

# KING GRADUATE SCHOOL (KG) - GRADUATE COURSES

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## **KG-570 - Foundations of Computer Science** (1 cr)

This course presents a breadth-first overview of the discipline that assumes no prior background in computer science, programming, or mathematics. Students will learn most of the necessary concepts about computer science. Topics covered include Hardware, software, Programming Languages and its application, introduction to databases, Networks and computer security.

## **KG-571 - Foundations of Programming** (2 cr)

The purpose of this course is to ensure that students possess the required foundational knowledge for graduate-level course work in programming, topics such as looping, arrays, the program development cycle, programming and user environments, elements of high-quality programs, and data types and program flow controls. Students will complete and present a culminating project to demonstrate their ability to apply the concepts introduced in this course.

## **KG-573 - Foundations of Database** (2 cr)

This course is designed to ensure that students have the requisite foundational knowledge for graduate-level course work in database management, topics relational database and design, database architecture, SQL Data Definition, data type and basic retrieval queries will be covered. Entity- relationship modeling, data storage and querying as well as data security and integrity constraints will also be introduced.

## **KG-574 - Foundations of Computer Networks** (2 cr)

This course is designed to ensure that students acquire the requisite foundational knowledge for graduate-level course work in computer networking, networking concepts and tools, and networking infrastructure, operations, and security. Students will also learn how to troubleshoot common wired and wireless connectivity and performance, and other network service issues, as well as implementation of network security, standards, protocols, and device hardening.

## **KG-581 - Accounting Foundations** (1 cr)

This foundation course provides the knowledge and skills necessary for students to understand accounting principles and standards, financial statements, and financial records. Students learn basic accounting concepts and theories, such as: the three principal types of business activity, analysis and classification of business transactions, debits and credits, the content, purpose, and relationship of each of the financial statements, the meaning of assets, liabilities, and stockholders'/owners' equity, and the basic accounting equation. Students are introduced to various accounting tools that are used for business decision making, such as: inventory cost flow methods, the depreciation method, direct and indirect methods for analyzing statements, and the ethics of financial reporting.

## **KG-582 - Management & Marketing Foundations** (1 cr)

This course focuses on the nature of management. Students examine the interpersonal and analytical skills managers need to meet their day-to-day responsibilities in a variety of corporate settings, as well as profit and not-for-profit organizations. Students also discuss the manager's role with emphasis on planning, organizing, leading, and controlling within an organization. This workshop includes brief introduction to the nature and role of marketing in today's economy and provides a good foundation for understanding how the marketing process allows goods and services to flow from producer to the ultimate consumer, and how it affects the overall consumer buying process.

## **KG-583 - Statistics Foundations** (1 cr)

This foundation workshop covers concepts in Descriptive Statistics, Inferential Statistics, Probability, and OLS estimates (trend line with intercept and slope). The objective of the workshop is to strengthen skills in abstract thinking, critical analysis, and forecasting. Topics include implementation of basic statistical applications, probability outcomes of experiments and events, graphing of linear equations, correlation, regression, and sample testing.

## **KG-584 - Economics Foundations** (1 cr)

Students in this course are introduced to a variety of concepts and tools in micro and macroeconomics. This workshop analyzes supply and demand, price elasticity, and the main components of macroeconomics such as gross (and net) domestic product, inflation and interests, unemployment, income, debt, and investment, and how these factors affect the market.

## **KG-585 - Finance Foundations** (1 cr)

This course teaches students how to identify, understand, and describe financial ratios, and use them to analyze a firm's liquidity, profitability and solvency. The workshop includes an overview of financial statements and business decision-making, and analysis and interpretation of financial data. Students are also introduced to the tools available to analyze a firm's profitability and risk. In addition, several key financial concepts are highlighted such as, the Time Value of Money.

## **KG-586 - Healthcare Foundations** (1 cr)

This course introduces students to the historical development, structure, operation, and current and future directions of the American health care delivery system. Students examines the ways in which health care services are organized and delivered, the influences that impact health care public policy decisions, factors that determine the allocation of health care resources, and the relationship of health care costs to measurable benefits. Students also undertake an in-depth analysis of the nature and operations of managed care in the United States as well as the purposes of various plans and how they operate.

