# APM Qualification Evidence Matrix

**Accredited Training Provider**:

**Name**:

**Job role**:

**Date of completion**:

## APM Project Fundamentals Qualification (PFQ)

**In the table below please map where within your course material you can locate each of the APM Project Fundamentals Qualification syllabus criteria.**

| Syllabus learning objective and learning outcome | Evidence location | APM use only |
| --- | --- | --- |
| *Example: Knowledge of the strengths and limitations of different life cycles.* | *Workbook page 11. Slide 16.* |  |
| 1. Understand project management and the operating environment. | | |
| 1.1 Define the term ‘project’. |  |  |
| 1.2 State the differences between a project and business as usual. |  |  |
| 1.3 Define the term ‘project management’. |  |  |
| 1.4 State the key purpose of project management. |  |  |
| 1.5 Define the terms ‘programme management’ and ‘portfolio management’ and their relationship with project management. |  |  |
| 1.6 Describe why PESTLE analysis might be used by a project manager. |  |  |
| 2) Understand project life cycles. | | |
| 2.1 State the phases of a typical linear project life cycle. |  |  |
| 2.2 State the phases of a typical iterative project life cycle. |  |  |
| 2.3 Define the term ‘hybrid life cycle’. |  |  |
| 2.4 Define the term ‘extended project life cycle’. |  |  |
| 3) Understand the roles and responsibilities within projects. | | |
| 3.1 Outline project management roles and responsibilities (including the project sponsor, project manager, project governance, project team members, end users, product owner and the project management office). |  |  |
| 4) Understand project management planning | | |
| 4.1 Define the term ‘deployment baseline’. |  |  |
| 4.2 State how deployment baselines differ between linear and iterative life cycles. |  |  |
| 4.3 Outline the stakeholders of a project management plan. |  |  |
| 4.4 Outline the purpose and typical content of a business case. |  |  |
| 4.5 Explain the role of a project sponsor and project manager in relation to developing a business case. |  |  |
| 4.6 Explain how a stakeholder analysis supports effective stakeholder engagement. |  |  |
| 4.7 Define the term ‘benefits management’. |  |  |
| 4.8 State typical estimating methods (including analytical, analogous, parametric). |  |  |
| 4.9 Outline the purpose of the estimating funnel. |  |  |
| 4.10 Explain why establishing success criteria is important at the start, during, and at the handover of a project. |  |  |
| 4.11 Outline the purpose and benefits of project progress reporting. |  |  |
| 5) Understand project scope management | | |
| 5.1 Define the term ‘scope management’. |  |  |
| 5.2 Differentiate between scope management within linear projects and scope management within iterative projects. |  |  |
| 5.3 Describe how breakdown structures (PBS) and work breakdown structures (WBS) are used to illustrate the required scope of work. |  |  |
| 5.4 Outline how a project manager would use cost breakdown structures (CBS), organisational breakdown structures (OBS) and the responsibility assignment matrix (RAM). |  |  |
| 5.5 Define the terms ‘configuration management’ and ‘change control’ in the context of scope management. |  |  |
| 5.6 Explain the relationship between change control and configuration management. |  |  |
| 5.7 Outline the stages in a typical change control process. |  |  |
| 5.8 Outline the activities in a typical configuration management process (including planning, identification, control, status accounting and verification audit). |  |  |
| 6) Understand resource, scheduling and optimisation in a project. | | |
| 6.1 State the purpose of scheduling. |  |  |
| 6.2 State the purpose of critical path analysis. |  |  |
| 6.3 State the purpose of milestones. |  |  |
| 6.4 Define the term ‘time boxing’. |  |  |
| 6.5 Outline options for resource optimisation (including resource levelling and resource smoothing). |  |  |
| 6.6 Define the term ‘procurement strategy’. |  |  |
| 7) Understand project risk and issue management in the context of a project. | | |
| 7.1 Define the term ‘risk’. |  |  |
| 7.2 Explain the purpose of risk management. |  |  |
| 7.3 Outline the stages of a typical risk management process (including identification, analysis, response and closure). |  |  |
| 7.4 Describe the use of risk registers. |  |  |
| 7.5 Define the term ‘issue’. |  |  |
| 7.6 Outline the purpose of ‘issue management’. |  |  |
| 7.7 Differentiate between an issue and a risk. |  |  |
| 7.8 State the stages of an issue resolution process. |  |  |
| 8) Understand quality in the context of a project. | | |
| 8.1 Define the term ‘quality’. |  |  |
| 8.2 Outline the purpose of ‘quality management’. |  |  |
| 8.3 Define the term ‘quality planning’. |  |  |
| 8.4 Define the term ‘quality control’. |  |  |
| 8.5 Outline the purpose of ‘quality assurance’. |  |  |
| 8.6 State the purpose of; decision gates, post project reviews, benefit reviews and project audits. |  |  |
| 9) Understand communication in the context of a project. | | |
| 9.1 Define the term ‘communication’. |  |  |
| 9.2 Outline the advantages of different communication methods (including face to face, physical and virtual). |  |  |
| 9.3 Outline the disadvantages of different communication methods (including face to face, physical and virtual). |  |  |
| 9.4 Outline the contents of a communication plan. |  |  |
| 9.5 Explain the benefits, to a project manager, of a communication plan. |  |  |
| 10) Understand leadership and teamwork within a project. | | |
| 10.1 Define the term ‘leadership’. |  |  |
| 10.2 Explain how a project team leader can influence team performance. |  |  |
| 10.3 Outline the challenges to a project manager when developing and leading a project team. |  |  |
| 10.4 Outline how a project manager can use models to assist team development (including Belbin and Tuckman). |  |  |

