Project Management Matrix

UEENEEG169A	UEENEEG170A	UEENEEE015B	UEENEEE011C	UEENEEH141A
T1 Defining project parameters encompassing: ▪ 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 T2 Time management concepts and standard practices T3 Financial management encompassing: ▪ Financial management concepts ▪ Standard practices for managing project finances ▪ Project budgets ▪ Costs ▪ variations and estimations ▪ Invoicing against project phases/deliverables ▪ Acquittals and the like T4 Quality management concepts and practices T5 Human Resource management concepts and practices within a project T6 Communication management concepts and practices within a project T7 Risk management and contingencies encompassing: ▪ Risk management concepts ▪ Internal risks ▪ External risks ▪ Contingencies ▪ Standard practices for managing risk within a project ▪ Risk minimisation ▪ Risk removal; and the like T8 Procurement management concepts and practices T9 Physical Resource management concepts and practices relating to equipment, technology, information and facilities T10 Contracts encompassing: ▪ 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 T11 Performance assessment and continuous improvement T12 Engineering ethics principles T13 Customer/Client relations encompassing: ▪ Importance of customer/client relations ▪ Interpersonal skills that enhance customer/client ▪ Dispute resolution ▪ Customer/client relations strategies T14 Electrical industry sector customs and practice encompassing: ▪ Equipment procurement, cost/benefit analysis and performance testing ▪ Typical approaches to planning and management ▪ Successful planning techniques ▪ Best practice management methods and styles	T1 Project planning encompassing: T2 Purpose of project planning Evidence shall show an understanding of managing electrical projects to an extent indicated by the following aspects: T3 Defining project parameters encompassing: ▪ 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 T4 Time management concepts and standard practices T5 Financial management encompassing: ▪ Financial management concepts ▪ Standard practices for managing project finances ▪ Project budgets ▪ Costs ▪ variations and estimations ▪ Invoicing against project phases/deliverables ▪ Acquittals and the like T6 Quality management concepts and practices T7 Human Resource management concepts and practices within a project T8 Communication management concepts and practices within a project T9 Risk management and contingencies encompassing: ▪ Risk management concepts ▪ Internal risks ▪ External risks ▪ Contingencies ▪ Standard practices for managing risk within a project ▪ Risk minimisation ▪ Risk removal; and the like T10 Procurement management concepts and practices T11 Physical Resource management concepts and practices relating to equipment, technology, information and facilities T12 Contracts encompassing: ▪ 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 T13 Performance assessment and continuous improvement T14 Engineering ethics principles T15 Customer/Client relations encompassing: ▪ Importance of customer/client relations ▪ Interpersonal skills that enhance customer/client ▪ Dispute resolution ▪ Customer/client relations strategies T16 Electrical industry sector customs and practice encompassing: ▪ 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 T17 Critical path and project analysis encompassing: ▪ Purpose of critical path analysis ▪ Essential data ▪ Relational sequence of work activities ▪ Graphical representation methods ▪ Methods of representing time/rates ▪ Monitoring methods T18 Electrical industry sector customs and practice encompassing: ▪ Equipment procurement, cost/benefit analysis and performance testing ▪ Typical approaches to planning and management ▪ Successful planning techniques ▪ Best practice management methods and styles	T1 Purpose of customer relations encompassing: ▪ Procedures for dealing with customers ▪ Dealing with customer issues T2 Purpose of critical path analysis encompassing: ▪ Essential data ▪ Relational sequence of work activities ▪ Graphical representation methods ▪ Methods of representing time/rates ▪ Monitoring methods	T1 The need for risk management within the broad project management framework T2 Risk management methodologies, their capabilities, limitations, applicability and outcomes T3 Uncertainty and the means of measurement T4 The application of risk management tools and techniques T5 Risk management in the context of the project life cycle and other project management functions T6 Implementing risk management	T1. Electronic/computer systems industry sector customs and practices ▪ 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 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. T3. Time management - time management concepts; standard practices for ensuring a project runs to time and the like. 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. T5. Quality management - Quality management concepts; Standard practices for managing quality within a project. T6. Human Resource management - human resource management concepts; standard practices for managing personnel within a project T7. Communication management - Communication management concepts; Standard practices for managing communication within a project and the like. 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. T9. Procurement management - procurement management concepts; standard practices for managing procurement and the like. T10. Physical Resource management - Types of physical resource, including; Equipment, Technology, Information, Facilities; Physical resource management concepts; Standard practices for managing physical resources 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. T12. Performance assessment and continuous improvement - standard performance assessment practices; standard continuous improvement practices and the like T13. Engineering ethics principles T14. Customer/Client relations ▪ Importance of customer/client relations ▪ Interpersonal skills that enhance customer/ client ▪ Dispute resolution ▪ Customer/client relations strategies

unique to 015B

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July 2018