**KB COLLEGE**

**POSTGRADUATE PROGRAM ON PROJECT MANAGEMENT**

**COURSE OUTLINE:**

Course title: **PROJECT QUALITY MANAGEMENT**

Course Code:**PMgt721**

Credit Hours:**2**

**Course Description**

* This course familiarizes students with basic concepts of project quality management based on the critical success factors in project management. It will cover contents like, the basic concepts of project management quality planning quality assurance as well as quality control practices in a project quality context. Further it will explain project quality planning tools and techniques; ISO standards and project quality thinking as well as time management in project endeavors.

**Course objectives**

At the end of this course students are expected to:

* *Understand the basic concepts of project quality management*
* *Take part in project quality planning and control*
* *Take part in implementation of standards in project quality management*
* *List the three outputs of the quality control process*
* *Understand the tools and techniques for quality control, such as pareto analysis, statistical sampling, six sigma, quality control charts, and testing*
* *Implement time management in project endeavors effectively*

**CHAPTER I-BASIC CONCEPTS OF PROJECT QUALITY**

* 1. Quality concepts & myths
	2. What is Project Quality Management
	3. The characteristics of project quality management
	4. Project Maturity models
	5. Continuous improvement

**CHAPTER II- THE PROCESS OF PROJECT QUALITY MANAGEMENT**

2.1. The process of project quality management

2.2. Project quality planning tools & techniques

2.3. Project quality assurance tools & techniques

2.4. Project quality control tools & techniques

**CHAPTER III- ISO STANDARDS AND PROJECT QUALITY THINKING**

3.1. International standards in project management

3.2. National Standards in project management

3.3. Professioinal Standards in project management

**CHAPTER IV- KEY PROJECT SUCCESS FACTORS AND PQM**

4.1. Cost and Project Success Factors

4.2. Quality and Project Success Factors

4.3. Time and Project Success Factors

4.4. Time Management in Project endeavors

4.5. Leadership as a project success factors

**MODE OF DELIVERY**

Lecture on the project quality management tools and techniques

Case analysis on key project success factors

Individual and group presentation based on practical case work

**ASSESSMENT/EVALUATION**

Group assignment….30%

Individual project work ……20%

Final exam …50%

**REFERENCES**

* A guide to project management Body of knowledge(PMBOK Guide).4th ed. Pennsylavania:Project Management Institute
* Harold Kerzer(200).Applied Project Management:Best Practices on implementationn. John Wiley & Sons, Inc., Newyork.
* Turner J. Rodney(2009).The Handbook of project Based Management