per wk/ 24hrs total	€650
Regulatory Risks in the Fintech Ecosystem	7	5	SS Certificate	6 weeks Part-Time	Delivered online 4hrs per wk/ 24hrs total	€650
Fintech Innovation & Compliance Risks	7	5	SS Certificate	6 weeks Part-Time	Delivered online 4hrs per wk/ 24hrs total	€650
Fintech Compliance & Risk Management	7	5	SS Certificate	6 weeks Part-Time	Delivered online 4hrs per wk/24hrs total	€650
Managing Fintech Operational Risk	7	5	SS Certificate	6 weeks Part-Time	Delivered online 4hrs per wk/24hrs total	€650
Digitisation & Innovation in Compliance Framework	7	5	SS Certificate	6 weeks Part-Time	Delivered online 4hrs per wk/2 4hrs total	€650
RegTech (Regulatory Technology) Solutions	7	5	SS Certificate	6 weeks Part-Time	Delivered online 4hrs per wk/ 24hrs total	€650
AML Framework	8	10	SS Certificate	12 weeks Part-Time	Delivered online 4hrs per wk/48hrs total	€800
Fintech AML Cycle	8	10	SS Certificate	12 weeks Part-Time	Delivered online 4hrs per wk/48hrs total	€800
Evolution of AML Compliance	8	10	SS Certificate	12 weeks Part-Time	Delivered online 4hrs per wk/48hrs total	€800
Fintech Innovation & AML Compliance	8	10	SS Certificate	12 weeks Part-Time	Delivered online 4hrs per wk/ 48hrs total	€800

The Fintech Compliance Framework

NFQ LEVEL: 7
ECTS: 5

AWARD: Single Subject Certificate

FEE: Euro 650*

START DATE: October 2022 **DURATION:** 6 weeks **MODE:** Part-Time (Online) **HOURS:** 4 hours per week

Summary

This course positions the traditional compliance function in the technologically driven Fintech environment. The course initially differentiates Fintech operating models from so-called traditional financial services providers, reviews the existing regulatory environment from a Fintech perspective, and details the Fintech authorisation models. Overlaying the broad compliance framework, the course progresses to examine the compliance framework and regulatory risks in the context of a Fintech business model, for example: anti-money laundering and counter terrorist financing (AML/CFT). Overall, this course provides learners with an introduction to the compliance function in a contemporary Fintech operating environment.

Assessment

40%: Blend of competency based MCQs & scenario analysis

60%: Final Examination



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OUTCOMES

- Differentiate the technologically enabled business models of Fintech's versus traditional financial service providers.
- 2. Understand the structure of the International, European, and Irish regulatory environment from a Fintech perspective.
- **3.** Appraise the authorisation models for Fintech credit, payment, and electronic money institutions.
- **4.** Analyse from an operational perspective the AML/CFT compliance and regulatory reporting risks in a Fintech operating environment.

Compliance Risks in a Fintech Environment

NFQ LEVEL: 7
ECTS: 5

AWARD: Single Subject Certificate

FEE: Euro 650*

START DATE: October 2022 **DURATION:** 6 weeks **MODE:** Part-Time (Online) **HOURS:** 4 hours per week

Summary

This course examines compliance risks in the context of an consumer-centric Fintech operating model, for example: data protection, the use of personal data, and the safeguarding of customer funds, The course specifically focuses upon the increasing regulatory focus upon the risks inherent in outsourcing critical services. The course translates these sources of risks into the compliance framework, and highlights the critical importance of fitness, probity, and conduct risk. The course is designed to develop the technical competencies, and operational perspective, for learners' to manage compliance functions within the contemporary Fintech operating environment.

Assessment

40%: Blend of competency based MCQs & scenario analysis

60%: Final Examination



Return to course listing

OUTCOMES

- Assess the compliance risks associated with data protection and the ethical use of personal data in a Fintech data driven operating model.
- 2. Identify the contemporary compliance risks in the safeguarding arrangements of payment and electronic money institutions.
- **3.** Evaluate the regulatory focus upon compliance risks related to outsourcing of critical services by financial service providers.
- 4. Demonstrate an awareness of fitness, probity, conduct, and authorisation risks in an evolving Fintech environment.

