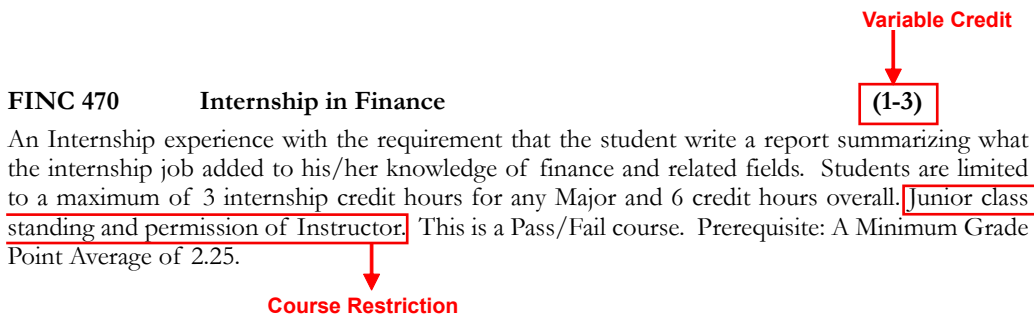
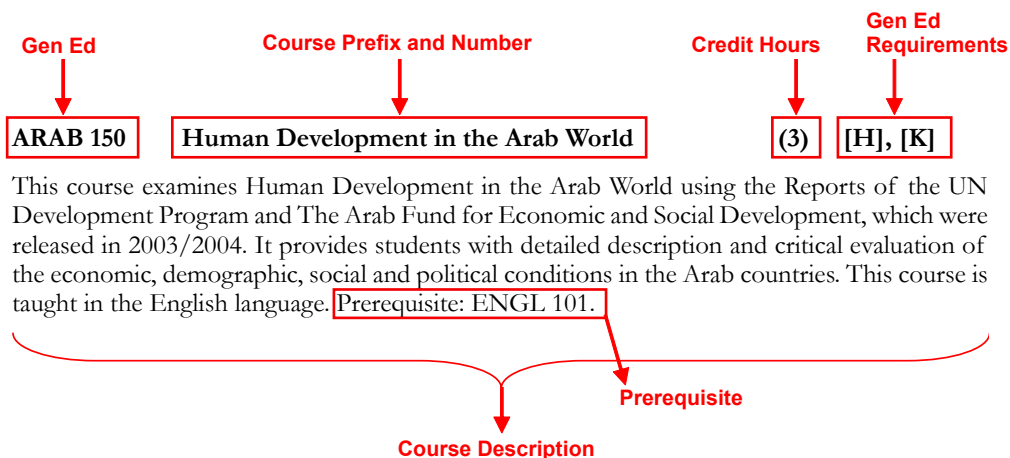


# **COURSE DESCRIPTIONS BY DISCIPLINE (FIELD OF STUDY)**

**EXPLANATION OF COURSE DESCRIPTIONS:**



## GLOSSARY OF TERMS:

**Co-requisite:**

A co-requisite is a course that can be taken before or during the course with the co-requisite.

**Course Description:**

The Course Description explains the content of the course.

**Course Restriction:**

A course restriction is a constraint placed upon a course to ensure that the student is prepared to take the course. Most of the time, there are no course restrictions on 100-level courses. In the example above, FINC 470, the student must be at least a Junior and must have the permission of the instructor to enter the course. In order to have the permission of the instructor, the student must fill out a form, receive the necessary signatures, and turn in the form to the Registrar.

**Course Prefix and Number:**

The course prefix is a four letter mnemonic that represents the discipline (field of study). In this example, "ARAB" is the prefix for Arabic. The course number denotes the difficulty level of the course material. In general, lower-level courses (100 and 200 level courses) are taken by Freshmen and Sophomore students, while upper-level courses (300 and 400 level courses) are taken by Junior and Senior students.

**Course Title:**

The course title denotes the name of the course.

**Credit Hours:**

The amount of credit hours reflects the numerical value of the course as it relates to course load. A student at AUK is expected to complete at least 120 credit hours in order to graduate. With an average course load of 15 credit hours per semester (usually around 5 courses), the student is expected to graduate in 4 years.

**Cross-listed:**

If a course is cross-listed, it means that the course is offered jointly by more than one discipline (field of study). Students may choose to take the course under the prefix (discipline/field of study) that aligns with the student's Major.

**Gen Ed Requirement:**

A "Gen Ed Requirement" is a General Education Requirement. All students of AUK must complete 45 credits of General Education, dispersed among 10 disciplines (fields of study) Upon completion of General Education, the student will have learned several skill sets and mental abilities.

**Prerequisite:**

A prerequisite is a course or courses that the student must take before s/he may take the course with the prerequisite[s]. In the example above, a student must take English 101 before taking the course Arabic 150.

**Variable Credit:**

Some courses have variable credit, meaning that the course may be worth 1, 2, or up to six credit hours. Verify the amount of credit hours with the instructor and/or Division Head before the class begins. Each student wishing to take a course with variable credit should fill out a form with the assigned number of credit hours and receive the appropriate signatures before turning the form into the Registrar.

## **DISCIPLINES (FIELDS OF STUDY):**

- Accounting (ACCT)
- American Studies (AMST)
- Arabic (ARAB)
- Art (ART)
- Business Ethics and Law (BEAL)
- Biology (BIOL)
- Chemistry (CHEM)
- Communication Studies (COMM)
- Computer Engineering (CPEG)
- Computer Science (CSIS)
- Drama (DRAM)
- Economics (ECON)
- Education (EDUC)
- Electrical Engineering (ELEG)
- English (ENGL)
- Engineering (ENGR)
- Entrepreneurship Studies (ENTR)
- Environmental Studies (ENVS)
- Finance (FINC)
- French (FRNC)
- Graphic Design (GDES)
- Health and Fitness (HFIT)
- History (HIST)
- International Studies (INST)
- Mathematics (MATH)
- Management (MGMT)
- Marketing (MRKT)
- Music (MUSC)
- Natural Sciences (NSCI)
- Philosophy (PHIL)
- Physics (PHYS)
- Political Science (PLSC)
- Psychology (PSYC)
- Religion (RELG)
- Social and Behavioral Sciences (SBSA)
- Spanish (SPAN)
- Statistics (STAT)
- Translation (TRAN)

## ACCOUNTING (ACCT)

- ACCT 201 Principles of Financial Accounting (4)**  
An introduction and overview of financial accounting. Topics include basic concepts and principles of accounting; the accounting cycle, financial statements, cash, cash flow statement, receivables, inventories, assets and liabilities and merchandizing operations. Prerequisite: MATH 103 or MATH 110.
- ACCT 205 Managerial Accounting (3)**  
An introduction to internal accounting including cost measurement, product costing, cost-volume relationship, budgeting and budget variance analysis, performance evaluation. Prerequisite: ACCT 201.
- ACCT 301 Intermediate Accounting I (3)**  
This course begins in-depth analysis of financial accounting. Topics include accounting standards and theory, the balance sheet, statement of cash flows, comprehensive income, revenue recognition, profitability analysis, receivables and investment valuation; inventory and departures from historic cost, operational assets and impairment. Sophomore class standing or permission of Instructor. Prerequisite: ACCT 201 or ACCT 205.
- ACCT 305 Intermediate Accounting II (3)**  
This course builds on applications, standards, and practices taught in ACCT 301, providing in-depth analysis of financial accounting, advancing to consider liabilities and owners' equity. Topics include accounting for current liabilities, contingencies, bonds, long term notes, pensions, leases, income tax and shareholders' equity, embracing contributed capital, retained earnings, and dividends and earnings per share. Sophomore class standing or permission of Instructor. Prerequisite: ACCT 301.
- ACCT 334 Individual and Corporate Taxation (3)**  
An analysis of international taxation theory and the application of tax theory for domestic and international activity in Kuwait. Sophomore class standing or permission of Instructor. Prerequisite: ACCT 205.
- ACCT 369 Short Course (1-3)**  
Issues of cost management and its use to achieve organizational goals. Relationship of performance measurement, compensation, authority to organizational structure, organizational development and success. Junior class standing or permission of Instructor. Prerequisites: ACCT 205 and MGMT 345.
- ACCT 388 Independent Study (1-3)**  
A research and writing project to be determined in consultation with the Instructor. Prerequisite: ACCT 205. Senior class standing and permission of Instructor. Can be repeated for credit with different topic.
- ACCT 389 Special Topics (3)**  
An analysis of contemporary issues in accounting theory; of new techniques in managerial accounting; and in global regulation of corporate financial reporting. Prerequisites: ACCT 205 and permission of Instructor. Can be repeated for credit with different topic.
- ACCT 401 Advanced Managerial Accounting (3)**  
Issues of cost management and its use to achieve organizational goals. Relationship of performance measurement, compensation, authority to organizational structure, organizational development and success. Senior class standing. Prerequisites: ACCT 205 and MGMT 345 and ENGL 305.

**ACCT 405      Advanced Financial Accounting      (3)**  
This course builds on disciplinary knowledge and techniques provided in earlier Financial Accounting courses to develop higher order cognitive skills needed to address complex issues emerging in accounting. Topics include: Accounting Theory, Concepts and Standards, Standard Setting Process, Emerging Issues, Accounting Institutions, Accounting Regulation, and Ethical Issues in Accounting. Senior class standing. Prerequisites: ACCT 301 and ENGL 305.

**ACCT 413      Accounting Capstone: Auditing      (3)**  
Accounting and auditing principles and standards, reporting methods, controls and test of controls, function of the independent auditor. Senior class standing. Prerequisites: ACCT 205 and MGMT 345 and ENGL 305.

**ACCT 421      International Financial Reporting Standards      (3)**  
An overview of International Financial Reporting Standards and the accounting standards generally accepted in Kuwait. Students are introduced to the Financial Reporting requirements of global capital markets. Senior class standing. Prerequisites: ACCT 205 and ENGL 305.

**ACCT 470      Internship in Accounting      (1-3)**  
An Internship experience with the requirement that the student write a report summarizing what the internship job added to his/her knowledge of accounting and related fields. Students are limited to a maximum of 3 internship credit hours for any Major and 6 credit hours overall. Junior class standing and permission of Instructor. This is a Pass/Fail course. Prerequisite: A Minimum Grade Point Average of 2.25.

## **AMERICAN STUDIES (AMST)**

**AMST 121      US History since 1900      (3)**  
Examination of the major political and economic themes in the US from 1900 to the present. Topics will include the world wars, prohibition and the Depression, the rise of the US as a global power, the Cold War, and the Gulf War.

**AMST 320      American History from European Colonization to 1900      (3)**  
Discovery of the Western Hemisphere; European colonial settlement; birth of a nation; history of the United States until the Civil War including slavery and emancipation; westward expansion and Native American response; modernization. Sophomore class standing or permission of Instructor.