## **KG-604 - Graduate Research & Critical Analysis** (3 cr)

This interdisciplinary course (required by most Master's programs) develops student writing, specialized research, and communication skills that are necessary for success at the Master's degree level and in your professional life. In this workshop-style course, students will examine the writing process, and the development of research questions and thesis statements. Students will begin by using their skills to develop a presentation regarding a work-related topic. Students will also find, select, read, and evaluate scholarly articles from pre-researched and peer-reviewed databases. Students will use the research articles related to their field of study to develop a literature review with an annotated bibliography crafted in APA format.

## **KG-610 - Organizational Change and Conflict Resolution** (3 cr)

This course explores theories and methods of intervention designed to bring about effective organization change and conflict resolution. Organizations, in every industry across the globe, are in need of leaders capable of managing through the complexities of rapidly changing business environments. Accordingly, Conflict Resolution would help students develop the skillset to effectively approach, manage, and resolve issues faced in professional and personal environments. Students develop skills by applying theories and models to organization cases, group, and individual projects.

*Prerequisite:* MG-630

**KG-620 - Contemporary Leadership Issues** (3 cr)

Building on concepts and skills acquired in the Organizational Behavior and Leadership course (MG 630), this is an advanced leadership course that explores in depth the topic of how to deal with the multidimensional aspect and challenges of contemporary leadership. Key themes in this course would include identifying contemporary leadership issues and exploring the pros and cons of using different strategies to address these issues. Primary emphasis is on learning techniques that students can use to continue to develop their leadership skills as they progress in their respective careers.

*Prerequisite:* MG-630

**KG-630 - Cultural Leadership** (3 cr)

Using experiential learning, case analyses, and individual and group projects, this course provides students with an appreciation of the process of leading across cultures and the challenges they face while working in multicultural environments. Core competencies of this course include self-awareness, managing ambiguity and uncertainty, managing intergroup conflict, cross-cultural communication, and international career development.

*Prerequisite:* MG-630

**KG-680 - Graduate Internship Preparation I** (1 cr)

These internship courses provide students with an opportunity to combine academic study with valuable industry experience in their desired career track. Students work in an approved industry setting under the mentorship of a faculty member. Students apply theory to practice, gain managerial experience, enhance their resumes, clarify career goals, and make contact with potential employers.

**KG-681 - Graduate Internship Preparation Level II** (1 cr)

This is the 2nd in series of professional development courses designed for graduate students with limited or no prior work experience. Through reflection and evaluation, students will continue to develop their knowledge base as they learn to compete and function effectively in today's dynamic and complex professional marketplace. Students will continue to revise and modify their career goals, enhance their resumes, and improve their "soft skills" to prepare them for success in the workplace.

*Prerequisite:* KG-680

**KG-682 - Graduate Internship Preparation Level III** (1 cr)

This is the 3rd in series of professional development courses designed for graduate students with limited or no prior work experience. Through reflection and evaluation, students will continue to develop their knowledge base as they learn to compete and function effectively in today's dynamic and complex professional marketplace. Students will continue to revise and modify their career goals, enhance their resumes, and improve their "soft skills" to prepare them for success in the workplace.

*Prerequisite:* KG-681

**KG-683 - Graduate Internship Preparation Level IV** (1 cr)

This is the 4th in series of professional development courses designed for graduate students with limited or no prior work experience. Through reflection and evaluation, students will continue to develop their knowledge base as they learn to compete and function effectively in today's dynamic and complex professional marketplace. Students will continue to revise and modify their career goals, enhance their resumes, and improve their "soft skills" to prepare them for success in the workplace.

*Prerequisite:* KG-682

**KG-690 - Graduate Professional Experience I** (1 cr)

These internship courses provide students with an opportunity to combine academic study with valuable industry experience in their desired career track. Students work in an approved industry setting under the mentorship of a faculty member. Students apply theory to practice, gain managerial experience, enhance their resumes, clarify career goals, and make contact with potential employers.

