

EIE511Project Management(2 Units)

Department of Electrical and Information Engineering

Covenant University

1. EIE511

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Management Concepts. Project organization, teams, methods and tools for project management. Organization constraints on development. System Engineering, Software Development Process, Software Life Cycle, software Metrics and Measurement. Project Planning objectives, Resources, Project Estimation, Cost Factors, Decomposition Techniques, Estimation Models. Risk Strategies, Risk Identification, Risk Projection, Risk Monitoring and Management. Work Breakdown Structure, Task Allocation/Effort Distribution. Network Diagrams, PERT and Critical Path Method, Gantt Chart. Scheduling Strategies. Project Tracking, Controlling Progress. Quality measurement.