**AMST 333      American Culture      (3)**  
An interdisciplinary study of America's view of itself; contemporary society including race, ethnicity, politics, literature and film; issues of violence, discrimination, racism and attitudes that shape contemporary American culture. Sophomore class standing or permission of Instructor.

**AMST 369      Short Course      (1-3)**  
Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

**AMST 388      Independent Study      (1-3)**  
A research and writing project to be determined in consultation with the Instructor. Senior class standing and permission of Instructor. Can be repeated for credit with different topic.

**AMST 389      Special Topics      (3)**  
Senior class standing and permission of Instructor. Can be repeated for credit with different topic.

**AMST 402 American Social History in the Twentieth Century (3)**

The economic boom and the conservative/traditional 50s; the Civil Rights movement; the anti-war movement; the feminist movement; the counter-culture movement; the student movement; the response of the political right; the information revolution; transformation of the culture and the political landscape. Junior class standing or permission of Instructor. Prerequisite: HIST 105.

**AMST 409 American Foreign Policy since WWII (3)**

Investigation of American foreign policy since World War II; the process of decision making; the role of the Presidency, the State Department and Pentagon bureaucracy, the Congress, and Public Opinion. Focuses on the Cold War and the Middle East. Junior class standing or permission of Instructor.

**ARABIC (ARAB)****ARAB 101 Arabic as a Second Language I (3) [A]**

This course introduces the student to the Arabic alphabet, the script of modern written Arabic, and develops the student's knowledge in the four language skill areas. The materials are designed in the effective modern approach to foreign language teaching. This course is taught in the Arabic language. Prerequisite: Arabic Admission Placement or Arabic Placement Exam score less than or equal to 4.

**ARAB 114 Arabic Basic Language Skills (3) [A]**

This course introduces students to basic Arabic language skills: listening, speaking, reading and writing. This course is taught in the Arabic language. Students may not enroll and will not receive credit for a language-learning course taken below the level of the language-learning course into which they were tested. Prerequisite: Arabic Admission Placement or Arabic Placement Exam score between 5 and 14.

**ARAB 150 Human Development in the Arab World (3) [H], [K]**

This course examines Human Development in the Arab World using the Reports of the UN Development Program and The Arab Fund for Economic and Social Development, which were released in 2003/2004. It provides students with detailed description and critical evaluation of the economic, demographic, social and political conditions in the Arab countries. This course is taught in the English language. Prerequisite: ENGL 101.

**ARAB 201 Arabic as a Second Language II (3)**

This course extends ARAB 101 and is designed to enhance further the non-native speaker's knowledge and proficiency of Arabic. This course is taught in the Arabic language. Students may not enroll and will not receive credit for a language-learning course taken below the level of the language-learning course into which they were tested. Prerequisite: ARAB 101.

**ARAB 205 Survey of Arab-Islamic Civilization (3) [H], [K]**

The course acquaints students with the past influence and present importance of Arab-Islamic civilization. It investigates how Islam has shaped many different cultures in Asia, Europe and Africa over the last 1400 years. The religious, political and cultural values associated with Arab-Islamic culture will be discussed. Furthermore, students will be familiarized with the historical forces that shaped the past, and what these forces mean for the world today. This course is taught in the English language. This course satisfies the General Education Requirement for Arab Culture. Prerequisite: ENGL 101.

**ARAB 215 Arabic Composition I (3) [A]**

This course introduces native speakers of Arabic-with English curricula education-to intermediate reading and writing skills in Arabic. Using various literary and non-literary styles, students will



**ARAB 313 Arab Women and Literature (3) [H], [K]**  
 A survey of the history of Arab women's literature, from the medieval period to the present day. Special attention is paid to the questions of literary tradition. This course is taught in the Arabic language. Sophomore class standing or permission of Instructor.

**ARAB 314 Classical Arabic Poetry (3) [H], [K]**  
 This course focuses on selected masterpieces of classical Arabic poetry. Individual works are studied with an aim to understanding the historical context of their composition and to appreciating their literary value. This course is taught in the Arabic language. This course satisfies the General Education Requirement for Arab Culture. Sophomore class standing or permission of Instructor. Prerequisite: ARAB 220.

**ARAB 315 Literature of Al-Andalus (3) [H], [K]**  
 A survey of poetry and prose from the nearly eight centuries of Arab-Islamic civilization in Al-Andalus. This course is taught in the Arabic language. This course satisfies the General Education Requirement for Arab Culture. Sophomore class standing or permission of Instructor. Prerequisite: ARAB 220.

**ARAB 322 Media Arabic (3) [K]**  
 This course familiarizes students with the language skills necessary to comprehend and contribute to a wide range of media communications: Writing, interviewing, broadcasting, reporting, news coverage, etc. This course is taught in the Arabic language. This course satisfies the General Education Requirement for Arab Culture. Sophomore class standing or permission of Instructor.

**ARAB 369 Short Course (1-3)**  
 Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

**ARAB 388 Independent Study (1-3)**  
 Permission of Instructor. Can be repeated for credit with different topic.

**ARAB 389 Special Topics (3)**  
 Permission of Instructor. Can be repeated for credit with different topic.

**ARAB 400 Arab Identity and Thought (3)**  
 Since the Arab awakening of the late 19th century, Arab thought has been largely concerned with identity formation in relation or in opposition to other cultures and nationalities. This course examines representative writings by Arab thinkers and authors, which deal with issues concerning the state formation, modernization, nationalism, democracy, Islamism, women's rights and minority issues. This course is taught in the Arabic language. Junior class standing or permission of Instructor.

**ARAB 401 Arabic as a Second Language IV (3)**  
 This course concludes the sequence of Arabic courses as a Second Language. It further develops the four language skills and takes the student to the threshold of advanced proficiency. This course is taught in the Arabic language. Junior class standing or Permission of Instructor. Students may not enroll and will not receive credit for a language-learning course taken below the level of the language-learning course into which they were tested. Prerequisite: ARAB 301.

## **ART (ART)**

**ART 101 Art History (3) [H]**  
 A critical survey of the chronological development of Western Art from the ancient Greeks to the 19th Century.

**ART 103 Arab and Islamic Art (3) [H], [K]**  
A critical survey of the chronological development of Islamic Art. This course satisfies the General Education Requirement for Arab Culture.

**ART 115 Color Theory (3) [H]**  
This is an introductory studio course designed to teach students how to explore color in the visual arts. Projects will familiarize students with the colors, color interactions, as well as color and value balance. The course will also teach students how to use color as a means for expression and impression. The class will also explore the history and science of color along with the physics, neuroscience, chemistry, and mathematics of color theory. [Cross-listed with GDES 115].

**ART 121 Drawing I (3) [H]**  
Drawing I is a fundamental art course, introducing students to basic drawing techniques through traditional approaches to line, form, composition, perspective and chiaroscuro. Students learn to judge proportions, create the illusion of 3D space and volume, and analyze and articulate ideas about their own work and the work of others.

**ART 201 Art and Society (3) [H]**  
Focus on significant artists and artworks in the context of historical periods and requirements of the societies.

**ART 211 Cities as Art (3) [H], [K]**  
An examination of various historic cities in or connected to the Islamic world, with a discussion of their history and evolution, important artworks, landmarks, and buildings. This course satisfies the General Education Requirement for Arab Culture.

**ART 215 Modern Art (3) [H]**  
This course surveys the art and architecture of the late nineteenth and twentieth century Europe and North America. This course will both introduce students to the major artists, architects, and artistic movements of the period, including Impressionism, Cubism, Surrealism, and abstract Expressionism as well as develop the students' knowledge of the chronological development of Western art that was introduced in ART 101, Art History. Prerequisite: ART 101.

**ART 221 Drawing II (3) [H]**  
Drawing II is the second of two fundamental drawing courses. It continues the processes and concepts introduced in Drawing I and introduces interpretive approaches to drawing with a growing emphasis on creativity and content. Prerequisite: ART 121.

**ART 233 Art of the Mughal Queens (3) [H]**  
This course surveys the art of the Mughals of Iran and India from approximately 1400 - 1700 C.E., with a particular emphasis on the architecture commissioned by or created for the Mughal queens. Included in this selection is the Taj Mahal, the tomb built by Shah Jahan for his beloved Mumtaz Mahal.

**ART 241 Introduction to Painting (3) [H]**  
This course provides foundation in the practices and materials associated with painting, and prepares students to work in oil and/or water-based media. Working from direct observation, students develop an understanding of formal concerns as well as paint manipulation to produce strong representational and/or non-representational paintings. Prerequisite: ART 121.





## CHEMISTRY (CHEM)

- CHEM 101      General Chemistry I      (4) [P]**  
This introductory course covers the fundamental chemical principles, concepts and laws. Topics include chemical reactions, stoichiometry, gas laws, kinetic theory of fazes, thermochemistry, atomic structure and periodicity, the Bohr model, Lewis structures, ionic and covalent bonding, the solid state and crystallography, the liquid state and phase diagrams. Laboratory experiments illustrate principles discussed in the course. Co-requisite: MATH 201.
- CHEM 102      General Chemistry II      (4) [P]**  
Continuation of General Chemistry I. Covers properties of solutions; oxidation-reduction reactions, colligative and chemical properties; acid base and complex ion equilibria, laws of thermodynamics, enthalpy and free energy, electrochemistry, representative elements, transition metals, and nuclear chemistry. Laboratory includes experiments illustrating principles discussed in the course. Prerequisite: CHEM 101.
- CHEM 103      Chemistry in Everyday Life      (4) [P]**  
An introduction to the principles of chemistry and its role in our daily life. A number of topics will be addressed such as nuclear chemistry and the atomic bomb, acids and bases, petroleum, chemistry in the kitchen, food additives and coloring, perfumes, soaps and detergents, toxins and poisons, medicine and drugs, forensic chemistry and DNA fingerprinting, global warming, acid rain, air and water pollution. A required laboratory is part of the course.
- CHEM 105      Environmental Chemistry      (3) [P]**  
A study of the Chemistry of current environmental problems and potential solutions. Topics include water pollution and treatment, air pollution, photochemical smog, hazardous wastes, heavy metal soils, ground level pollution, and toxicology. It also includes issues of the ozone layer, global warming, acid rain, nuclear waste disposal and the problem and treatment of oil spills.
- CHEM 200      Aqueous Environmental Chemistry      (3) [P]**  
This course introduces students to properties and composition of natural waters. Topics include hydrologic cycle, water quality, partitioning, transport, chemical equilibria, pH, complexation, redox processes and water treatment. Prerequisite: CHEM 101 or CHEM 103 or CHEM 105.
- CHEM 201      Atmospheric Environmental Chemistry      (3) [P]**  
Introduction to structure, composition and chemical processes occurring in Earth's atmosphere, including interactions with solar radiation, stratospheric ozone layer, photochemical smog and acid rain. Prerequisite: CHEM 101 or CHEM 103 or CHEM 105.
- CHEM 300      Organic Chemistry      (4) [P]**  
An introduction to organic chemistry. The course covers the chemistry of hydrocarbons and halogenated hydrocarbons; aromatic hydrocarbons; Chemistry of oxygen and nitrogen compounds, and chemistry of alcohols, ethers, carbonyl compounds and amines. Laboratory includes experiments illustrating topics discussed in the course. Sophomore class standing or permission of Instructor. Prerequisite: CHEM 101 or CHEM 103.
- CHEM 369      Short Course      (1-3)**  
Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.
- CHEM 388      Independent Study      (1-4)**  
Permission of Instructor. Can be repeated for credit with different topic.