## APM Project Management Qualification (PMQ)

**In the table below please map where within your course material you can locate each of the APM Project Management Qualification syllabus criteria.**

| Syllabus learning objective and learning outcome | Evidence location | APM use only |
| --- | --- | --- |
| *Example: Knowledge of the strengths and limitations of different life cycles.* | *Workbook page 11. Slide 16.* |  |
| 1) Life cycles  Understand the distinct life cycle stages used to structure and organise a project. | | |
| a) Understand the distinctive features of linear, iterative and hybrid life cycles (including why projects are structured as phases in linear life cycles) and know when each is applicable. |  |  |
| b) Knowledge of the differences between a project life cycle and an extended life cycle. |  |  |
| c) Understand how the context and culture of an organisation, and the needs of a specific project, influence the choice of life cycle and any adaptations that may be needed to the life cycle. |  |  |
| d) Knowledge of the strengths and limitations of different life cycles. |  |  |
| 2) Governance arrangements.  Understand governance structures as a framework of authority and accountability for the delivery of a project, which align with organisational practice. | | |
| a) Knowledge of different types of permanent and temporary organisation structures and their features (including functional, matrix, and project).   and  Know that an organisation’s governance approach will inform the approach used for a project. |  |  |
| b) Understand why there are distinct roles within project management and know the responsibilities of each role (including users, project team members, the project manager, the project steering group/board and the product owner).   and  Understand the differences in responsibilities of the project manager and project sponsor throughout the project. |  |  |
| c) Understand why aspects of project management governance are required (such as the use of policies, regulations, functions, processes, procedures and delegated responsibilities).   and   Understand the impact of a project’s life cycle on its governance framework and the limits of financial authority. |  |  |
| d) Understand the importance of linking projects to an organisation’s objectives. |  |  |
| 3) Sustainability.  Understand sustainability as balancing the environmental, social, economic and administrative considerations that will impact a project. | | |
| a) Understand why sustainability responsibilities, principles and priorities are considered within a project and the impact they may have. |  |  |
| b) Knowledge of how sustainability measures are monitored and reported on. |  |  |
| 4) Business case. Understand a business case as the justification for the initiation, investment and/or continuation of a project in terms of benefits, costs and risks. | | |
| a) Knowledge of the tools and techniques used to determine factors which influence and impact a project’s business case (including PESTLE, SWOT and VUCA). |  |  |
| b) Understand the importance of regularly reviewing the impact of any changes in a project to the business case.   and   Know that the business case forms the baseline for the project. |  |  |
| 5) Procurement.  Understand procurement as securing the provision of resources, choosing strategies for obtaining best value from supply chains. | | |
| a) Understand the purpose and importance of a procurement strategy.   and   Know the typical contents of a procurement strategy. |  |  |
| b) Know the stages of a supplier selection process, including how to plan the procurement process and conduct negotiations (for example ZOPA, BATNA and ‘Win Win’). |  |  |
| c) Know the features of different contractual relationships.   and   Understand why different methods of supplier reimbursement are used and when it is appropriate to use them (including fixed price, cost plus fee, per unit quantity and target cost). |  |  |
| 6) Reviews  Understand reviews as a way of gathering information to provide an assessment on the status of a project and the ongoing viability of the work. | | |
| a) Understand the benefits of conducting reviews throughout the life cycle (including decision gates, benefits reviews and audits). |  |  |
| b) Know the factors which would typically be reported on to help ensure successful project outcomes. |  |  |
| c) Understand the importance of producing information and collecting data to inform decision making and communicate actions and decisions to stakeholders. |  |  |
| d) Understand why activities may be re-planned after a review. |  |  |
| 7) Assurance.  Understand assurance as the ability to provide confidence to the governance board that a project is on track to deliver objectives. | | |
| a) Know the purpose of assurance within a project; including awareness of the scope, priorities and strategic aims of assurance activities. |  |  |
| 8) Transition management.  Understand transition management as integration of the outputs of a project into business-as-usual. | | |