*Designation:* Field Experience

**KG-691 - Graduate Professional Experience II** (1 cr)

These internship courses provide students with an opportunity to combine academic study with valuable industry experience in their desired career track. Students work in an approved industry setting under the mentorship of a faculty member. Students apply theory to practice, gain managerial experience, enhance their resumes, clarify career goals, and make contact with potential employers.

*Designation:* Field Experience

**KG-692 - Graduate Professional Experience III** (1 cr)

These internship courses provide students with an opportunity to combine academic study with valuable industry experience in their desired career track. Students work in an approved industry setting under the mentorship of a faculty member. Students apply theory to practice, gain managerial experience, enhance their resumes, clarify career goals, and make contact with potential employers.

*Designation:* Field Experience

**KG-693 - Graduate Professional Experience IV** (1 cr)

These internship courses provide students with an opportunity to combine academic study with valuable industry experience in their desired career track. Students work in an approved industry setting under the mentorship of a faculty member. Students apply theory to practice, gain managerial experience, enhance their resumes, clarify career goals, and make contact with potential employers.

*Designation:* Field Experience

**KG-694 - Graduate Professional Experience V** (1 cr)

These internship courses provide students with an opportunity to combine academic study with valuable industry experience in their desired career track. Students work in an approved industry setting under the mentorship of a faculty member. Students apply theory to practice, gain managerial experience, enhance their resumes, clarify career goals, and make contact with potential employers.

*Designation:* Field Experience

**KG-695 - Graduate Professional Experience VI** (1 cr)

These internship courses provide students with an opportunity to combine academic study with valuable industry experience in their desired career track. Students work in an approved industry setting under the mentorship of a faculty member. Students apply theory to practice, gain managerial experience, enhance their resumes, clarify career goals, and make contact with potential employers.

*Designation:* Field Experience

**KG-696 - Graduate Professional Experience VII** (1 cr)

These internship courses provide students with an opportunity to combine academic study with valuable industry experience in their desired career track. Students work in an approved industry setting under the mentorship of a faculty member. Students apply theory to practice, gain managerial experience, enhance their resumes, clarify career goals, and make contact with potential employers.

*Designation:* Field Experience

**KG-697 - Graduate Professional Experience VIII (1 cr)**

These internship courses provide students with an opportunity to combine academic study with valuable industry experience in their desired career track. Students work in an approved industry setting under the mentorship of a faculty member. Students apply theory to practice, gain managerial experience, enhance their resumes, clarify career goals, and make contact with potential employers.

*Designation:* Field Experience

**KG-698 - Graduate Professional Experience IX (1 cr)**

These internship courses provide students with an opportunity to combine academic study with valuable industry experience in their desired career track. Students work in an approved industry setting under the mentorship of a faculty member. Students apply theory to practice, gain managerial experience, enhance their resumes, clarify career goals, and make contact with potential employers.

*Designation:* Field Experience

**KG-699 - Graduate Professional Experience X (1 cr)**

These internship courses provide students with an opportunity to combine academic study with valuable industry experience in their desired career track. Students work in an approved industry setting under the mentorship of a faculty member. Students apply theory to practice, gain managerial experience, enhance their resumes, clarify career goals, and make contact with potential employers.

*Designation:* Field Experience

**KG-790 - Graduate Professional Experience XI (1 cr)**

These internship courses provide students with an opportunity to combine academic study with valuable industry experience in their desired career track. Students work in an approved industry setting under the mentorship of a faculty member. Students apply theory to practice, gain managerial experience, enhance their resumes, clarify career goals, and make contact with potential employers.

*Designation:* Field Experience

**KG-791 - Graduate Professional Experience XII (1 cr)**

These internship courses provide students with an opportunity to combine academic study with valuable industry experience in their desired career track. Students work in an approved industry setting under the mentorship of a faculty member. Students apply theory to practice, gain managerial experience, enhance their resumes, clarify career goals, and make contact with potential employers.

*Designation:* Field Experience

**KG-792 - Graduate Professional Experience XIII (1 cr)**

These internship courses provide students with an opportunity to combine academic study with valuable industry experience in their desired career track. Students work in an approved industry setting under the mentorship of a faculty member. Students apply theory to practice, gain managerial experience, enhance their resumes, clarify career goals, and make contact with potential employers.

*Designation:* Field Experience