**CHEM 389 Special Topics (3)**  
Permission of Instructor. Can be repeated for credit with different topic.

## **COMMUNICATION STUDIES (COMM)**

**COMM 101 Introduction to Mass Communication (3)**  
Examines the issues and concepts involved in the initial study of the mass media, (i.e., television, radio, newspapers, magazines and interactive outlets) and how they impact the individual and society.

**COMM 110 Introduction to Digital Media Design (3)**  
This course introduces students to software used in the print and media industry. Students will gain technical knowledge in standard software packages such as: Adobe Photoshop, Illustrator, and Indesign. [Cross-listed with GDES 100].

**COMM 111 Images in Media (3)**  
The power of images in media is examined through milestones including those in photography, film, video, and interactive media. [Cross-listed with GDES 111].

**COMM 201 Principles of Journalism (3)**  
This course introduces students to the tenets of what makes news culture and how the modern journalist is shaped. Students will be introduced to various theoretical and practical matters that impact the journalist and affect the news media and the audience from professional standards and techniques for informing mass audiences; paradigms of reliability, confirmation, completeness in reportorial writing for news media. Prerequisite or Co-requisite: COMM 101.

**COMM 205 Writing for Mass Media (3)**  
Explores basic writing principles and techniques for influencing mass audiences. Exposes students to intensive practice in writing for various groups, including political, civic, and business organizations. Prerequisite: ENGL 101.

**COMM 208 Film Production I (3)**  
Introduces students to basics of cinematic storytelling through narrative genres and documentaries. Examines the basics of script-writing, directing, cinematography, and editing. Develops skills in all areas of the craft, and explores both the creative and the technical aspects of production. Includes a short project. Familiarizes students with the nature of filmmaking through lectures and working experiments with traditional narrative filmmaking, documentary, and new media. Prerequisite: COMM 101. [Cross-listed with GDES 208].

**COMM 210 Research Methods in Communication (3)**  
Introduces students to social science research methods within a mass communication context. It emphasizes the scientific method and surveys basic concepts of theoretical and empirical research. Covers a variety of methodologies, elementary statistics and criteria for adequate research. Prerequisites: COMM 101.

**COMM 225 Theories of Communication (3)**  
A basic theory course for communications and media studies. Introduces prevailing communication theories, including agenda setting, uses and gratification, and diffusion constructs. Prerequisites: ENGL 101 and COMM 101.

**COMM 230 Principles of Advertising (3)**  
Provides students with an analysis of commercial advertising from a global perspective with attention to communication theory. Students will examine the structure of advertising messages, how they are adapted to specific audiences, and the social settings in which they occur. Issues of Internet advertising and e-commerce will be explored. Prerequisite: COMM 101.

**COMM 240 Principles of Public Relations (3)**  
Surveys the fundamentals and techniques involved in public relations operations, including the history, philosophy and ethics of the practice and functions of management, planning, research and communication. It explores the theoretical and practical applications of public relations in contemporary society. Prerequisite: COMM 101.

**COMM 309 Film Production II (3)**  
The course emphasizes the artistic film movement, the role of the American cinema, and its mark on the world. Explores the old and the new Hollywood and the relationships between aesthetics and expenses. Students will explore the Preproduction, the Production, and the Postproduction phases of filmmaking. Sophomore class standing or permission of Instructor. Prerequisite: COMM 208 or GDES 208. [Cross-listed with GDES 345].

**COMM 310 Broadcast Journalism (3)**  
Introduces students to the principles of broadcast journalism as it occurs in radio and TV. The course includes discussions of technical, ethical, and legal issues affecting broadcast news, as well as lab / studio practice in writing, editing, producing and reporting broadcast stories. Sophomore class standing or permission of Instructor. Prerequisite: COMM 201.

**COMM 312 News Reporting and Editing (3)**  
Explores and practices the skills of a working journalist. Students will build on what is being taught in COMM 201 and apply that knowledge to this class. Emphasis will be on the reporting, writing and the editing of features, hard news stories, broadcast copy, and writing for the Web. There will also be a focus on practical and professional-based skills such as reporting beats and newsroom procedures. Sophomore class standing or permission of Instructor. Prerequisite: COMM 201 or COMM 205.

**COMM 320 Mass Media Law (3)**  
Examines the law as it affects the mass media. Discusses such areas as libel, privacy, public records, criminal pretrial publicity, freedom of information and obscenity. Sophomore class standing or permission of Instructor. Prerequisite: COMM 101.

**COMM 325 Mass Communication and Society (3)**  
Provides students with an overview of the effect of media on culture and society. The course explores how media reflect and mould culture. It examines the role the media play in creating the global village. It also examines how the audience uses and is used by various media outlets and how that use affects the perception of various cultures. Sophomore class standing or permission of Instructor. Prerequisite: COMM 101.

**COMM 328 Media and Democratization (3)**  
Media's role in processes of democratization in Europe, Asia, and the Americas. Current debates and initiatives to make mass media systems more democratic. Sophomore class standing or permission of Instructor. Prerequisites: COMM 101 and COMM 225.

**COMM 332 Writing/Editing Opinion Edit (3)**  
Principles of writing editorials and opinion columns; policies and practices of opinion writing in mass media; reviews; analysis of editorials, Op-Ed and other commentary. Sophomore class standing or permission of Instructor. Prerequisite: COMM 201.

**COMM 333 Writing Speeches and Delivery (3)**  
The preparation and delivery of speeches and presentations, from research and writing to practical delivery. Sophomore class standing or permission of Instructor. Prerequisite: ENGL 108.

- COMM 338 Copywriting for Advertising (3)**  
Explores issues, strategies, theories, and practices in writing and editing advertising messages. Teaches the technical aspects of advertising: writing advertising copy and designing effective layouts. Students use their software design skills. Sophomore class standing or permission of Instructor. Prerequisite: COMM 230.
- COMM 350 Organizational Communication and Leadership (3)**  
Teaches students the role of communication in creating a productive organizational environment in terms of interpersonal and group behavior. Reviews the theory and practice of team building, conflict resolution and problem solving and explores how communication and organizational cultures relate to each other. Sophomore class standing or permission of Instructor. Prerequisite: COMM 101 or MGMT 201. [Cross-listed with MGMT 350].
- COMM 360 Public Relations Writing (3)**  
Introduces the student to the essentials of how to prepare and present written material for use in the practice of public relations. It teaches the student the techniques needed for creating effective written communication at a standard generally expected of persons entering into the practice of public relations. Sophomore class standing or permission of instructor. Prerequisite: COMM 240.
- COMM 369 Short Course (1-3)**  
Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.
- COMM 370 Political Communication (3)**  
Political communication is fundamental to the political sphere. This course will introduce students to established routines in current contemporary political communication and election campaigns. Case studies from the US, UK, and other countries will be examined in institutional and cultural contexts that influence the processes of political communication. Junior class standing. Prerequisites: COMM 101 and COMM 210 and COMM 225.
- COMM 375 Rhetorics of Cultural Dissonance (3)**  
This course examines the ways in which language creates, reflects, and transforms cultural identity and beliefs and, consequently, our understanding of local and global relations of power. Through analysis of the various expressive contexts from which ideas about identity and culture emerge, students will develop a greater understanding of the origins and contemporary manifestations of conflict between and within “East” and “West” and “North” and “South.” Sophomore class standing or permission of Instructor. Prerequisite: ENGL 101. [Cross-listed with ENGL 375].
- COMM 388 Independent Study (1-3)**  
Permission of Instructor. Can be repeated for credit with different topic.
- COMM 389 Special Topics (3)**  
Permission of Instructor. Can be repeated for credit with different topic.
- COMM 402 PR Campaigns (3)**  
Capstone for public relations students. Class functions as a full-service public relations firm. The aim is to have students embark on a semester-long corporate communications project using all the relevant skills gained in other COMM and similar courses. Emphasis is given to advanced public relations writing skills aimed at creating, implementing, and machining positive corporate public image. Junior class standing or permission of Instructor. Prerequisite: COMM 240.
- COMM 405 International Mass Communication (3)**  
Examines world mass media systems: what they are like; how they operate; what impact they have on people; what policies are and could be used by the various countries to develop or regulate them;

and how they are influenced by a country's political, economic, social and cultural make-up. Junior class standing. Prerequisites: COMM 101.

**COMM 410      New Media and Society      (3)**

The rise and diffusion of new media had a profound impact on society. The course explains the complex relationship between new media and social change and looks at how communication theory is impacted by the changing media environment. Junior class standing or permission of Instructor. Prerequisite: COMM 225.

**COMM 420      Editing and Editorial Policies      (3)**

Fundamental principles and practices of editing, copy editing, wire editing, deadline writing, and editorial judgment; editorial policy; introduction to newspaper design and layout. Junior class standing or permission of Instructor. Prerequisite: COMM 320 or COMM 312.

**COMM 422      Writing/Edit Feature Articles      (3)**

Practices advanced writing and editing of feature stories. Instruction will also be given on developing stories through research, interviewing, and writing, followed by marketing and publication of stories. Junior class standing or permission of Instructor. Prerequisite: COMM 312.

**COMM 425      Case Studies in Public Relations      (3)**

Exposes students to major issues in advertising, with a focus on the characteristics of successful advertising campaigns. In addition, students examine international and cross-cultural problems in public relations within and across industry, government, and institutions. Junior class standing or permission of Instructor. Prerequisite: COMM 240.

**COMM 427      Media and Arab Society      (3)**

A survey of the histories, roles, and institutions of media in Arab countries from printing to electronic media, from major publishing firms and publications to satellites and satellite broadcasters, including the Internet and publications in that medium. Prerequisites: COMM 101 and Junior Standing.

**COMM 450      Advertising Research      (3)**

Focuses on research methods in advertising. Introduces students to the concept of media mix-matching product; consumer and media profiles for retail and business-to-business applications, conception, research and planning; and designing of advertising campaigns for print, broadcast and new media. Junior class standing or permission of Instructor. Prerequisite: COMM 230.

**COMM 455      Advertising Media Planning      (3)**

Examines media planning, buying, and sales as performed by advertising agencies, clients, and media. Students learn how to evaluate and select advertising media for various market situations. Examines target audience, media characteristics and data sources. Junior class standing or permission of Instructor. Prerequisite: COMM 230.