| a) Know the basic requirements needed to support a successful transition, including considering business-as-usual throughout a project and planning for transition from the outset of the project. |  |  |
| b) Understand the importance of knowledge transfer in the transition process; this includes learning from experience and continuous improvement. |  |  |
| c) Understand how to engage stakeholders to agree a transition plan, including transfer of risks. |  |  |
| 9) Benefits management.  Understand benefits management as monitoring of benefits realisation throughout a project. | | |
| a) Understand what is meant by benefits management (including identification, definition, planning, tracking and realisation). |  |  |
| b) Understand the importance of aligning benefits with strategic objectives and ways in which the benefits of a project can be communicated to stakeholders. |  |  |
| 10) Stakeholder engagement and communication management.  Understand stakeholder engagement and communication management as the ability to work with people internally and externally to achieve intended outcomes. | | |
| a) Understand the relationship between stakeholder analysis, influence and engagement. |  |  |
| b) Understand the relationship between stakeholder analysis and an effective communication management plan. |  |  |
| c) Understand the benefits to a project of a communication plan. |  |  |
| d) Understand the importance of managing stakeholder expectations to the success of the project. |  |  |
| e) Know the range of communication methods available   and   Understand the importance of tailoring messaging to meet stakeholder requirements. |  |  |
| f) Know the factors which can positively or negatively affect communication. |  |  |
| 11) Conflict resolution.  Understand conflict resolution as the ability to identify and address differences between individuals and/or interest groups. | | |
| a) Know the sources of conflict within a project. |  |  |
| b) Understand that conflict can have both positive and negative impacts within a project. |  |  |
| c) Know ways in which conflict can be addressed in different situations (such as Thomas Kilmann Conflict Mode Instrument). |  |  |
| 12) Leadership.  Understand leadership as ways to empower and inspire others to deliver successful projects. | | |
| a) Understand how leadership impacts on team performance and motivation (using models such as Maslow, Herzberg and McGregor). |  |  |
| b) Understand why it may be necessary to change leadership styles depending upon the situation. |  |  |
| c) Understand the importance of a coaching and mentoring style in leadership, and the role of emotional intelligence. |  |  |
| 13) Team management.  Understand team management as the ability to work with team members to create and sustain teams. | | |
| a) Know the different stages in the development of a team, including creation, development, maintenance and leadership, and understand the factors which influence these stages.   and   Knowledge of the models that are used to understand team development (such as Belbin, Margerison McCann, Myers-Briggs, Hackman, Tuckman, Katzenbach and Smith). |  |  |
| b) Know the characteristics and benefits of effective teams and teamwork. |  |  |
| c) Understand why different leadership approaches are needed to support virtual and hybrid teams. |  |  |
| 14) Diversity and inclusion. Understand diversity and inclusion as the ability to build and maintain an inclusive environment that embraces a diverse culture. | | |
| a) Knowledge of diversity, including characteristics which may cause a person to be treated less favourably, such as: age, disability, marriage and civil partnership, pregnancy and maternity, race, religion or belief, sex, and sexual orientation. |  |  |
| b) Understand why incorporating diversity into all parts of a project, from team members to customers, is a factor in creating a positive working environment.   and   Understand the importance of embracing diverse thinking in teams as a means of generating innovative solutions. |  |  |
| c) Understand how conscious and unconscious bias can affect actions.   and   Know how to treat people fairly, including adapting behaviours to support individuals’ needs and facilitate their contributions. |  |  |
| 15) Ethics, compliance and professionalism.  Understand ethics, compliance and professionalism as the ability to work consistently in a moral, legal and socially responsible manner. | | |
| a) Understand the importance of continuing professional development, which should cover both knowledge, skills and behaviours, and the individual’s role in identifying and addressing their own competence gaps. |  |  |
| b) Knowledge of the sources of specialist advice and standards that need to be adhered to. |  |  |
| c) Understand the impact of the legal and regulatory landscape on projects (such as the impact on working conditions, risk management, governance and sustainability). |  |  |
| 16) Requirements management.  Understand requirements management as the ability to capture and monitor the requirements of a project. | | |
