

Project Management Matrix

UEENEEG169A	UEENEEG170A	UEENEE015B	UEENEE011C	UEENEEH141A
<p>T1 Defining project parameters encompassing:</p> <ul style="list-style-type: none"> Project scope Project stakeholders and clients Project phases and the relationship between phases Time requirements and limitations Resource requirements and limitations Quality requirements and limitations <p>T2 Time management concepts and standard practices</p> <p>T3 Financial management encompassing:</p> <ul style="list-style-type: none"> Financial management concepts Standard practices for managing project finances Project budgets Costs variations and estimations Invoicing against project phases/deliverables Acquittals and the like <p>T4 Quality management concepts and practices</p> <p>T5 Human Resource management concepts and practices within a project</p> <p>T6 Communication management concepts and practices within a project</p> <p>T7 Risk management and contingencies encompassing:</p> <ul style="list-style-type: none"> Risk management concepts Internal risks External risks Contingencies Standard practices for managing risk within a project Risk minimisation Risk removal; and the like <p>T8 Procurement management concepts and practices</p> <p>T9 Physical Resource management concepts and practices relating to equipment, technology, information and facilities</p> <p>T10 Contracts encompassing:</p> <ul style="list-style-type: none"> Contract format Contract content Interpreting contract clauses Legal obligations of contract parties Working to contract specifications Documentation accompanying contracts such as schedules and the like <p>T11 Performance assessment and continuous improvement</p> <p>T12 Engineering ethics principles</p> <p>T13 Customer/Client relations encompassing:</p> <ul style="list-style-type: none"> Importance of customer/client relations Interpersonal skills that enhance customer/client Dispute resolution Customer/client relations strategies <p>T14 Electrical industry sector customs and practice encompassing:</p> <ul style="list-style-type: none"> Equipment procurement, cost/benefit analysis and performance testing Typical approaches to planning and management Successful planning techniques Best practice management methods and styles 	<p>T1 Project planning encompassing:</p> <p>T2 Purpose of project planning Evidence shall show an understanding of managing electrical projects to an extent indicated by the following aspects:</p> <p>T3 Defining project parameters encompassing:</p> <ul style="list-style-type: none"> Project scope Project stakeholders and clients Project phases and the relationship between phases Time requirements and limitations Resource requirements and limitations Quality requirements and limitations <p>T4 Time management concepts and standard practices</p> <p>T5 Financial management encompassing:</p> <ul style="list-style-type: none"> Financial management concepts Standard practices for managing project finances Project budgets Costs variations and estimations Invoicing against project phases/deliverables Acquittals and the like <p>T6 Quality management concepts and practices</p> <p>T7 Human Resource management concepts and practices within a project</p> <p>T8 Communication management concepts and practices within a project</p> <p>T9 Risk management and contingencies encompassing:</p> <ul style="list-style-type: none"> Risk management concepts Internal risks External risks Contingencies Standard practices for managing risk within a project Risk minimisation Risk removal; and the like <p>T10 Procurement management concepts and practices</p> <p>T11 Physical Resource management concepts and practices relating to equipment, technology, information and facilities</p> <p>T12 Contracts encompassing:</p> <ul style="list-style-type: none"> Contract format Contract content Interpreting contract clauses Legal obligations of contract parties Working to contract specifications Documentation accompanying contracts such as schedules and the like <p>T13 Performance assessment and continuous improvement</p> <p>T14 Engineering ethics principles</p> <p>T15 Customer/Client relations encompassing:</p> <ul style="list-style-type: none"> Importance of customer/client relations Interpersonal skills that enhance customer/client Dispute resolution Customer/client relations strategies <p>T16 Electrical industry sector customs and practice encompassing:</p> <ul style="list-style-type: none"> Equipment procurement, cost/benefit analysis and performance testing Typical approaches to planning and management Successful planning techniques Best practice management methods and styles Documents needed to plan a project Factors influencing sequence and restraints of project activities Critical path analysis covering graphical representation methods and methods of representing time/rates <p>T17 Critical path and project analysis encompassing:</p> <ul style="list-style-type: none"> Purpose of critical path analysis Essential data Relational sequence of work activities Graphical representation methods Methods of representing time/rates Monitoring methods <p>T18 Electrical industry sector customs and practice encompassing:</p> <ul style="list-style-type: none"> Equipment procurement, cost/benefit analysis and performance testing Typical approaches to planning and management Successful planning techniques Best practice management methods and styles 	<p>T1 Purpose of customer relations encompassing:</p> <ul style="list-style-type: none"> Procedures for dealing with customer issues Dealing with customer issues <p>T2 Purpose of critical path analysis encompassing:</p> <ul style="list-style-type: none"> Essential data Relational sequence of work activities Graphical representation methods of the project life cycle and other project management functions Implementing risk management 	<p>T1 The need for risk management within the broad project management framework T2 Risk management methodologies, their capabilities, limitations, applicability and outcomes</p> <p>T3 Uncertainty and the means of measurement</p> <p>T4 The application of risk management tools and techniques</p> <p>T5 Risk management in the context of the project</p> <p>T6 Implementing risk management</p>	<p>T1. Electronic/computer systems industry sector customs and practices</p> <ul style="list-style-type: none"> Technical aspects of project planning and management encompassing: Method of ensuring equipment meets specified performance requirements Performance/cost benefit analysis Equipment procurement Typical approaches to planning and management Successful planning techniques Best practice management methods and styles <p>T2. Defining project parameters - Project scope; Project stakeholders and clients; Project phases and the relationship between phases; Time requirements and limitations; Resource requirements and limitations; Quality requirements and limitations.</p> <p>T3. Time management - time management concepts; standard practices for ensuring a project runs to time and the like.</p> <p>T4. Financial management - Financial management concepts; Standard practices for managing project finances; Project budgets; Costs, variations and estimations; Invoicing against project phases/deliverables; Acquittals and the like.</p> <p>T5. Quality management - Quality management concepts; Standard practices for managing quality within a project.</p> <p>T6. Human Resource management - human resource management concepts; standard practices for managing personnel within a project</p> <p>T7. Communication management - Communication management concepts; Standard practices for managing communication within a project and the like.</p> <p>T8. Risk management and contingencies - risk management concepts; standard practices for managing risk within a project; Internal risks; External risks; Risk minimisation; Risk removal; Contingencies and the like.</p> <p>T9. Procurement management - procurement management concepts; standard practices for managing procurement and the like.</p> <p>T10. Physical Resource management - Types of physical resource, including; Equipment, Technology, Information, Facilities; Physical resource management concepts; Standard practices for managing physical resources</p> <p>T11. Contracts - Understanding project contracts; Standard practices for working to contract specifications; Contract format; Contract content; Legal obligations of contract parties; Accompanying documentation including; Contract Schedules and the like.</p> <p>T12. Performance assessment and continuous improvement - standard performance assessment practices; standard continuous improvement practices and the like</p> <p>T13. Engineering ethics principles</p> <p>T14. Customer/Client relations</p> <ul style="list-style-type: none"> Importance of customer/client relations Interpersonal skills that enhance customer/client Dispute resolution Customer/client relations strategies

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 July 2018