BSE3101 IT Project Management and Development (4CU)

Course objective: At the end of the course, students will: (i) Appreciate the range of practical project management techniques available; (ii) Be able to apply project management principles and techniques within their organizations; and (iii) Be able to confidently undertake the management of a project and see it to as at is factory conclusion on time and with in budget.

Course Content; The specific are as to be covered are:

Integration Management includes the processes required to ensure that the various elements of the project are properly coordinated. Scope Management is the function of controlling a project in terms of it saims, goals and objectives through the process of conceptual development, full scope definition or statement, scope reporting and control, and project close out. Time Management is the function of maintaining appropriate allocation of time to every element in the overall conduct of theprojectthroughthesuccessivestagesofitsnaturallife-cycle.CostManagementisthefunction of maintaining effective financial control of the project. Quality Management is the composite of material attributes (including performance features and characteristics)of the product or service which are required to satisfy the needs for which the project is being under taken. Human Resource Management is the function of directing and coordinating human resources throughout the life of the project. It involves the application of the principles of behavioral science and administrative knowledge to achieve the predetermined project objectives of scope, time cost, quality and participant satisfaction. Communications Management includes the processes required to ensure timely and appropriate generation, collection, dissemination, storage and ultimate disposition of project information. Risk Management includes the processes concerned with identifying, analyzing and responding to project risk. It includes maximizing the results of positive events and minimising the consequences of adverse events. Procurement Management is the function of acquiring resources for the project in order to produce the end product.

References

•Advanced Project Management Techniques, by Dick Billows, PMP

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