| a) Understand how to establish scope through requirements management processes (such as gather, analysis, justifying requirements and baseline needs). |  |  |
| b) Understand how to manage scope through configuration management processes (such as planning, identification, control, status accounting and verification audit). |  |  |
| 17) Solutions development. Understand solutions development as the ability to determine the optimal solution to satisfy agreed requirements. | | |
| a) Understand how to evaluate and prioritise requirements in order to deliver the optimal solution.   and   Understand the different approaches for different life cycle models, e.g. the use of MVP and MMP in iterative life cycles. |  |  |
| 18) Quality management. Understand quality management as the ability to ensure that outputs are delivered in accordance with requirements. | | |
| a) Understand what is meant by quality planning, including an understanding of quality indicators and how these relate to the business case. |  |  |
| b) Knowledge of how quality control techniques are used to determine whether success criteria are met. |  |  |
| 19) Integrated planning. Understand integrated planning as the ability to incorporate multiple plans and processes into an integrated project management plan. | | |
| a) Know the format for an effective integrated project management plan and its typical contents. |  |  |
| b) Understand the importance of producing an integrated project management plan. |  |  |
| 20) Schedule management.   Understand schedule management as the ability to undertake time-based planning with an emphasis on activities and resource. | | |
| a) Know how to define scope in terms of outputs, outcomes and benefits (including use of product, work and cost breakdown structures). |  |  |
| b) Understand there are links and dependencies between activities within a project and business-as-usual activities, for example business as-usual activities, costs, quality, risks and scope can all impact the schedule for the project. |  |  |
| c) Understand the reasons for and benefits of re-estimating, and schedule optimisation, throughout the project life cycle. |  |  |
| 21) Resource management. Understand resource management as the ability to identify and schedule the required internal and external resources. | | |
| a) Know how to determine the resources required and their availability to deliver activities within a project. |  |  |
| b) Understand how an organisational breakdown structure is used to create a responsibility assignment matrix (RACI). |  |  |
| c) Understand how resources are categorised and allocated to both linear and iterative life cycle schedules. |  |  |
| d) Know the differences between resource smoothing and resource levelling. |  |  |
| 22) Budgeting and cost control. Understand budgeting and cost control as the ability to estimate costs, develop and agree budgets and monitor actual costs against forecast costs. | | |
| a) Know how to create a budget (including the use of a cost breakdown structure) and the different costs included in a budget (fixed, variable, direct, indirect etc.). |  |  |
| b) Know how to forecast and refine budgets using cost control techniques e.g. earned value. |  |  |
| c) Know how to monitor and report financial performance (including different types of financial reports). |  |  |
| d) Know how to close down finances at the end of a project. |  |  |
| 23) Risk and issue management. Understand risk and issue management as the ability to identify and monitor risks (threats and opportunities); plan responses to those risks and respond to issues. | | |
| a) Understand the benefits of risk and issue management and the role of contingency planning in projects. |  |  |
| b) Understand the purpose and importance of each stage in a risk management process (such as identification, analysis, monitoring, escalation, response and closure) and an issue management process (such as logging and analysis, escalation, and assignment of actions).andUnderstand why these stages are different for linear and iterative life cycles. |  |  |
| c) Know proactive and reactive responses to risks (such as avoid, reduce, transfer or accept and exploit, enhance, share or reject). |  |  |
| d) Understand why governance is important in risk and issue management. |  |  |
| 24) Change control. Understand change control as the ability to manage variations and change requests in a controlled way. | | |
| a) Understand the purpose and importance of each stage of a typical change control process (such as request, initial evaluation, detailed evaluation, recommendation, update plans and implement).  and   Understand where these stages are different for linear and iterative life cycles. |  |  |
| b) Know what should be captured and recorded in change requests. |  |  |
| c) Know ways to assess options related to a proposed change and the high-level impact of the proposed change. |  |  |
| d) Understand how to justify recommendations about whether to approve, reject or defer changes. |  |  |
| e) Understand the importance of updating plans and schedules to reflect and communicate changes. |  |  |