**COMM 460      Advertising Campaigns      (3)**

Capstone for Advertising students. Class functions as a full-service advertising agency. Using all the relevant skills gained in other COMM and similar courses, students collaborate on a semester-long project that includes the conception, research, development, and execution of real-life advertising campaigns. Special emphasis is given to advanced copywriting, as well as to layout and production concerns for print, broadcast, and new media. Junior class standing or permission of Instructor. Prerequisite: COMM 230.

**COMM 470      Internship in Communication      (1-3)**

Students gain practical experience in the field. A weekly log accounting for activities required. Three credits are equivalent to 120 hours of internship. Junior class standing and permission of Instructor. This is a Pass/Fail course. Prerequisite: A Minimum Grade Point Average of 2.0.

**COMM 480 Seminar in Communication (3)**  
Junior class standing and permission of Instructor.

## **COMPUTER ENGINEERING (CEG)**

**CPEG 210 Digital Logic Design (4)**  
The nature of digital logic and numbering systems. Boolean algebra, Karnaugh map, decision-making elements, memory elements, latches, flip-flops, design of combinational and sequential circuits, integrated circuits and logic families, shift registers, counters and combinational circuits, adders, subtractors, multiplication and division circuits, and memory types. Exposure to Logic Design automation software. The laboratory component will cover experiments in digital electronics. Prerequisite: CSIS 120.

**CPEG 230 Microprocessor System Design (4)**  
Operation and applications of microprocessors and microcontrollers, including system level organization, analysis of specific processors, and software and hardware interface design. Prerequisites: CPEG 210 and CSIS 220.

**CPEG 369 Short Course (1-3)**  
Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

**CPEG 388 Independent Study (1-4)**  
Permission of Instructor. Can be repeated for credit with different topic.

**CPEG 389 Special Topics in Computer Engineering (3)**  
Permission of Instructor. Can be repeated for credit with different topic.

**CPEG 410 Embedded System Design (3)**  
Embedded processor architecture and programming, I/O and device driver interfaces to embedded processors with networks, video cards, and disk drives. Using operating systems primitives for concurrency, timeouts, scheduling, communication, and synchronization, Real-time resource management techniques, and application-level embedded system design concepts such as a basic signal processing and feedback control. Junior class standing or permission of Instructor. Prerequisites: CPEG 230 and ELEG 270.

**CPEG 450 Network Security (3)**  
Fundamental security principles and real-world applications of Internet and computer security. Topics covered in the course include legal and privacy issues, risk analysis, attack and intrusion detection concepts, system log analysis, intrusion detection and packet filtering techniques, computer security models, computer forensics, and distributed denial-of-service (DDoS) attacks. Junior class standing or permission of Instructor. Prerequisite: CSIS 322.

**CPEG 455 Wireless Networks and Mobile Systems (3)**  
Multidisciplinary, project-oriented design course that considers aspects of wireless and mobile systems. Including wireless networks and link protocols, mobile networking including support for the Internet Protocol suite, mobile middleware, and mobile applications. Junior class standing or permission of Instructor. Prerequisite: CSIS 322.

**CPEG 460 Robotics (3)**  
Project-oriented design course that includes topics on perception, sensors, computer vision, navigation, localization, actuation, manipulation, mobility (e.g., walk, swim, roll, crawl, fly), and intelligence (e.g., control, planning, and mission execution). Junior class standing or permission of Instructor. Prerequisites: CPEG 230 and ELEG 320.

**CPEG 470 Internship in Computer Engineering (1-3)**  
 An Internship experience with the requirement that the student write a report summarizing what the internship job added to his/her knowledge of computer engineering and related fields. Students are limited to a maximum of 6 internship credit hours. Junior class standing and permission of Instructor. This is a Pass/Fail course. Prerequisite: A Minimum Grade Point Average of 2.0.

**CPEG 475 Senior Design Capstone I (3)**  
 A supervised project in groups of normally three students aimed at providing practical experience in some aspect of computer engineering. Students are expected to complete a literature survey, project specification, critical analysis, and to acquire the necessary material needed for their intended end product. Senior class standing.

**CPEG 480 Senior Design Capstone II (3)**  
 A course that seeks to impart in students the skill to integrate the knowledge gained in different courses by asking them to develop a product that has passed through the design, analysis, testing, and evaluation stages. This course includes production of a professional report, design process and outcome, implementation and testing, and critical appraisal of the project. Prerequisite: CPEG 475.

## COMPUTER SCIENCE (CSIS)

**CSIS 101 Computer and Information Systems (3) [T]**  
 An introduction to the use of computers. The hardware and system software of computers are described. Commonly-used software applications (word processing, spread sheets, databases, etc.) as well as communication (e-mail, World Wide Web, etc.) are reviewed and discussed. Students will have extensive hands-on training during supervised laboratory sessions.

**CSIS 110 Information Systems (3) [T]**  
 An overview of information systems. Topics include: computer hardware, operating systems, databases, telecommunications and networks, Internet, information systems software, designing information systems, applications and artificial intelligence.

**CSIS 120 Computer Programming I (4) [T]**  
 This course examines the fundamental programming constructs of an Object Oriented Language, Java: data types, variables, operators, expressions and statements, conditional and iterative control structures, classes, objects and methods.

**CSIS 130 Computer Programming II (4) [T]**  
 This course builds upon the material presented in CSIS120 and introduces more advanced Object-Oriented programming concepts and implementation details. Topics include: inheritance and polymorphism, exception handling, dynamic data structures, File I/O, and graphical user interfaces. Prerequisite: CSIS 120.

**CSIS 150 Professional and Ethical Issues in CSIS (3)**  
 Legal, ethical, privacy, and security issues in Computer usage. Group work, student presentations, discussions, and student essays addressing the above issues. Case studies relating to computer ethics will be discussed. Prerequisite: CSIS 110 or CSIS 120.

**CSIS 210 Data Structures and Algorithms (3)**  
 The study of fundamental data structures, algorithms and their applications. Topics include lists and trees; queues and stacks, sort and search techniques; analysis and design of efficient algorithms; Recursion. Prerequisite: CSIS 130. Co-requisite: MATH 213.

**CSIS 220 Computer Architecture and Assembly Language (3)**

An introduction to digital computer hardware architecture and organization. Topics include digital logic, processor design, instruction sets, and system architecture. Programs written in assembly language will be used to gain hands-on experience with the underlying system architecture. Prerequisite: CSIS 130.

**CSIS 230 Programming in a Second Language (3)**

An introduction to a second computer programming Language. Students learn to read and write programs in a second language. The language chosen is one with wide popularity and use. Prerequisite: CSIS 130.

**CSIS 250 Database Systems (3)**

An introduction to database concepts, database advantages and users, data independence relational data model, object oriented model, database design by analysis and synthesis, relational algebra, data definition and manipulation languages, semantic integrity constraints, semantic query transformation and optimization. Prerequisite: CSIS 130.

**CSIS 255 Web Technologies (3)**

This course focuses on building Web applications and their associated technologies. Client and server languages, professional website development tools, databases on the web, and web servers. Students are expected to complete a project in the development and maintenance of web sites as well as web services. Prerequisite: CSIS 130.

**CSIS 260 System Analysis and Design (3)**

Study of the principles, tools and practices of information systems analysis. Emphasis on learning pragmatic aspects of working as a system analyst and employing the tools of systems analysis and design. Prerequisites: CSIS 210.

**CSIS 300 E-Commerce (3)**

This course focuses on the evolution of electronic commerce where business is conducted between organizations and individuals relying primarily on digital media and transmission. Participants investigate the opportunities and challenges of exchanging goods and services over communications networks as well as the manner in which relationships are being reshaped. New forms of business arrangements are also examined. Course activities are designed to provide both managerial and entrepreneurial assessments of anticipated advances in information technology with respect to business systems and electronic markets. Sophomore class standing or permission of Instructor. Prerequisite: CSIS 250.

**CSIS 310 Introduction to Operating Systems (3)**

Study of supervisory programs. System services and file systems; CPU scheduling; memory management; virtual memory; disk scheduling. Deadlock characterization, prevention, and avoidance; concurrent processes; semaphores; critical sections; synchronization. Distributed systems and communication protocols. Sophomore class standing or permission of Instructor. Prerequisite: CSIS 210.

**CSIS 320 Principles of Programming Languages (3)**

Formal definition of programming languages including specification of syntax and semantics. A survey of programming paradigms (procedural, functional, and logic). History of programming languages, data types supported, control structures and run time management of dynamic structures. Sophomore class standing or permission of Instructor. Prerequisite: CSIS 210.

**CSIS 322 Net Centric Computing (3)**

This course covers the fundamental concepts of computer networks. Topics include: OSI model; LAN/WAN architecture and design; network services and protocols such as TCP/IP, mobile IP;





- DRAM 213 Shakespeare for Beginners (3) [H]**  
A broad survey course of selected scenes and other material from the dramatic works of William Shakespeare.
- DRAM 250 Acting I (3) [H]**  
A continuation of Intro to Acting, with a focus on the Stanislavsky method and Chekhov. Prerequisite: DRAM 150 or permission of Instructor.
- DRAM 251 Acting II (3) [H]**  
Acting Lab focusing on a specific playwright or other dramatic forms such as Comedia del Arte, Greek Chorus, movement, or puppetry. Prerequisite: DRAM 250.
- DRAM 350 Shakespeare in Performance (3) [H]**  
An exploration into Shakespeare's prose and poetry through text and performance. Text analysis and scansion techniques will be discussed as well as sonnet composition. Sophomore class standing and permission of Instructor.
- DRAM 360 Theater Production (3) [H]**  
Faculty directed theater production. Specific dramatic material will vary. Students may participate in acting, stage management, dramaturgy, assistant direction, design (costume/ lighting/ scenic), or as other production staff. Sophomore class standing and permission of Instructor.
- DRAM 369 Short Course (3)**  
Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.
- DRAM 388 Independent Study (1-3)**  
Permission of Instructor. Can be repeated for credit with different topic.
- DRAM 389 Special Topics (3)**  
Permission of Instructor. Can be repeated for credit with different topic.

## **ECONOMICS (ECON)**

- ECON 101 Introduction to Contemporary Economic Issues (3)**  
Intertwining economic theory and real-world issues, the course provides a general education approach to economics. It illustrates how such ideas as opportunity cost, marginality, and aggregate demand and supply can be used to analyze issues in economics today, including: wage and price control, inflation, fiscal policy, international trade, and energy prices. This course does not count towards a B.B.A. Major.
- ECON 200 Principles of Microeconomics (3)**  
An introduction to microeconomics. The course focuses on supply, demand and product markets, production costs and pricing and output under different market structures. Prerequisite: MATH 101 or 103 or 110.
- ECON 201 Principles of Macroeconomics (3)**  
An introduction to macroeconomics. The course focuses on national income and product accounts, consumption, investment, international trade, and output. It also provides students with a theoretical basis in macroeconomics, introduces them to the use of Macro models in a real-world context. Topics covered include the nature of risk and its impact, the use of forecasts, the volatility of foreign exchange markets, and the role of fiscal and monetary policy in stabilizing the economy. Prerequisite: MATH 101 or 103 or 110.