Regulatory Risks in the Fintech Ecosystem

NFQ LEVEL: 7
ECTS: 5

AWARD: Single Subject Certificate

FEE: Euro 650*

START DATE: October 2022 DURATION: 6 weeks **MODE:** Part-Time (Online) **HOURS:** 4 hours per week

Summary

This course explores the Irish (EU) Fintech ecosystem and analyses the scope of current and evolving Fintech products/services. The course identifies areas of increasing regulatory attention and differentiates the source of compliance risks related to the provision of specific Fintech services, for example: banking, credit/lending, funds, savings/investment, and insurance sectors. There is a specific focus on the innovation and compliance risk with respect to an evolving payments infrastructure – including the adoption of stablecoins and the potential issuance of CBDC's – and the challenges related to developing a regulatory framework for crypto (digital) assets.

Assessment

40%: Blend of competency based MCQs & scenario analysis

60%: Final Examination



Return to course listing

OUTCOMES

- 1. Summarise the scale and evolution of the Irish Fintech ecosystem in the context of the EU strategic objectives.
- 2. Identify areas of EU & Irish legislative and regulatory focus and differentiate between the compliance risks associated with specific Fintech products/services.
- **3.** Analyse the Fintech regulatory risks and compliance challenges in an evolving domestic and cross-border payments infrastructure.
- **4.** Identify the compliance risks related to regulated and non-regulated cryptocurrencies and crypto-asset service providers.

Fintech Innovation & Compliance Risks

NFQ LEVEL: 7
ECTS: 5

AWARD: Single Subject Certificate

FEE: Euro 650*

START DATE: October 2022 **DURATION:** 6 weeks **MODE:** Part-Time (Online) **HOURS:** 4 hours per week

Summary

This course evaluates risks to consumer protection and reviews the specific compliance risks related to data-driven/customer centric product development, the unbundling of financial services, and the integration of third-party services providers. This course specifically focuses upon the challenges of designing and implementing a scalable compliance and risk management control structures. Finally, to complete the learner's appreciation of compliance risk in the Fintech ecosystem, the course evaluates the importance of a compliance culture in the provision of financial services, specifically in a technologically driven operating/business model.

Assessment

40%: Blend of competency based MCQs & scenario analysis

60%: Final Examination

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OUTCOMES

- Assess specific consumer protection risks inherent in the innovation of financial products in the Fintech ecosystem.
- **2.** Examine the compliance, and ethical, risks of an increasingly data -driven Fintech product development cycle.
- Evaluate the risk management structures necessary to control the compliance risks associated with the unbundling of traditional financial services.
- **4.** Contextualise the importance of a compliance culture in the provision of financial services in the Fintech ecosystem.

Fintech Compliance & Risk Management

NFQ LEVEL: 7
ECTS: 5

AWARD: Single Subject Certificate

FEE: Euro 650*

START DATE: October 2022 **DURATION:** 6 weeks **MODE:** Part-Time (Online) **HOURS:** 4 hours per week

Summary

This course focuses upon best practice control structures and risk management frameworks for the monitoring of compliance risks in a contemporary Fintech environment. The course initially addresses the compliance risks and regulatory guidance related to the outsourcing of critical services and the importance of robust vendor evaluation. The outlines the control and oversight structures required to manage multiple third-party service providers in evolving Fintech operating models, and emphasises the role of the compliance function, throughout the customers lifecycle.

Assessment

40%: Blend of competency based MCQs & scenario analysis

60%: Final Examination



Return to course listing

OUTCOMES

- Analyse the compliance risks and regulatory guidance associated with Fintech's outsourcing of critical services.
- 2. Assess vendor evaluation procedures and implement a risk management framework for Fintech operating models.
- **3.** Define the control and oversight structures required to manage the operational resilience of multiple integrated service providers.
- Identify the sources of compliance and regulatory risks throughout the lifecycle of a customer in a Fintech environment.

Managing Fintech Operational Risk

NFQ LEVEL: 7
ECTS: 5

AWARD: Single Subject Certificate

FEE: Euro 650*

START DATE: October 2022 **DURATION:** 6 weeks **MODE:** Part-Time (Online) **HOURS:** 4 hours per week

Summary

This course focuses upon the Fintech's operational resilience, data protection, and cybersecurity risk management strategy. The course formulates a Risk-Based Compliance Monitoring Programme (RBCMP) for Fintech operations, and offers guidance on the control structures required to manage and scale the Fintech's compliance and risk infrastructure. Overall, this course provides the operational and strategic insight to enable compliance professionals to balance the innovative potential and the compliance risks of a contemporary Fintech service provider.