## Project Professional Qualification (PPQ)

**In the table below please map where within your course material you can locate each of the APM Project Professional Qualification syllabus criteria.**

| Syllabus learning objective and learning outcome | Evidence location | APM use only |
| --- | --- | --- |
| *Example: Knowledge of the strengths and limitations of different life cycles.* | *Workbook page 11. Slide 16.* |  |
| Unit 1 Delivering projects through effective leadership and management. | | |
| 1) Provide visionary leadership for a project. | | |
| 1.1 Critically evaluate ethical, flexible, inspirational and collaborative approaches to the leadership of others in evolving situations. |  |  |
| 1.2 Critically analyse ways in which to engage with a diverse range of individuals and teams to agree aims and objectives which are aligned to a project’s strategic goals. |  |  |
| 1.3 Critically evaluate environments which encourage and sustain empowered and high performance teams. |  |  |
| 2) Establish and develop teams to achieve project aims and objectives. | | |
| 2.1 Critically evaluate the tools, techniques and leadership behaviours which can establish and sustain trust, confidence and collaboration to maintain change momentum within a project. |  |  |
| 2.2 Critically analyse how to respond to changes in a project’s environment to help ensure individual and team requirements and interests are maintained and supported. |  |  |
| 2.3 Critically analyse tools and techniques which are used to develop and maintain an effective team. |  |  |
| 2.4 Critically evaluate the role of monitoring and feedback to recognise and discuss individual contributions. |  |  |
| 2.5 Critically evaluate the relationship between performance management, the team development cycle and motivation to the success of a project. |  |  |
| 2.6 Critically evaluate the extent to which conflict could be used to improve individual and team performance. |  |  |
| 3) Maintain an engaged and constructive team through a positive approach to conflict management. | | |
| 3.1 Critically evaluate why and how to act with objectivity, impartiality and honesty when determining the cause of conflict. |  |  |
| 3.2 Critically analyse appropriate actions to take which help ensure conflict is managed and resolved giving respect to each party and with the support of others where required. |  |  |
| 3.3 Critically evaluate ways in which to address challenges, issues and conflict to reduce any negative impact on a project. |  |  |
| 3.4 Critically analyse ways in which to maintain an awareness of challenges, issues and conflict within a project team. |  |  |
| 4) Resolve problems taking a logical approach to the problem solving process | | |
| 4.1 Demonstrate an awareness of the impact of problems on the achievement of a project’s objectives. |  |  |
| 4.2 Demonstrate how to obtain valid, reliable and timely information to resolve problems. |  |  |
| 4.3 Demonstrate a logical and recognised approach to problem-solving. |  |  |
| 4.4 Demonstrate an awareness of the relationship between problem-solving and decision making. |  |  |
| 5) Make decisions which support the objectives of a project. | | |
| 5.1 Demonstrate how to maintain decision making hierarchies within a project. |  |  |
| 5.2 Demonstrate an understanding of how decision-making in a project relates to the organisation‘s governance structure. |  |  |
| 5.3 Demonstrate a logical and recognised approach to decision making. |  |  |
| 6) Communicate effectively with stakeholders to achieve a project’s objectives. | | |
| 6.1 Critically analyse ways in which to effectively and appropriately communicate so that the relationship between a project’s vision, values and objectives, and organisational strategic objectives are understood by stakeholders. |  |  |
| 6.2 Critically evaluate ways in which to communicate throughout a project where interaction with the project team and wider environment is necessary to deliver a project’s objectives. |  |  |
| 6.3 Demonstrate effective verbal communication to provide information to, and gain information from, stakeholders. |  |  |
| 7) Negotiate effectively with stakeholders to achieve a project’s objectives. | | |
| 7.1 Demonstrate how to effectively negotiate with internal stakeholders. |  |  |
| 7.2 Demonstrate how to effectively negotiate with external stakeholders. |  |  |
| Unit 2 Delivering projects through effective governance and oversight. | | |
| 1) Establish and maintain the governance structure of a project to ensure alignment to organisational practice. | | |
| 1.1 Critically evaluate appropriate structures and hierarchies for a project which ensure alignment with the organisation’s structure and are based on the life cycle to be employed. |  |  |
| 1.2 Critically evaluate why and how to establish roles, responsibilities and relationships within a project ensuring levels of authority and accountability are accepted by individuals within the project team. |  |  |
| 1.3 Critically evaluate ways in which to establish and maintain the reporting hierarchies and structure during the life of a project. |  |  |
| 2) Use information to inform reviews and help manage deviations from a project plan. | | |
| 2.1 Critically evaluate reliable and valid information to review a range of factors at key stages in a project based on the life cycle employed. |  |  |