**ECON 300 Intermediate Microeconomics (3)**  
Mathematically-based theory of relative prices of commodities and services under perfect and imperfect competition; theory of the firm; consumer demand. Sophomore class standing or permission of Instructor. Prerequisites: ECON 200 and ECON 201.

**ECON 301 Intermediate Macroeconomics (3)**  
Mathematically-based theory and concepts of national income determination, employment and economic growth. Sophomore class standing or permission of Instructor. Prerequisites: ECON 200 and ECON 201.

**ECON 304 Economics of Labor (3)**  
The application of economic theory to current labor problems, domestic and foreign. Problems include wage theory and wage differentials, training policy, poverty, unemployment and underemployment, migration, discrimination, issues of productivity, industrialization and union policies. Sophomore class standing or Permission of Instructor. Prerequisites: ECON 200 and ECON 201.

**ECON 305 International Economics (3)**  
Theories and concepts of international trade; real flows; terms of trade; industry structure and resource differences; international competitiveness; the effects of international trade on the economies of importing and exporting countries; the effects of tariffs and quotas and other nontariff barriers on international trade. Also includes multinational corporations, trade and development, customs, and unions. Sophomore class standing or permission of Instructor. Prerequisites: ECON 200 and ECON 201.

**ECON 315 Managerial Economics (3)**  
The course focuses on the application of the concepts of economics to managerial issues. It integrates economic principles with modern management techniques and theory for the purpose of efficient managerial decision-making. Topics include optimization techniques, demand estimation and forecasting, production and cost analysis, market structure, and pricing practices. Sophomore class standing or permission of Instructor. Prerequisites: ECON 200 and ECON 201.

**ECON 350 History of Economic Thought (3)**  
Exposition and analysis of the development of economic history. Emphasis on tracing the evolution of economic theories out of specific historical contexts. Major theorists and schools of economic thought, from Adam Smith to the present will be reviewed. Sophomore class standing or permission of Instructor. Prerequisites: ECON 200 and ECON 201.

**ECON 351 Money and Banking (3)**  
Analysis of capital markets and the role of banks, and other financial institutions in the economy. Sophomore class standing or permission of Instructor. Prerequisites: ECON 200 and ECON 201.

**ECON 363 Environmental & Natural Resources Economics (1-3)**  
An introductory course in the environmental and natural resource economics, it is designed to help students explore the important role of economics in the design and implementation of policy and management of natural and environmental resources. Sophomore class standing or permission of Instructor. Prerequisites: ECON 200 and ECON 201.

**ECON 369 Short Course (1-3)**  
Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

- ECON 388 Independent Study (1-3)**  
Independent study by student with the requirement that the student writes a report summarizing the knowledge acquired during the period of study. Permission of Instructor. Prerequisite: ENGL 305.
- ECON 389 Special Topics (3)**  
An analysis of contemporary issues in economic theory. Permission of Instructor. Can be repeated for credit with different topic. Prerequisites: ECON 200 and ECON 201.
- ECON 401 Economic History: Twentieth Century (3)**  
Historical investigation of economic development; comparison of European and Third World development as contrastive case studies. Senior class standing. Prerequisites: ECON 200 and ECON 201 and ENGL 305.
- ECON 405 Comparative Economic Systems (3)**  
A theoretical and historical evaluation of different economic systems, planning strategies and their effects on economic growth, democracy, equity and effectiveness; assessment of the historical experience of the formerly socialist economies; distinctive features of European and Japanese economies and Third World societies. Senior class standing. Prerequisites: ECON 200 and ECON 201 and ENGL 305.
- ECON 409 Economic Development (3)**  
Theories and policies of economic development; role of international institutions; impact of international trade policy, international capital flows, exchange rate policies, inflation, public finance, monetary policy, competitiveness, military expenditures; agriculture, population, and the environment. Senior class standing. Prerequisites: ECON 200 and ECON 201 and ENGL 305.
- ECON 429 Advanced Environmental and Energy Economics (3)**  
The course will examine the principles, policy instruments, and current practice of using economics to analyze various environmental and natural resource problems, especially the economics of energy. It will address the study of environmental protection, resource conservation, evaluation of environmental costs and benefits, and optimal management of energy resources. Senior class standing. Prerequisites: ECON 200 and ECON 201 and ENGL 305.
- ECON 452 Econometrics (3)**  
Review of econometric statistics and statistical techniques; the application of statistical models to economic data; regression analysis and estimation of economic models; the question of violations of the basic assumptions of the regression model, dummy variables and analysis of variance; index numbers and time series analysis. Senior class standing. Prerequisites: ECON 200 and ECON 201 and MATH 201 and STAT 201 and ENGL 305.
- ECON 470 Internship in Economics (1 - 3)**  
An Internship experience with the requirement that the student write a report or summarize what the internship job added to his/her knowledge of economics and related fields. Students are limited to a maximum of 3 internship credit hours for any Major and a total of 6 credit hours overall. Junior class standing and permission of Instructor. This is a Pass/Fail course. Prerequisite: A Minimum Grade Point Average of 2.25.
- ECON 485 Seminar in Economics (3)**  
A seminar for seniors; majors conduct research projects on varying relevant economic issues; presentation of research approaches, subjects and results; a group project and an individual research project may be allowed. Topics and Instructor may vary. Prerequisite: ENGL 305

## EDUCATION (EDUC)

### **EDUC 100      Essentials of Learning      (1) [L]**

The course consists of modules that direct students in a methodical way through a sequence of active learning strategies. Several self-discovery units will lead students through practical activities which are designed to enhance their personal growth and development as active learners. Specifically, the course work is designed to provide students with tools to be successful as life-long learners.

### **EDUC 200      Career Exploration      (1)**

A one-credit hour course offered during the Fall and Spring semesters. This course leads students through the Major and Career Planning Process, and provides them the opportunity to explore themselves and the world of work. Through a variety of methods, students will become aware of their unique interests, skills, values, needs, and personality type. This interactive course will acquaint students with practical and theoretical aspects of the career planning process. Through library research, computer research, and oral presentations, students will demonstrate their ability to make informed choices regarding career selection. This elective course is not intended as a substitute for EDUC 100. Sophomore, Junior, or Senior class standing.

### **EDUC 369      Short Course      (1-3)**

Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

### **EDUC 388      Independent Study      (1-3)**

Permission of Instructor. Can be repeated for credit with different topic.

### **EDUC 389      Special Topics      (3)**

Permission of Instructor. Can be repeated for credit with different topic.

## ELECTRICAL ENGINEERING (ELEG)

### **ELEG 220      Electric Circuit Analysis      (4)**

Introduction to the basic laws and techniques for the analysis of electric circuits. Calculation of the response of circuits with resistors, independent sources, controlled sources, and operational amplifiers. The transient analysis of basic circuits with R, L, and C components. An introduction to AC analysis and phasors. Prerequisite: PHYS 116. Co-requisite: MATH 210.

### **ELEG 270      Electronics I      (4)**

Introduction to the basic electronic devices including diodes and transistors and their operating principles. Analysis of electronic circuits operating under dc bias and switching conditions. Applications of devices in digital electronic circuits. Prerequisite: ELEG 220.

### **ELEG 320      Signals & Systems      (3)**

Signals (functions of one or more independent variables) and Systems (devices that perform operations on signals) present fundamental concepts that arise in a variety of fields. The ideas and techniques associated with these concepts inform such diverse disciplines as biomedical engineering, acoustics, communications, aeronautics and astronautics, circuit design, and the arts, humanities, and social sciences. Topics include transforms ( $Z$ , Laplace, Fourier), frequency analysis, convolution, FIR and IIR systems, stability, generalized functions, modulation (AM and FM), sampling, and digital filtering. Sophomore class standing or permission of Instructor. Prerequisite: CPEG 230.

### **ELEG 369      Short Course      (1-3)**

Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

**ELEG 388 Independent Study (1-3)**

Permission of Instructor. Can be repeated for credit with different topic.

**ELEG 389 Special Topics in Electrical Engineering (3)**

Permission of Instructor. Can be repeated for credit with different topic.

**ELEG 470 Internship in Electrical Engineering (1-3)**

An Internship experience with the requirement that the student write a report summarizing what the internship job added to his/her knowledge of Electrical Engineering and related fields. Students are limited to a maximum of 6 internship credit hours. Junior class standing and Permission of Instructor. This is a Pass/Fail course. Prerequisite: A Minimum Grade Point Average of 2.0.

**ENGLISH (ENGL)****ENGL 099 Fundamentals of Reading and Writing (12)**

This course focuses on developing academic reading and language skills necessary for success in the academic environment. Under the close supervision of the instructor and using the workshop method, students will refine their reading, vocabulary, and sentence skills while producing a portfolio of multi-paragraph writings that demonstrates their ability to summarize, paraphrase, synthesize, analyze, and evaluate information and ideas taken from a variety of sources. Exit exam required. This course meets 20 hours per week. Credit earned cannot be used for graduation. Prerequisite: TOEFL 520 or Accuplacer LOEP Reading  $\leq$  109/WritePlacer Essay  $\leq$  8.

**ENGL 101 Approaches to Critical Reading and Writing (3) [E]**

This course focuses on writing and reading for various academic and public purposes and audiences. Students will develop analytical, critical, and argumentative thinking, reading, and writing abilities, and will be introduced to research practices. Prerequisites: Score of 110 on reading and 9 on the essay of the English Placement Test OR a grade of "C" or better in ENGL 099 OR IENG 030/031.

**ENGL 102 Writing and Information Literacy (3) [E]**

This course introduces students to the academic, intellectual, and public activities of research. Through a focus on research as a process of inquiry generated by particular purposes, audiences, and contexts, students will develop a more complex understanding of multiple research processes and genres. Students will formulate their own critical analysis of and response to a range of academic and public issues. Students will develop and conduct an extended research inquiry. The primary aim of this course is to develop students' critical and information literacy. Prerequisite: ENGL 101.

**ENGL 108 Public Speaking (3) [C]**

This course focuses on the principles of public speaking in large and small group environments with emphasis on audience analysis, research and evidence, reasoning, rhetoric, organization and delivery. Through analyzing professional speeches and their effectiveness, the student practices the more common speech types: informative, persuasive, special occasion and impromptu.

**ENGL 120 Introduction to the Study of the English Language (3)**

An introduction to the study of the structure and function of language and the development of the English language to the present day: phonetics, phonology, morphology, syntax, semantics and pragmatics and changes over historical eras. It also includes the study of language acquisition, language evolution, variation and language education. Prerequisite: ENGL 101.