Assessment

40%: Blend of competency based MCQs & scenario analysis

60%: Final Examination



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OUTCOMES

- Evaluate the additional operational risks and supervisory requirements associated with a Fintech's entirely digital business models.
- 2. Evaluate the data protection and cyber security risks associated with datadriven Fintech products and services.
- **3.** Formulate a Risk Based Compliance Monitoring Programme (RBCMP) for a range of contemporary Fintech service providers.
- 4. Contextualise the challenges of scaling the compliance framework in a technologically innovative Fintech environment.

Digitisation & Innovation in Compliance Framework

NFQ LEVEL: 7
ECTS: 5

AWARD: Single Subject Certificate

FEE: Euro 650*

START DATE: October 2022 **DURATION:** 6 weeks **MODE:** Part-Time (Online) **HOURS:** 4 hours per week

Summary

This course examines the current and future application of innovative technological solutions to mitigate the compliance risk and manage the regulatory requirements of Fintech's. In the context of the EU's Digital Finance strategy, the course explores the emergence of innovative solutions for core compliance functions. The course specifically focuses upon the adoption on digital identities, and the potential for evolving technological solutions to enhance the customer risk assessment, onboarding, and transaction monitoring throughout the AML cycle.

Assessment

40%: Blend of competency based MCQs & scenario analysis

60%: Final Examination



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OUTCOMES

- Contextualise the inter-related components of the evolving EU Digital Finance strategy in the context of regulatory compliance and supervision.
- 2. Evaluate the compliance and regulatory implications of the application of digital identity solutions in an increasingly digitised Fintech environment.
- Assess the potential of innovative solutions to enhance the KYC framework and customer onboarding.
- **4.** Analyse the potential of innovative transactional monitoring solutions to address AML related compliance and regulatory risks

RegTech (Regulatory Technology) Solutions

NFQ LEVEL: 7
ECTS: 5

AWARD: Single Subject Certificate

FEE: Euro 650*

START DATE: October 2022 **DURATION:** 6 weeks **MODE:** Part-Time (Online) **HOURS:** 4 hours per week

Summary

This course addresses the risks of regulatory fragmentation, the EU's approach to harmonising financial services regulation, and the role of evolving RegTech solutions in the Fintech ecosystem. The course examines the various regulatory approaches towards technological innovation, the role of 'sandboxes' in supporting innovation in financial services, and examines the regulatory supervisors use of technology (SupTech). Overall, the course positions the learner in an evolving regulatory and technologic landscape, and enable the learner to strategically evaluate the nature of the current, and future, compliance function.

Assessment

40%: Blend of competency based MCQs & scenario analysis

60%: Final Examination



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OUTCOMES

- Identify areas of compliance risk related to regulatory fragmentation and outline the EU's harmonisation strategy.
- **2.** Review the adoption of innovative RegTech solutions within the evolving compliance and regulatory ecosystem.
- **3.** Examine various 'regulatory sandbox' approaches to Fintech innovation.
- 4. Demonstrate a practical awareness of the increasing utilisation of innovative supervisory solutions by EU and national regulators

Fintech AML Framework

NFQ LEVEL: 8 ECTS: 10

AWARD: Single Subject Certificate

FEE: Euro 800*

START DATE: October 2022 **DURATION:** 12 weeks **MODE:** Part-Time (Online) **HOURS:** 4 hours per week

Summary

This course outlines the AML compliance and regulatory reporting framework in the context of evolving EU AML Directives and national legislation. The course addresses AML requirements from the perspective of a variety of sectors – for example: Credit and Financial Institutions ('Firms') and Designated Non-Financial Business and Professions (DNFBP's). Examining the role of the global watchdog Financial Action Task Force (FAFT), and evaluating the challenges facing National Financial Investigation Units (FIU's) in investigating and enforcing AML/CTF actions, is central to the course's holistic approach to reinforcing/enhancing the effectiveness of Ireland's existing AML compliance framework. Finally, this course also examines the evolution of AML courses in an ever increasing digital environment, and aligns the course's learnings with the importance of a strong compliance – AML/CTF – culture.