| 2.2 Critically evaluate the importance of aligning reviews with organisational, legal and regulatory requirements. |  |  |
| 2.3 Critically analyse situations, and how to resolve them, where deviations to a project plan may occur. |  |  |
| 2.4 Critically analyse reasons for accurately documenting deviations from a project plan. |  |  |
| 3) Manage change control processes and protocols. | | |
| 3.1 Critically evaluate the benefits and features which support the implementation and maintenance of an effective change control process. |  |  |
| 3.2 Critically evaluate ways in which to capture, record and review proposed options for change to determine the impact on a project’s scope and objectives. |  |  |
| 3.3 Critically evaluate why and how to implement and manage approved changes to a project. |  |  |
| 3.4 Critically evaluate why and how a trends analysis is used to add value to the management of a project and to inform learning and knowledge management. |  |  |
| 4) Manage stakeholder influence, interest and engagement for the benefit of a project. | | |
| 4.1 Critically analyse techniques to determine stakeholder power, influence and interest. |  |  |
| 4.2 Critically evaluate why and how to develop and implement a stakeholder engagement and communication plan(s) to engage and influence stakeholders. |  |  |
| 4.3 Critically analyse ways in which to monitor and amend a stakeholder engagement and communication plan(s) using valid and reliable information from a range of stakeholders. |  |  |
| 4.4 Critically evaluate relevant feedback from stakeholders to determine the potential impact on a project based on the life cycle employed. |  |  |
| 4.5 Critically evaluate why and how to provide relevant stakeholders with financial reports during and at closure of a project. |  |  |
| 5) Deliver the intended benefits of a project. | | |
| 5.1 Critically evaluate the importance of confirming the intended benefits are measurable, meaningful to stakeholders and relate to an organisation’s strategic objectives. |  |  |
| 5.2 Critically evaluate ways in which to develop a benefits management strategy which records priorities, timescales and responsibilities. |  |  |
| 5.3 Critically evaluate the importance of prioritising the achievement of benefits based on their level of contribution to an organisation’s strategic objective. |  |  |
| 5.4 Critically evaluate ways in which to create a benefits realisation plan considering funding, tracking, monitoring and appropriate indicators and scheduling. |  |  |
| 5.5 Critically evaluate ways in which to maximise achievement of the planned benefits. |  |  |
| Unit 3 Delivering projects through effective planning and control. | | |
| 1) Manage project costs within agreed budgets which supports management of a project. | | |
| 1.1. Critically evaluate cost tracking tools and techniques in order to manage a project’s budget based on the business case and an understanding of cost estimates. |  |  |
| 1.2 Critically evaluate the importance of cashflow and cashflow forecasting for a project to ensure availability of funds when required and based on the life cycle employed. |  |  |
| 1.3 Critically evaluate why and how to establish cost trends and monitor the financial performance of a project. |  |  |
| 1.4 Critically evaluate the importance of cost analysis and its role in adjusting cost management processes, budget allocations and updating final costs. |  |  |
| 1.5 Critically evaluate the importance of completing all financial transactions before project closure. |  |  |
| 2) Respond to risks to minimise threats and increase opportunities. | | |
| 2.1 Critically analyse qualitative and quantitative approaches to risk identification and analysis throughout a project and based on the life cycle employed. |  |  |
| 2.2 Critically evaluate why and how to record and plan responses to risks. |  |  |
| 2.3 Critically evaluate why and how to implement appropriate responses to risks. |  |  |
| 2.4 Critically evaluate the importance of reviewing how risks were managed during a project, the implications of these risks for future projects and managing all open risks at project closure. |  |  |
| 3) Respond to issues in a way that supports the management of a project. | | |
| 3.1 Critically evaluate why and how to record, and plan responses to resolve issues. |  |  |
| 3.2 Critically evaluate how to implement appropriate responses to issues. |  |  |
| 3.3 Critically evaluate the importance of reviewing how issues were resolved during a project, and the implications for future projects. |  |  |
| 4) Develop and implement an integrated plan to support the management of a project. | | |
| 4.1 Critically analyse ways in which to document the outcomes of a project’s planning process. |  |  |
| 4.2 Critically analyse ways in which to balance the fundamental components of scope, schedule, resource, budgets, risks and quality to meet project requirements. |  |  |
| 4.3 Critically evaluate the purpose of an integrated plan. |  |  |
| 4.4 Critically evaluate why and how to monitor the progress of a project against the integrated plan. |  |  |
| 4.5 Critically analyse why and how to adjust an integrated plan based on the progress of a project. |  |  |

