

## COURSE SPECIFICATION DOCUMENT

<b>Academic Department:</b>	Science, Innovation & Technology
<b>Programme:</b>	Computer Science
<b>FHEQ Level:</b>	6
<b>Course Title:</b>	Project Management for IT
<b>Course Code:</b>	COMP 6102
<b>Total Hours</b>	160
Timetabled Hours:	45
Guided Learning Hours:	15
Independent Learning Hours:	100
<b>Credits:</b>	16 UK CATS credits 8 ECTS credits 4 US credits

### **Course Description:**

This course provides the core knowledge and skills necessary to start, manage and deliver a project within an IT setting. Students will study topics such as: Project Lifecycle and Methodologies; Project Planning and Initiation; IT Risk Management; Resource and Budget Management; Stakeholder Communication; Quality Assurance and Control; Change Management; Project Monitoring and Evaluation and Ethical and Legal IT Considerations.

### **Prerequisites:**

70 credits

**Aims and Objectives:**

By the end of the course, students will be able to:

- Apply advanced project management principles and techniques to IT projects.
- Develop comprehensive project plans and manage their execution effectively.
- Identify and mitigate risks, manage resources and budgets, and ensure quality in IT projects.
- Navigate change and communicate effectively with stakeholders.
- Evaluate project performance and implement best practices for continuous improvement.

**Programme Outcomes:**

L6: AI, II, BI, III, CI, DIII

A detailed list of the programme outcomes are found in the Programme Specification. This is located at the archive maintained by Registry and found at:

<https://www.richmond.ac.uk/programme-and-course-specifications/>

**Learning Outcomes:**

By the end of this course, successful students should be able to:

- Plan projects as a response to client brief and constraints.
- Demonstrate understanding of the various stages of a project.
- Choose from a range of project management approaches and execute the most suitable one.
- Assess quality and maintenance for IT projects.

**Indicative Content:**

- Project Lifecycle and Methodologies;
- Project Planning and Initiation;
- IT Risk Management;
- Resource and Budget Management;
- Stakeholder Communication;
- Quality Assurance and Control;
- Change Management;
- Project Monitoring and Evaluation
- Ethical and Legal IT Considerations
- Agile
- Scrum
- Lean
- Extreme Programming

**Assessment:**

This course conforms to the University Assessment Norms approved at Academic Board and located at: <https://www.richmond.ac.uk/university-policies/>

**Teaching Methodology:**

This course will be delivered face to face through a combination of lectures and interactive sessions. In addition to classroom activities, there are guided learning elements that are tutor led and arranged through Blackboard. These activities can be asynchronous online sessions, flipped classrooms, set readings with discussion boards or set guest lectures for example. Set activities are monitored by the instructor to ascertain student engagement. Students are encouraged to prepare for class and to play an active part, to raise questions, following-up ideas and interact with a wide range of provided material.

**Indicative Text(s):**

Carroll, J. and Morris, D. (2022) *Agile Project Management in easy steps*. 3<sup>rd</sup> edn. Easy Steps Limited.

Hughes B. (2019) *Project-Management for IT-Related Projects*. 3<sup>rd</sup> edn. BCS, The Chartered Institute for IT.

See syllabus for complete reading list.

**Change Log for this CSD:**

Nature of Change	Date Approved & Approval Body (School or AB)	Change Actioned by Registry Services
First Edition	November 2024	