**ENGL 201 Foundations of Western Literature I (3) [H]**

Traces development of early Western doctrines, concepts and practices of Western civilization. Course covers texts from ancient Greece, Rome and up to the Middle Ages. This course often includes literary works such as Homer's *The Iliad* and *The Odyssey*, Sophocles' *Oedipus the King* and *Antigone*, and Virgil's *The Aeneid*. Prerequisite: ENGL 101.

**ENGL 203      Foundations of Western Literature II      (3) [H]**

This course focuses on Western literatures from Medieval times to mid-Nineteenth Century. Representative texts will be studied in relationship to the social, political, and historical background. This course often includes literary works such as Cervantes' *Don Quixote*, Dante's *Divine Comedy*, and Boccaccio's *The Decameron*. Prerequisite: ENGL 101.

**ENGL 207      Oratory and Rhetoric      (3) [H]**

A study of rhetoric from its European roots in the literatures of the classical world to its many variations over time and culture. Central to the course will be the role of rhetoric and oratory in determining the way in which discourse is constructed to achieve specific ends. Prerequisite: ENGL 101.

**ENGL 211      World Literatures in English I      (3) [H]**

This course will examine the body of literatures written in English, including and going beyond the British and American canons, in order to ground the study of these canons in the context of a world Anglophone literature. This course will begin with the Middle Ages and progress through the late 18th century, including early Anglophone writings from various regions of the world. This course often includes works such as Chaucer's *The Canterbury Tales*, Milton's *Paradise Lost*, and Swift's *Gulliver's Travels*. Prerequisite: ENGL 101.

**ENGL 212      World Literatures in English II      (3) [H]**

This course will examine the body of literatures written in English, including and going beyond the British and American canons, in order to ground the study of these canons in the context of a world Anglophone literature. This course will cover material from the early 19th century to the current day, and include literary works such as Conrad's *Heart of Darkness*, Achebe's *Things Fall Apart*, and Joyce's *The Dubliners*. Prerequisite: ENGL 101.

**ENGL 300      History of the English Language      (3) [H]**

The structure of present day English is radically different from that of Old and Middle English. This course explores the stages through which the English language has evolved to reach its present form. This course will also examine the structure and social meanings of colonial varieties of English. Sophomore class standing or permission of Instructor. Prerequisite: ENGL 101.

**ENGL 301      Literature and Film      (3) [H]**

This course will involve viewing a variety of films and critical responses to those films. Students will demonstrate in their own written and oral responses to film their ability to use effectively the critical language and methodology of professional film criticism in its varied aesthetic, historical and ideological forms. Sophomore class standing or permission of Instructor. Prerequisite: ENGL 101.

**ENGL 303      English Poetry and Prose: 1500-1660      (3) [H]**

Examination of Renaissance poetry and prose, not including Shakespeare; Renaissance literature and its impact on the "modern world." Review and evaluation of the works of Sidney, More, Bacon, Marlowe, Johnson, Donne, and Milton. Also includes selections from the King James Bible for students of literature. Sophomore class standing or permission of Instructor. Prerequisite: ENGL 101.

**ENGL 304      English Poetry and Prose: 1660-1800      (3) [H]**

The English Enlightenment; the Restoration and the Age of Reason figures including Dryden, Swift, Pope and Johnson. The rise of technology and technological culture and the impact of science and scientific methodology on Enlightenment literature. Sophomore class standing or permission of Instructor. Prerequisite: ENGL 101.

- ENGL 305 Professional Writing and Communication (3) [H]**  
 This course explores professional approaches to communication in today's global business environment. It also focuses on principles and practices needed for effective internal and external business communication (memos, letters, reports, proposals and presentations). Students learn to write successful business reports and communications. Also, students evaluate case studies in business and use appropriate style-guides to document sources. Prerequisite: ENGL 102.
- ENGL 307 Shakespeare (3) [H]**  
 An introduction to Shakespeare: intensive study of selected comedies, tragedies, history plays, and Shakespeare's poetry. Works are discussed in their socio-historical context. Sophomore class standing or permission of Instructor. Prerequisite: ENGL 101.
- ENGL 308 Early American Literature (3) [H]**  
 An historical study of American literary forms and intellectual life, writers and their contributions from the 17th Century world of the Puritans to the work of the early Transcendentalists in the 19th Century. Sophomore class standing or permission of Instructor. Prerequisite: ENGL 101.
- ENGL 309 Nineteenth Century British Literature (3) [H]**  
 This course will examine major British literary texts from the Romantic and Victorian eras, including poetry and prose by Wordsworth, Shelley, Byron, Coleridge, Keats, Mary Shelley, Wollstonecraft, Ruskin, Eliot, Austen, Wilde, Tennyson, the Brontës, Dickens, Arnold, Hemans, Browning, Mill, and Carlyle. The course presents the relationship between each author's works and various historical and cultural developments, such as the industrial revolution and colonialism. Sophomore class standing or permission of Instructor. Prerequisite: ENGL 101.
- ENGL 310 Nineteenth Century American Literature (3) [H]**  
 This course will examine major American literary texts written by American writers of the 19th century, including poetry and prose by Emerson, Poe, Dickinson, Thoreau, Stowe, Melville, Chopin, Whitman, Cooper, Douglass, Jacobs, Twain, Hawthorne, and other writers concerned with issues of gender, race, and social justice. The course presents the relationship between each author and his/her works and various historical and cultural developments, such as the Civil War, Abolition and Suffrage. Sophomore class standing or permission of Instructor. Prerequisite: ENGL 101.
- ENGL 311 English Novel (3) [H]**  
 An examination of representative English novels from the beginning up to the 19th Century. Sophomore class standing or permission of Instructor. Prerequisite: ENGL 101.
- ENGL 312 American Novel (3) [H]**  
 An examination of representative American novels from the beginning up to the 19th Century. Sophomore class standing or permission of Instructor. Prerequisite: ENGL 101.
- ENGL 314 Modernism/Postmodernism (3) [H]**  
 This course investigates the trends in the intellectual and aesthetic movements that inform 20th Century Western ideas about art. Rejecting many 19th Century standards, modernist figures such as Woolf, Joyce, Stein, Eliot, Pound, Mallarme, Kafka, Stevens helped radically redefine literature and culture. Students will look at various modernist trends such as emphasis on impressionism and subjectivity, blurring of distinctions between genres, tendency toward fragmented forms, discontinuous narratives, etc., and will trace the continuation and/or rejection of these early 20th Century trends in postmodernism. Sophomore class standing or permission of Instructor. Prerequisite: ENGL 101.
- ENGL 315 Twentieth Century American Literature (3) [H]**  
 Examines the major trends in 20th Century U.S. Literature. Students may study artistic movements such as Naturalism, the Beats, the Harlem Renaissance, Lost Generation, and New Journalism, as

well as literary responses to major historical events, such as the Great Depression, WW I and II, the Vietnam War, and major social movements of the second half of the century. Sophomore class standing or permission of Instructor. Prerequisite: ENGL 101.

**ENGL 319 Women and Literature (3) [H]**

An examination of representations of women and womanhood over time and the way in which those representations are culturally constructed. The course will also offer an introduction to feminist theory and examine the resistant discourses of women writers. Sophomore class standing or permission of Instructor. Prerequisite: ENGL 101.

**ENGL 343 Poetry and Poetics (3) [H]**

This course offers a comprehensive study of poetry and poetics as a genre and introduces the art of poetics. The course will explore various visual, rhythmic, and performance aspects of poetry while covering a wide range of poets, styles, traditions, forms, and subgenres. Prerequisite: ENGL 101.

**ENGL 345 Creative Writing (3) [H]**

The craft and practice of creative writing (short fiction and poetry) involving extensive writing throughout the semester. The course includes regular examination of professional models and the writing generated and revised by students. In addition, students will actively be involved in developing AUK's Arts and Literary Journal. Sophomore class standing or permission of Instructor. Prerequisite: ENGL 101.

**ENGL 349 Literature in Translation (3) [H]**

The course is an aesthetic and cultural evaluation of a specific non-English literature in translation (i.e., Arabic, French, German, Spanish, etc.). Poetry and fiction of non-English authors will be studied. Sophomore class standing or permission of Instructor. Prerequisite: ENGL 101.

**ENGL 355 Contemporary World Literature (3) [H]**

An exploration of the ways contemporary literature responds to the complex reality of our world; modernist and postmodernist fiction from a variety of national literatures; examples from Robbe-Grillet, Lessing, Boll, Mann, Duras, Morrison, Walker, Kundera, Atwood, Munro, Coetzee, Achebe, Eco and Garcia Marquez. Sophomore class standing or permission of Instructor. Prerequisite: ENGL 101.

**ENGL 369 Short Course (1-3)**

Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

**ENGL 375 Rhetorics of Cultural Dissonance (3) [H]**

This course examines the ways in which language creates, reflects, and transforms cultural identity and beliefs and, consequently, our understanding of local and global relations of power. Through analyses of the various expressive contexts from which ideas about identity and culture emerge, students will develop a greater understanding of the origins and contemporary manifestations of conflict between and within "East" and "West" and "North" and "South." Sophomore class standing or permission of Instructor. Prerequisite: ENGL 101. [Cross-listed with COMM 375].

**ENGL 378 English and Globalization (3) [H]**

This course explores social, political, linguistic, and educational issues related to the spread of English in the world. In addition to colonialism, the course examines the role of globalization in the emergence of English as an international language. The course also focuses on the variation in the structure of different varieties of English. Prerequisite: ENGL 101.