## Project Risk Management level 1

**In the table below please map where within your course material you can locate each of the APM Project Risk Management level 1 qualification syllabus criteria.**

| Syllabus learning objective and learning outcome | Evidence location | APM use only |
| --- | --- | --- |
| *Example: Knowledge of the strengths and limitations of different life cycles.* | *Workbook page 11. Slide 16.* |  |
| 1) General | | |
| a) Define project risk management. |  |  |
| b) Define project risk. |  |  |
| c) Define risk event. |  |  |
| 2) Benefits | | |
| a) List benefits of risk management |  |  |
| b) List possible threats to effective risk management. |  |  |
| 3) Principles. | | |
| a) Define threat and opportunity. |  |  |
| 4) Process. | | |
| a) Define the PRAM process. |  |  |
| 4.1) Initiate.  a) Define project objectives. |  |  |
| b) Define scope. |  |  |
| c) Define success criteria. |  |  |
| d) Define stakeholder and stakeholder analysis. |  |  |
| 4.2 Identify. |  |  |
| 4.3 Assess. |  |  |
| 4.4 Plan responses. |  |  |
| 5) Organisation and control. | | |
| a) Define the risk management plan. |  |  |
| b) Define roles and responsibilities of those involved in the risk management process. |  |  |
| c) Define the contents of a risk register. |  |  |
| d) Define the contents of a risk report. |  |  |
| e) Define risk reviews. |  |  |
| f) Define project contingency/management reserve. |  |  |
| 6) Behaviour. | | |
| a) Define risk attitude. |  |  |
| b) Define risk-averse. |  |  |
| c) Define risk-tolerant. |  |  |
| d) Define risk-neutral. |  |  |
| e) Define risk-seeking. |  |  |
| f) Define the triple strand. |  |  |
| g) Define situational factors. |  |  |
| h) Define the availability heuristic. |  |  |
| i) Define the representativeness heuristic. |  |  |
| j) Define the anchoring and adjustment heuristic. |  |  |
| k) Define the confirmation trap. |  |  |
| l) Define the affect heuristic. |  |  |
| m) Define emotion. |  |  |
| n) Define groupthink. |  |  |
| o) Define the “Moses factor”. |  |  |
| p) Define risky and cautious shift. |  |  |
| q) Define cultural conformity. |  |  |
| r) Define power distance. |  |  |
| s) Define uncertainty avoidance. |  |  |
| 7) Application. | | |
| a) List the main steps of introduction of risk management to an organisation. |  |  |
| 8) | | |
| 8.1 Risk identification assessment.  a) Define risk identification techniques. |  |  |
| 8.2 Qualitative risk assessment  a) Define:  i. Probability / impact assessment  ii. Structured risk descriptions, i.e. cause – risk – effect  iii. Risk breakdown structures |  |  |
| * 1. Quantitative risk assessment   a) Define quantitative risk assessment techniques. |  |  |
| 8.4 Risk response  a) Define risk response techniques. |  |  |