Assessment

40%: Blend of competency based MCQs & scenario analysis

60%: Final Examination



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OUTCOMES

On the successful completion of this course learners will be able to:

- **1.** Summarise the key definitions and regulatory requirements governing the AML Compliance Framework.
- 2. Assess the evolution of EU AML
 Directives and their transposition into
 Irish (national) legislation.
- Differentiate between the AML compliance risks and regulatory requirements across various sectors –

financial institutions and professionals – of the payments infrastructure.

- Evaluate the role of FAFT and the national FIU's in investigating and implementing effective AML/CTF enforcement.
- Identify the critical elements of a contemporary AML course in an evolving Fintech (digital) environment.
- **6.** Contexualise the importance of culture and collaboration in the Irish AML Compliance Framework.

Fintech AML Cycle

NFQ LEVEL: 8 ECTS: 10

AWARD: Single Subject Certificate

FEE: Euro 800*

START DATE: October 2022 DURATION: 12 weeks MODE: Part-Time (Online) HOURS: 4 hours per week

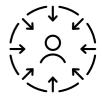
Summary

This course examines the AML Compliance Cycle from initial risk assessment on prospective new clients through to the enforcement of AML sanctions. Initially, the course identifies the core requirements and contemporary (technologically enhanced) best practice in the risk assessment, client onboarding, and life cycle management of client accounts from the perspective of both the financial institutions and professional service providers (for example: accountants and auditors) providers. The course then addresses the challenges – for example: the quality of data and utilisation of predictive analysis - in providing the competent authorities and the relevant FIU's with actionable STR information. Finally, the course examines specific examples – for example: information sharing and analytical resources – of how technology can enhance the effectiveness of the AML compliance cycle.

Assessment

40%: Blend of competency based MCQs & scenario analysis

60%: Final Examination



Return to course listing

OUTCOMES

- Evaluate the critical inter-related stages of the AML Compliance Cycle from the perspective of the key stakeholders in the Irish AML Framework.
- Assess the AML/CTF regulatory requirements, Central Bank guidance, and contemporary best practice for the risk assessment of new counterparties and customers.
- 3. Demonstrate contemporary best practice in the onboarding, and lifecycle management, of new counterparties/clients in an evolving regulatory and technological (Fintech) environment.

- 4. Analyse the effectiveness of transaction monitoring processes, the quality of STR information, and the potential of technologically enabled solutions in the AML Compliance Framework.
- Identify the challenges regulatory, information sharing, and optimising resources

 in investigating STRs and enforcing AML sanctions.
- **6.** Contextualise the importance of stakeholder co-operation, and analyse the potential for technologically enhanced solutions to enhance the effectiveness of the AML prevention & enforcement.

Evolution of AML Compliance

NFQ LEVEL: 8 ECTS: 10

AWARD: Single Subject Certificate

FEE: Euro 800*

START DATE: October 2022 **DURATION:** 12 weeks **MODE:** Part-Time (Online) **HOURS:** 4 hours per week

Summary

This course positions the importance of AML compliance within the EU Digital Finance Strategy and the European Commission's call for greater harmonisation of AML requirements and enforcement across the EU. The course evaluates a number of areas of regulatory AML-related focus, for example: the adoption and use of digital identities, the innovation in payments infrastructure, and the challenges of both protecting, and sharing, client's data in an increasingly digitalised environment.

The implications of the growing adoption of crypto assets is specifically evaluated the context of the recently published EU proposed regulation of crypto service providers. Overall, the course synergises the evolution of AML regulation and compliance functions to enable stakeholders to establish Ireland as a centre of excellence in the EU's forward looking strategy for the single market.

Assessment

40%: Blend of competency based MCQs & scenario analysis

60%: Final Examination



Return to course listing

OUTCOMES

- Contextualise the inter-related components of the evolving EU Digital Finance strategy in the context of AML compliance and supervision.
- 2. Evaluate the impact of digital identity solutions on AML compliance in an increasingly digitised Fintech environment.
- Analyse the AML compliance risks in an evolving domestic and cross-border payments infrastructure.

- 4. Identify the compliance risks associated with data protection and the ethical use of personal data in Fintech (data driven) operating models.
- Assess the AML compliance risks related to the evolution of regulated and non-regulated crypto-currencies and crypto-asset markets and payment services.
- 6. Outline the key components of the EU's harmonisation strategy and the stakeholder priorities in implementing AML/CTF best practice in Ireland.