- ENGL 388 Independent Study (1-3)**  
Permission of Instructor. Can be repeated for credit with different topic.
- ENGL389 Special Topics (3)**  
Permission of Instructor. Can be repeated for credit with different topic. Prerequisite: ENGL 101.
- ENGL 400 Seminar in British Authors (3)**  
An in-depth study of the work of a significant British writer, or a small group of British writers. It will include the writer's context, approach, and contributions to literature and society. Junior class standing or permission of Instructor. Prerequisite: ENGL 101.
- ENGL 401 Seminar in American Authors (3)**  
An in-depth study of work of a significant American author, or a small group of American writers. It will include the author's context, approach, and contributions to literature and society. Junior class standing or permission of Instructor. Prerequisite: ENGL 101.
- ENGL 402 History of Theater and Drama (3)**  
A comparative study of major works in theater and of theories of drama and performance from Ancient Greece and the Near East to the modern period. Special attention will be given to works representative to distinct periods and schools of theater and drama. Junior class standing or permission of Instructor. Prerequisite: ENGL 101.
- ENGL 403 Modern Drama (3)**  
This course extends the subject matter of ENGL 402 into the 20th Century by focusing both on major dramatists but also tracing the development of national and regional dramas. Special attention will be paid to transformations of classical conventions of character, plot and audience as well as a broadening of subject matter and use of a variety of vernaculars. Junior class standing or permission of Instructor. Prerequisite: ENGL 101.
- ENGL 405 Postcolonial Literature (3)**  
In this course students will read and discuss novels, short stories, poetry, and essays from former British colonies in Asia, Africa, and the Caribbean, as well as from the postcolonial Diasporas. Emphasis will be placed on the common experience of a postcolonial condition across various regions, with one of the primary themes being "Orientalism" or the image of the West in representative texts. Junior class standing or permission of Instructor. Prerequisite: ENGL 101.
- ENGL 406 Ethnic American Literature (3)**  
This course emphasizes the critical study of literature written by diverse ethnic American authors from colonial to contemporary times. It includes works by African-, Arab-, Asian-, European-, Hispanic-, and Native Americans. Junior class standing or permission of Instructor. Prerequisite: ENGL 101.
- ENGL 415 Literary Theory and Criticism (3)**  
An introduction to central issues in Literary Criticism; the concept of literature, the relationship of literature to criticism, and the establishment of literary canons; key schools of criticism, including formalism, structuralism, post- structuralism, deconstruction and reception theory, and post-colonialism and their respective historical contexts; required of Literature Majors. Junior class standing or permission of Instructor. Prerequisite: ENGL 101.
- ENGL 470 Internship in English (1-3)**  
An Internship experience with the requirement that the student write a report summarizing what the internship job added to his/her knowledge of English Language and Literature. Students are limited to a maximum of 6 internship credit hours. Junior class standing and permission of Instructor. This is a Pass/Fail course. Prerequisite: A Minimum Grade Point Average of 2.0.

**ENGL 485 Senior Thesis (3)**  
 English Majors apply their writing abilities, research skills, and knowledge in an independent study project. Students who select this course may have “Honor Thesis” reflected on their transcripts upon successful completion and defense of their thesis. Senior class standing and permission of Instructor.

## ENGINEERING (ENGR)

**ENGR 330 Engineering Economics (3)**  
 Provides knowledge of economic consequences of engineering decision processes, and methods for evaluation of engineering design alternatives in terms of costs and benefits. Topics include time equivalence of money, annual cost method, present worth method, rate of return method, depreciation, benefit/cost, break-even analysis, income taxes, equipment replacement, and risk analysis. Sophomore class standing or permission of Instructor. Prerequisite: ECON 200.

**ENGR 369 Short Course (1-3)**  
 Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

**ENGR 388 Independent Study (1-4)**  
 Permission of Instructor. Can be repeated for credit with different topic.

**ENGR 389 Special Topics (3)**  
 Permission of Instructor. Can be repeated for credit with different topic.

## ENTREPRENEURSHIP STUDIES (ENTR)

**ENTR 201 Principles of Entrepreneurship (3)**  
 The philosophy, motivation and characteristics of entrepreneurship. Social, psychological, economic, and business factors in the success and failure of entrepreneurship; the entrepreneur; identifying and evaluating entrepreneurial opportunities; planning and developing a new business venture; managing the new venture; applications to creation and management of stand-alone ventures and those developed within corporations. Prerequisite: MGMT 201.

**ENTR 301 Intermediate Entrepreneurship (3)**  
 Study of the nature and special conditions related to proprietorships, partnerships and small business enterprises. Sophomore class standing or permission of Instructor. Prerequisite: ENTR 201.

**ENTR 369 Short Course (1-3)**  
 Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

**ENTR 388 Independent Study (1-3)**  
 Permission of Instructor. Can be repeated for credit with different topic. Prerequisite: ENGL 305.

**ENTR 389 Special Topics (3)**  
 Permission of Instructor. Can be repeated for credit with different topic.

**ENTR 470 Internship in Entrepreneurship (1-3)**  
 An Internship experience with the requirement that the student write a report summarizing what the internship job added to his/her knowledge of entrepreneurship and related fields. Students are limited to a maximum of 3 internship credit hours for any Major and 6 credit hours overall. Junior

class standing and permission of Instructor. This is a Pass/Fail course. Prerequisites: ENTR 201 and a Minimum Grade Point Average of 2.25.

## ENVIRONMENTAL STUDIES (ENVS)

### **ENVS 215 Environmental Data Analysis (3) [P]**

This course will introduce students to statistics, data analysis, and probability to be able to evaluate and interpret environmental data. Topics will include: Statistics and data analysis; Frequency tables, bar charts, mean, standard deviation, and skewness; Linear regression; and Probability. Prerequisite: MATH 095.

### **ENVS 220 Energy & the Environment (3) [P]**

Study of key physics principles as related to environmental issues, including: Energy forms; energy recourses and conversions; past and present patterns of energy use; projection of future demand and supplies of energy; role and method of physics in fostering rational evaluations of environmental problems and in searching for potential solutions; resources and technologies of future energy alternatives. Prerequisite: PHYS 101 or PHYS 105.

### **ENVS 230 Environmental Geology (3) [P]**

Fundamental earth science concepts are used to assess the impact of increasing global population and development on earth's natural resources and also examine how natural processes affect human activities. Topics include volcanic eruptions, earthquakes, flooding, tsunamis, soil erosion, landslides, stream flooding, and rock-falls.

### **ENVS 305 Environmental Health (3) [P]**

An overview of environmental issues affecting human health and survival. Students will be introduced to biological and chemical toxins in the general environment, environmental epidemiology, and relevant environmental regulations. Attention will be paid to environmental issues at home, in work settings, the community, and in the global context. Sophomore class standing or permission of Instructor. Prerequisite: BIOL 105.

### **ENVS 310 Environmental Ethics (3) [P]**

This course examines normative issues in the study of the environment. Students will learn basic ethical concepts and theories and how to apply them to specific environmental concerns. Students will be asked to develop arguments to defend their own respective views regarding the environment and to develop viewpoints reflecting thoughtful and scholarly consideration of human duties, both individual and social, to the environment. Sophomore class standing or permission of Instructor. Prerequisite: ENGL 101. [Cross-listed with PHIL 310].

### **ENVS 320 Global Environmental Policy (3) [P]**

A course that seeks to provide a broad overview of the key concepts, actors, and issues related to global environmental policy. This course outlines the evolution of environmental policy in facing global environmental challenges and how such policies have become inherently intertwined with government policy and business practice. Junior or Senior class standing.

### **ENVS 369 Short Course (1-3)**

Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

### **ENVS 388 Independent Study (1-4)**

Permission of Instructor. Can be repeated for credit with different topic.

**ENVS 389 Special Topics (3)**

Permission of Instructor. Can be repeated for credit with different topic.

**FINANCE (FINC)****FINC 207 Personal Finance (3)**

This is a course in personal investing for non-finance majors. This course will not count for credit towards a major in finance. It will cover money markets, mutual funds, and diversification.

**FINC 332 Financial Management (3)**

Financial statement analysis, pro forma financial statements, time value of money, discounted cash flow, stock and bond valuation, net present value. Sophomore class standing or permission of Instructor. Prerequisites: MATH 103 or MATH 110 or MATH 201, and ENGL 102 and ACCT 201.

**FINC 341 Corporate Finance (3)**

Capital asset pricing model, cost of capital, capital structure and dividend policy. Sophomore class standing or permission of Instructor. Prerequisites: ACCT 205 and FINC 332.

**FINC 343 Financial Services Management (3)**

The course will focus on operations in financial services management including applications of competitive strategies and explorations of opportunities in various financial services sectors such as banking, insurance, and personal finance planning. The course will also examine this sector in the context of the Kuwait financial services companies. Sophomore class standing or permission of Instructor. Prerequisites: FINC 332 and FINC 341.

**FINC 345 Investment and Securities Analysis (3)**

This course will focus on the financial theories and empirical evidence useful for investment decisions based on risk and returns. It covers optimal portfolio choice, asset pricing models, fixed-income securities, funds performance measurement, and a brief introduction to behavioral finance which studies how investor psychology may affect their investment decisions and asset prices in the market. Sophomore class standing or permission of Instructor. Prerequisites: FINC 332 and FINC 341.

**FINC 355 Financial Markets and Institutions in Kuwait and the Gulf (3)**

Organization of short-term money markets and long-term capital markets and institutions; investment instruments; investment constraints; resulting portfolios. Sophomore class standing or permission of Instructor. Prerequisite: FINC 341.

**FINC 365 International Finance (1-3)**

Foreign Affairs, global capital markets, and international corporate finance. Sophomore class standing or permission of Instructor. Prerequisite: FINC 341.

**FINC 369 Short Course (1-3)**

Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

**FINC 388 Independent Study (1-3)**

Permission of Instructor. Can be repeated for credit with different topic. Prerequisite: ENGL 305.

**FINC 389 Special Topics (3)**

An analysis of contemporary issues in finance. Permission of Instructor. Can be repeated for credit with different topic.

**FINC 413 Finance Capstone: International Finance, Financial Markets & Institutions (3)**

A capstone course designed for a student's last semester in the University, which may include analyses of cases, more in-depth study of specialized topics, current events in finance, financial analysis, and/or financial institutions. Senior class standing. Prerequisite: FINC 345 and FINC 355 and ENGL 305.

**FINC 445 Portfolio Management (3)**

This course develops modern portfolio theory and applies it to pricing both individual assets and portfolios of assets. Topics include the Markowitz portfolio selection model, the capital asset pricing model, arbitrage pricing theory, options, futures, bonds, portfolio performance measurement, and issues of market efficiency. Senior class standing. Prerequisites: FINC 332 and FINC 341 and FINC 345 and ENGL 305.

**FINC 470 Internship in Finance (1-3)**

An Internship experience with the requirement that the student write a report summarizing what the internship job added to his/her knowledge of finance and related fields. Students are limited to a maximum of 3 internship credit hours for any Major and 6 credit hours overall. Junior class standing and permission of Instructor. This is a Pass/Fail course. Prerequisite: A Minimum Grade Point Average of 2.25.

**FRENCH (FRNC)****FRNC 101 Introduction to French I (3) [H]**

The objective of this course is to provide students with necessary skills and confidence to cope with everyday situations. The focus will be both on oral and written communication. Through extensive use of audio material, the course provides training and practice in all the language skills, with an initial emphasis on listening and speaking. The class is conducted almost entirely in French.

**FRNC 102 Introduction to French II (3) [H]**

This course continues to reinforce communication skills with more emphasis placed on reading and writing texts. It will develop the ability to communicate with accurate pronunciation and intonation. Students will be exposed to French culture with the use of video and other authentic material. Students may not enroll and will not receive credit for a language-learning course taken below the level of the language-learning course into which they were tested. Prerequisite: FRNC 101 or permission of Instructor.

**FRNC 201 Intermediate French (3) [H]**

This course focuses on active communication skills, while working on spontaneous conversations related to daily-life topics. More emphasis is placed on writing and using a variety of formats with increasing control of grammar. Students will perfect their knowledge of French society through reading newspaper articles and literary texts. Students may not enroll and will not receive credit for a language-learning course taken below the level of the language-learning course into which they were tested. Prerequisite: FRNC 102 or permission of Instructor.