## Project Risk Management level 2

**In the table below please map where within your course material you can locate each of the APM Project Risk Management level 2 qualification syllabus criteria.**

| Syllabus learning objective and learning outcome | Evidence location | APM use only |
| --- | --- | --- |
| *Example: Knowledge of the strengths and limitations of different life cycles.* | *Workbook page 11. Slide 16.* |  |
| 1) Introduction. Not included. Covered in level 1. | | |
| 2) Benefits. | | |
| a) Explain benefits of risk management and how they apply at different levels within an organisation. |  |  |
| b) Explain possible threats to effective risk management. |  |  |
| 3) Principles. | | |
| a) Explain the concept of risk as threat and opportunity. |  |  |
| b) Explain the differences between risk events and project risk. |  |  |
| 4) Process. | | |
| a) Demonstrate understanding of the PRAM process and apply it to a case study. |  |  |
| b) Demonstrate application of scaling project risk management to a case study. |  |  |
| 4.1 Initiate.  a) Identify project objectives, scope and success criteria. |  |  |
| b) Carry out stakeholder analysis. |  |  |
| 4.2 Identify.  a) Identify risks from a case study, in the form cause - risk event – effect. |  |  |
| 4.3 Assess.  a) Explain the difference between qualitative and quantitative risk assessment and when they should be applied |  |  |
| b) Assess risks qualitatively. |  |  |
| c) Assess risks quantitatively. |  |  |
| d) Explain the need to prioritise project risks. |  |  |
| * 1. Plan responses   a) Suggest assignment of risk owners based on a case study |  |  |
| b) Plan response strategies for differing threats and opportunities identified from a case study. |  |  |
| c) Calculate cost/benefit analysis of risk responses. |  |  |
| 5) Organisation and control. | | |
| a) Produce a risk management plan. |  |  |
| b) Explain, and distinguish between, the differing roles in project risk management. |  |  |
| c) Create a risk register. |  |  |
| d) Explain the importance of continued risk ownership and regular risk reviews. |  |  |
| e) Explain methods for determining levels of contingency on projects. |  |  |
| f) Explain the importance of post-project reviews, lessons learnt, and how to obtain information for future risk management. |  |  |
| 6) Behaviour. | | |
| a) Explain how human factors (individual and group risk attitudes) could generically have an effect on the stages of the PRAM process and the effectiveness of risk management. |  |  |
| b) Explain how situational assessments, heuristics, feelings/emotions and/or group biases can have an effect on the risk management process and how they can be overcome. Apply to a case study. |  |  |
| 7) Application of PRAM. | | |
| a) Describe ways to introduce risk management to a project, including getting buy-in from senior management. |  |  |
| 8) | | |
| * 1. Risk identification techniques   a) Explain the different identification techniques, their advantages and disadvantages. |  |  |
| b) Use the appropriate risk identification technique for the situation. |  |  |
| * 1. Qualitative risk assessment   a) Define project specific probability and impact scales. |  |  |
| b) Use a 5x5 probability/impact grid to prioritise risks. |  |  |
| * 1. Quantitative risk assessment   a) Explain Probability distribution functions and demonstrate their use. |  |  |
| b) Explain the uses and benefits of risk assessment techniques. |  |  |
| c) Explain the theory behind Monte Carlo Analysis and its application on projects. |  |  |
| d) Interpret data from a Monte Carlo analysis. |  |  |
| e) Calculate mean, median, mode, variance. |  |  |
| f) Explain criticality and cruciality. |  |  |
| g) Explain net present value (NPV) and internal rate of return (IRR) in risk assessment. |  |  |
| h) Use a decision tree to decide the best option. |  |  |
| i) Use sensitivity analysis to determine key risk drivers. |  |  |
| j) Calculate expected value of threats. |  |  |
| * 1. Risk response   a) Suggest the most appropriate responses for a variety of threats and opportunities |  |  |