

Master of Business Administration in Total Quality Management Course Descriptions

Course: Management and Organizational Behavior	Course Code: MGT 302	Credit Hours: 3
Pre-requisite(s): None		
This course provides an overview of the major functions of management like planning, organizing, staffing, leading, and controlling. It also provides a balanced coverage of all the key elements comprising the discipline of Organizational Behavior in a style that students will find both informative and interesting. Students will learn about the relation between structure and culture; leadership, motivation, teamwork, and communication.		
Course Title Financial Management	Course Code FIN -301	Credit Hours 3
Pre-requisite(s) None		
The course gives an understanding and perspective on the financial management functions in an organization. It provides the ability to use tools like financial statement analysis, financial planning and working capital management. It enhances long term investment decisions through the use of valuation principles and equips students with the ability and confidence to tackle common financial problems in practice.		
Course Title Business Statistics	Course Code BUS -102	Credit Hours 3
Pre-requisite(s) None		
This course introduces students to statistical analysis and how it relates to business decision making. Students will learn how to apply statistical tools for the collection, presentation, description, analysis and interpretation of data in business contexts. Topics covered include variables, levels of measurements, basic survey design, descriptive measures, probability analysis, sampling methods, confidence interval and hypothesis testing, and correlation and regression analysis. The course includes theoretical and practical lectures.		
MBA Courses		
Course Title: Organizational Behavior and Leadership	Course Code: MGT 565	Credit Hours: 3
Pre-requisite(s): None		
This course focuses on the study of human behavior in organizations. Students will learn to apply various theoretical concepts and practical methods for understanding, analyzing, and predicting individual and group behavior, teamwork, motivation, interpersonal conflict, and communication. In addition, students will learn various leadership theories and practices in the organization and global leadership. Students will also conduct critical analyses of various models and issues related to employee behavior within organizations, analyze cases, and apply theories innovatively and ethically.		
Course Title: Management Research Methods	Course Code: MGT 550	Credit Hours: 3

<i>Pre-requisite(s): None</i>		
This course provides students with the opportunity to identify and apply appropriate research methodologies, including quantitative and qualitative methods approaches, to design, analyze, interpret, and report research results. The main goal of this course is to enable students to make informed decisions using advanced statistical analysis based on accurate, reliable, and timely information, just like managers in a corporate setting.		
Course Title: Advanced Marketing Management	Course Code: MKT 570	Credit Hours: 3
<i>Pre-requisite(s): None</i>		
This course provides an understanding of the application of marketing theories, concepts, and practices as they relate to the management of the marketing function in a complex organization. Emphasis will be on the managerial aspects of marketing plans, including analysis of the external environment. A key element of the course will include the relationship of the "marketing mix" to strategic planning. A clear understanding of the importance of marketing, as well as a grasp of effective marketing practices, will be examined. Students will gain a working knowledge of both marketing theory and the practical application of innovative marketing strategies. They will also come to understand how product, price, place, and promotion contribute to the marketing mix as they explore research-based insights into consumer behavior.		
Course Title: Managerial Finance	Course Code: FIN 505	Credit Hours: 3
<i>Pre-requisite(s): None</i>		
This course provides an introduction to managerial finance, financial statements and analysis, cash flow and financial planning. Students will also explore the time value of money, capital budgeting techniques, the cost of capital, capital structure, and working capital management.		
Course Title: Advanced Operations Management	Course Code: MGT 505	Credit Hours: 3
<i>Pre-requisite(s): MGT 550</i>		
This course helps students to apply the operations management principles and strategies for improving the service/product innovation. Focus is laid on analyzing the design of operations processes from the product-process matrix viewpoint and developing a global supply chain management strategy through the usage of information technology (IT) and inventory management techniques. By studying this course, students will be able to analyze the improvement processes from various perspectives of lean and six sigma tools and apply them successfully in managing projects.		
Course Title: Designing organizations for Quality	Course Code: TQM 600	Credit Hours: 3
<i>Pre-requisite(s): None</i>		
This course will cover the principles of total quality management and emphasizes the high-performance management practices, such as those reflected in the ISO 9000 and Six Sigma. Topics will include: foundations of quality management, Design for quality, process improvement, quality management systems and managing for performance excellence.		
Course Title: Business Strategy and Ethics (Capstone)	Course Code: BUS 502	Credit Hours: 3
<i>Pre-requisite(s): FIN 505, MGT 505, MGT 565, MGT 550, MKT 570</i>		
This is a capstone course and it enables students to learn about the dynamics of strategic management process and strategy formulation in an applied manner. It equips students to critically analyze, interpret, and evaluate both internal and external environments in local and global contexts. By studying this course, students will develop hands-on skills of strategic decision-making frameworks and approaches and be able to apply them successfully at personal, organizational, and societal levels.		

Focus will be laid on critically analyzing the corporate ethical principles and ethical issues in the workplace, and training students to apply in the dynamic organizational scenarios.		
Course Title: Planning and Continuous Improvement	Course Code: TQM 601	Credit Hours: 3
<i>Pre-requisite(s): TQM 600</i>		
This course covers the necessary tools and techniques for continuous improvement and problem solving. Students will learn how to develop their interpersonal skills and work effectively in teams. In addition, this course helps students and guides them through the effective use of problem-solving tools and helps them apply the quality improvement process in all aspects of their work.		
Course Title: Strategic Performance Measurement Systems	Course Code: TQM 602	Credit Hours: 3
<i>Pre-requisite(s): TQM 600, BUS 502</i>		
This course focuses on various types of performance indicators for continuous improvements and how to identify indicators that achieve organizations goals and objectives. Students will learn how to develop and design effective performance measurement systems. Topics will include: quality and process indicators, indicators criticalities and curiosities, performance indicators properties, designing a performance measurement system and indicators, measurement, preferences and evaluation.		
Course Title: Statistical Quality Control	Course Code: TQM 603	Credit Hours: 3
<i>Pre-requisite(s): MGT 505, MGT 550</i>		
This course introduces students to modern quality control techniques for statistical process monitoring and control. Students will advance their knowledge of the benefits of process improvement tools and apply statistical process control for continuous quality improvement. Topics for the course include Six Sigma processes, control charts for variables and attributes, Process and Measurement System Capability Analysis, Control Charts for Detecting Small Shifts, and Multivariate Process Monitoring and Control techniques.		
Course Title: Advanced Management Information Systems	Course Code: MIS 501	Credit Hours: 3
<i>Pre-requisite(s): None</i>		
The course provides the students with the knowledge and skills required to utilize information systems for organizations effectively. Students will explore information technology components, information systems in organizations, web-enabled enterprises, and information systems security. The topics are related to the specified areas of business and management.		
Course Title: Dissertation	Course Code: TQM 607	Credit Hours: 6
<i>Pre-requisite(s): Students must have completed 30 credit hours</i>		
The MBA-TQM dissertation course involves the investigation of a quality management problem by the student. The student has to choose the research topic from the area of TQM and carry out applied research in quality related issues. The MBA-TQM dissertation course enables the student to demonstrate their overall understanding of the courses studied in the MBA program. Under the guidance of a supervisor, the student will be able to apply appropriate methodologies to articulate the identified problem and critically analyze the issues involved. The student will be able to present the outcomes of the analysis and recommend solutions appropriate to the field of work.		