

Course Number: PM509  
Course Name: Project Management – Integrating Quality into Project Methodologies. Prerequisite – PM501  
No. of Credits: 3

**Project Quality Management: Why, What, and How**

Kenneth H. Rose, PMP  
ISBN: 1932159487  
Published 2005

**Quality Management for Projects and Programs**

Lewis R. Ireland  
ISBN: 1880410117  
Published 1991

**A Guide to the Project Management Body of Knowledge (PMBOK Guide),  
third edition**

Project Management Institute, Inc.  
Four Campus Boulevard  
Newtown Square, PA. 19073-3299  
ISBN: 1-930699-45-X ©2004

I. Course Description

This course investigates the increasing use of projects to accomplish important organizational goals and the unique style of administration required to manage them. To illustrate and reinforce concepts, a variety of projects, organizational settings, and issues will be investigated. Special topics to be addressed include quality planning, quality assurance, quality control and quality and statistical process control.

II. Objectives:

As part of our efforts in this course we will work towards achieving the following objectives related to Quality Management:

1. Discuss the range, extent, and complexity of quality planning in modern projects.
2. Practice applying modern project management tools and techniques to the issue of quality planning.
3. Integrating quality practices into the project methodology.
4. Develop a quality toolkit for successful project management.

### III Learning Outcomes:

It is important that the student be able to understand and successfully apply quality principles in their thinking during this course and in their work environment. To that end we will work toward the following Learning Outcomes for this course:

1. The student will gain an understanding of quality planning, the timing, application, and expected results from applying quality principles in their projects.
2. In this course the student will achieve an understanding of the principles, processes and practices which pertain to use of Quality Management in the project lifecycle.
3. The student will obtain knowledge of quality auditing practices and the advantages of timely audits as part of the project lifecycle.
4. This course will provide the student with quality reporting methods and the effective use of reporting when working with project sponsors, customers, and management.
5. The student will obtain knowledge on the Cost of Poor Quality (COPQ) and how to leverage this information to influence project decisions to ensure a quality project.

### IV Methods:

The following method(s) will be used in teaching the course: lectures, in-class discussions, discussion boards, team activities, short papers and a final exam.

- V Attendance: Consistent class attendance is a must for many reasons, not the least of which is the obvious fact that it is very difficult to contribute to, participate in, or profit from classroom discussions and other activities if you are not present. In an online environment, class attendance is measured by the student's participation in discussion boards and posting of assignments on a consistent basis. Discuss unavoidable absences with the instructor in advance if possible and do whatever is necessary to make-up missed work. A single absence with prior approval of the instructor may be acceptable.

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VI References or Bibliography: The Student CD-Rom accompanying the text includes Study outlines, Quizzes, Selected exercises, Videos, PowerPoint slides, Microsoft Project software and Web links that will be helpful in accomplishing the course objectives.

VII Please review the University Plagiarism Policy in the Graduate Catalog.

VIII Evaluation:

<i>Assignment Title</i>	<i>Week Issued</i>	<i>Week Due</i>	<i>Grade Points</i>
<b>Chapter Problems</b>	<b>1</b>	<b>2 to 12</b>	<b>160</b>
<b>Discussion Boards</b>	<b>1</b>	<b>2 to 12</b>	<b>300</b>
<b>Two Short Papers</b>	<b>1</b>	<b>2 to 12</b>	<b>140</b>
<b>Final Exam</b>	<b>1</b>	<b>12</b>	<b>400</b>
<b>Individual Point Subtotal</b>			<b>1,000</b>

<i>Letter Grade</i>	<i>Min Points</i>	<i>Max Points</i>	<i>Letter Grade</i>	<i>Min Points</i>	<i>Max Points</i>
<b>A</b>	<b>930</b>	<b>1000</b>	<b>C+</b>	<b>770</b>	<b>799</b>
<b>A-</b>	<b>900</b>	<b>929</b>	<b>C</b>	<b>730</b>	<b>769</b>
<b>B+</b>	<b>870</b>	<b>899</b>	<b>C-</b>	<b>700</b>	<b>729</b>
<b>B</b>	<b>830</b>	<b>869</b>	<b>F</b>	<b>0</b>	<b>699</b>
<b>B-</b>	<b>800</b>	<b>829</b>			