Fintech Innovation & AML Compliance

NFQ LEVEL: 8 ECTS: 10

AWARD: Single Subject Certificate

FEE: Euro 800*

START DATE: October 2022 DURATION: 12 weeks MODE: Part-Time (Online) HOURS: 4 hours per week

Summary

This course evaluates the current impact, and future opportunities, of technological innovation in the AML Compliance Cycle. The course examines, through the demonstration of a range of contemporary AML (RegTech) solutions, the potential of various technologies – machine learning (ML), artificial intelligence (AI), natural language processing (NLP), and distributed ledger technologies (DLT) – to enhance the operational efficiency, and increase the quality of actionable information, of the AML Compliance Cycle.

The evaluation of use cases across several sectors with AML reporting obligations, and an examination of the challenges in implementing innovative solutions, further develops the courses focus on the adoption of best practice in the AML Compliance Cycle. Finally, to position Ireland as a centre of innovative and regulatory excellence, the course formulates strategic priorities for stakeholders in the Irish AML/CTF ecosystem.

Assessment

40%: Blend of competency based MCQs & scenario analysis

60%: Final Examination



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OUTCOMES

- Contextualise the balance in enabling financial services innovation whilst protecting consumers, maintaining financial stability, and enhancing the AML Compliance Framework.
- 2. Assess the key concepts and core technologies supporting the innovation and adoption of AML (RegTech) solutions throughout the AML Compliance Cycle.
- **3.** Classify the range of applications and demonstrate the application of

- contemporary AML (RegTech) solutions within the AML Compliance Cycle.
- **4.** Evaluate use case studies of the application of technologically enhanced solutions through the AML Compliance Cycle.
- Identify the challenges in adopting/ implementing AML (RegTech) solutions in the context of the EU's regulatory focus upon Digital Resilience.
- 6. Summarise the evolution of RegTech and SupTech innovation in the context of formulating strategic priorities to position Ireland as a centre of excellence in AML compliance.





Gerry Fahy

PAT was originally founded in conjunction with the Irish Times Group and Gerry has been its Managing Director since 2018. He has lectured for more than 25 years with all of the professional accountancy bodies and on two occasions he was shortlisted for the CIMA Global Accountancy lecturer of the year award. He has over one hundred global prize winners including first, second and third placements in the world. Originally from a financial services background, he has worked in 8 financial institutions domestically and internationally with this experience incorporated into his unique lecture delivery style.

Andrew Quinn

As Head of PAT Fintech. Andrew actively collaborates with the diverse Fintech ecosystem - whether they be 'new' Fintech companies or an 'incumbent/traditional' Financial Institutions that are providing tech-nologically enabled financial services/ products - to develop a range of training courses that are designed, and delivered, in conjunction with industry bodies, professional bodies, and experienced financial service professionals. Before transitioning into education, Andrew had a broad experience in the financial services industry, including working for banks, hedge funds, an investment consultancy, and co-founding two Fintech-related start-ups.











Testimonial

The level of detail, engaging lecturers and case studies have provided me with not only knowledge but 'real life' skills to carry out duties in this area.

Brónagh Sheridan

Compliance Executive @ CACI Dublin (Credit Agricole Creditor Insurance)

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Testimonia

The calibre of lecturers and students is second to none and to work in such a collaborative and open environment has been fantastic. It is a credit to Andrew, Inga and the whole faculty of PAT, the number of opportunities that this course has given me.

Amy Keating

Manager – Financial Services Advisory @ Grant Thornton Ireland

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Testimonia

I was working at PayPal in Customer Solutions and with less than two months on the course I was hired in Interactive Brokers as a New Accounts Document Processor, basically dealing with KYC and Due Diligence in the AML department.

Marceli Spironello

Document Processor Document Processor

@ Interactive Brokers

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Testimonial

The material is relevant and up to date, and the lecturers are all very knowledgeable, and eager to share this knowledge. The assignments are based on real life scenarios, and I will use the knowledge gained from completing the assignments when dealing with current and future clients.

Lisa Fitzpatrick

Regulatory Consultant @ Norio Ventures

Our students work for a variety of industry leaders



















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Professional Accountancy Training

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