**FRNC 333 Language and Civilization (3) [H]**

An advanced language course that improves student's oral, reading, and writing skills through an examination of French society. Themes covered include family, education, arts, gastronomy, politics, and immigration. Class discussions will be based on literary readings, articles from French newspapers internet materials, songs, a selection of French films, and field trips. Sophomore class standing and permission of Instructor.

- FRNC 369 Short Course (1-3)**  
Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.
- FRNC 388 Independent Study (1-3)**  
Permission of Instructor. Can be repeated for credit with different topic.
- FRNC 389 Special Topics (3)**  
Permission of Instructor. Can be repeated for credit with different topic.
- FRNC 399 French Study Abroad (1-3)**  
Intensive French language course designed to increase proficiency in language skills and provide cultural awareness. Schedule varies each semester. Sophomore class standing and permission of Instructor.

## GRAPHIC DESIGN (GDES)

- GDES 102 Creative Visualization (3)**  
This course explores new ways to broaden and deepen students' understanding of and experiences with creative visualization. General principles studied and practiced in this course are the foundation of creative thinking/brainstorming ideas, defining one's message, research/analyze, and selecting best ideas. Students will learn how to unlock and decode ideas, how to explore images and words, ways to edit or enhance ideas, and how to push an idea.
- GDES 110 Digital Foundations (3)**  
This course introduces students to software used in the print and media industry. Students will gain technical knowledge in standard software packages such as: Adobe Photoshop, Illustrator, and Indesign. [Cross-listed with COMM 110].
- GDES 111 Images in Media (3)**  
The power of images in media is examined through milestones including those in photography, film, video, and interactive media. [Cross-listed with COMM 111].
- GDES 115 Color Theory (3)**  
A series of experiences devoted to the development of the perception of color and its use as a tool for the graphic designer. The exercises test the appearance of color relationships in complex structures, dealing with meaning and examining the appropriate use of color in the context of design problems. This is a studio course. [Cross-listed with ART 115].
- GDES 208 Film Production I (3)**  
Introduces students to basics of cinematic storytelling through narrative genres and documentaries. Examines the basics of script-writing, directing, cinematography, and editing. Develops skills in all areas of the craft, and explores both the creative and the technical aspects of production. Includes a short project. Familiarizes students with the nature of filmmaking through lectures and working experiments with traditional narrative filmmaking, documentary, and new media. Prerequisite: COMM 101. [Cross-listed with COMM 208].
- GDES 220 Graphic Design I (3)**  
The course introduces the field of graphic design and visual problem solving. At this level, students get introduced to basic design principles, hierarchy, composition, concept development, typography, poster and logo design, and learning studio procedures. This is a studio course. Prerequisites: ART 101 and ART 121, and GDES 110 or COMM 110.

- GDES 221      Typography I      (3)**  
An introduction to typography as both language and tool, one through which a graphic designer can communicate visual hierarchy, verbal information, form, and meaning. This course explores type design, the study of letterforms, an introduction to the historical and modern development of the alphabet, and the study of grid structures. This is a studio course. Prerequisites: ART 101 and ART 121, and GDES 110 or COMM 110. Co-requisite: ART 115 or GDES 115
- GDES 242      Digital Imaging I      (3)**  
This course is an introduction to digital manipulation and enhancement using Adobe software. Students will learn differences between bitmap and vector based imagery and will gain proficiency in resolution parameters for use in print and screen. Prerequisite: GDES 110 or COMM 110.
- GDES 320      Graphic Design II      (3)**  
This is an intermediate level course. Students will become further familiar with the use of form (the purely visual aspect) in relation to the content (meaning) of design. An emphasis is made on sketchbooks to encourage a consciousness of process and organization that will result in meaningful, compelling, and engaging work. The course will consist of projects, lectures, critiques, and in-studio work sessions. This is a studio course. Prerequisites: GDES 220 and GDES 221.
- GDES 321      Typography II      (3)**  
(Formerly GDES 322). This course further explores sequence of type-oriented assignments and projects; students explore a variety of advanced functional and formal typographic issues. Perceptual, emotional, and stylistic considerations of typographic usage are also covered. This is a studio course. Sophomore, Junior, or Senior class standing. Prerequisite: GDES 221.
- GDES 330      Print Production      (3)**  
This course explores the technology and the techniques used to produce printed publications. Emphases include commercial printing workflow, prepress file preparation, printing processes, and printing papers as well as color theory and color management. Students are encouraged to become proficient practitioners as well as literate critics of print production with an understanding of the historic and social significances of print. Sophomore class standing or permission of Instructor. Prerequisites: GDES 220 and GDES 221.
- GDES 337      Environmental Design      (3)**  
This course will introduce the basics of exhibition design while asking students to think critically about interpretive experiences of art and objects. The main focus of the class will be on the design process for creating meaningful experiences of objects, storytelling, and information in physical spaces. This is a studio course. Junior and Senior class standing. Prerequisite: GDES 320.
- GDES 342      Digital Imaging II      (3)**  
This course is an advanced exploration in digital manipulation of photographic and type enhancements. Inspiration and storyboards are challenged to push the envelope of the traditional parameters expected during image production. Prerequisite: GDES 242.
- GDES 345      Film Production II      (3)**  
The course emphasizes the artistic film movement, the role of the American cinema, and its mark on the world. Explores the old and the new Hollywood and the relationships between aesthetics and expenses. Students will explore the preproduction, the production, and the postproduction phases of filmmaking. Sophomore class standing or permission of Instructor. Prerequisite: COMM 208 or GDES 208. [Cross-listed with COMM 309].

**GDES 351      Web Design      (3)**  
Using various software packages, the student will create fully functional sites with interactive multimedia content. This course explores web-based tools and techniques for designing interactive digital media for web design. Prerequisites: GDES 220 and GDES 221.

**GDES 369      Short Course      (1-3)**  
Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

**GDES 388      Independent Study      (1-3)**  
Permission of Instructor. Can be repeated for credit with different topic.

**GDES 389      Special Topics      (3)**  
Permission of Instructor. Can be repeated for credit with different topic.

**GDES 420      Graphic Design III      (3)**  
This advanced course further investigates system design, research analysis, and the development of a brand. Students will work in a collaborative environment, in an intense investigation of visual communication, critique session, group discussions, presentations, and field trips. This is a studio course. Senior class standing. Prerequisite: GDES 320.

**GDES 421      Typography III      (3)**  
This advanced course further investigates typographic form, history, hierarchy, context, and sequence of information using image and type relationships. Lectures, critiques, and individual in-class explorations are used to further these ideas. This is a studio course. Senior class standing. Prerequisite: GDES 321.

**GDES 452      3D Modeling and Animation      (3)**  
This course will introduce principles and techniques used for creating three-dimensional content in virtual space. Students will learn principles of model creation, texture manipulation, scene rendering and animation to enable them to conceptualize and produce meaningful and artistic visualizations. The class will also explore the implications of the work produced as students engage in mutual critique. Junior Standing.

**GDES 453      Motion Graphics      (3)**  
In this advanced course, students experiment their learning outcomes on form and content through manipulation of movement, time, sequence, and sounds. Students will learn and create visual effects, wide ranges of application in broadcast, film, and video-based communication. This is a studio course. Junior class standing. Prerequisites: GDES 245 and GDES 321 and GDES 342.

**GDES 470      Internship in Graphic Design      (1-3)**  
An Internship experience with the requirement that the student write a report summarizing what the internship job added to his/her knowledge of Graphic Design. Students are limited to a maximum of 6 internship credit hours. Junior class standing and permission of Instructor. This is a Pass/Fail course. Prerequisite: A Minimum Grade point Average of 2.0.

**GDES 490      Senior Portfolio      (3)**  
This course focuses on the research, design, and production of a complex design project implemented through diverse applications. The course addresses professional, organizational, and presentation skills as well as legal and ethical issues associated with design practice. It also offers students an opportunity to create a portfolio, which accurately and effectively defines their conceptual and practical skills in design. Senior class standing. Prerequisite: GDES 420.

## HEALTH AND FITNESS (HFIT)

- HFIT 101 Introduction to Health and Wellness (1) [F]**  
 An introduction to the physiological, social, and psychological factors in life-long health and fitness; self-responsibility for total wellness. Introduction to wellness concerns such issues as disease prevention, stress management and behavioral and mental health.
- HFIT 103 Nutrition and Health (3) [F]**  
 An analysis of the role and value of nutrition in maintaining health, mental health, and physical fitness; diet and nutrition; special needs of overweight and underweight individuals; food mythologies.
- HFIT 110 Physical Activity (1) [F]**  
 This course offers students an opportunity to participate in physical activities/sports such as aerobics, yoga, basketball, soccer, volleyball or other physical activities.
- HFIT 369 Short Course (1-3)**  
 Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.
- HFIT 388 Independent Study (1-3)**  
 Permission of Instructor. Can be repeated for credit with different topic.
- HFIT 389 Special Topics (3)**  
 Permission of Instructor. Can be repeated for credit with different topic.

## HISTORY (HIST)

- HIST 105 World History since 1900 (3) [S]**  
 May include but not limited to the following: interpretations for understanding the modern world; late 19th Century political and economic history, the history of warfare and revolution, the history of women, global society during the Cold War, de-colonization and history “from below,” and the oral history of the recent past.
- HIST 110 Twentieth Century Middle East (3) [S]**  
 The course concentrates on ideologies and practices of colonial control, on local resistance and collaboration as defined by the emergence of new social classes and political movements, and on the definition of state and nation-building in the post-colonial era. Topics include the 1950s, the Arab-Israeli conflict, the Iranian Revolution, and the Gulf Wars.
- HIST 201 History and Politics of Kuwait (3) [S]**  
 (Formerly History 101). An introduction to the contemporary political, economic, and social history of Kuwait.
- HIST 221 Survey of Gulf History (3) [S]**  
 A historical understanding of the Arab Gulf, it examines key issues in the politics and society of the region before the discovery of oil and focuses on different processes of state formation. It is designed to highlight the multi-faceted nature of Gulf politics, and to provide a continuity/change of perspective on themes of regional unity versus political fragmentation.

- HIST 289**      **Topics in World History**      **(3) [S]**  
The rise and development of the modern world from various 18th and 19th Century perspectives, including that of the French Revolution in the West, independence in the Americas, colonialism in Africa and India, the decay of the Ottoman Empire in the Near East, and the Opium War in China. Can be repeated for credit with different topic. Prerequisite: HIST 105.
- HIST 303**      **Ancient History**      **(3) [S]**  
Comparative examination of the rise and fall, social, political, and cultural influence of Greek and Hellenistic, Indian, Classical Roman, Han, and pre-Columbian American civilizations. Sophomore class standing or permission of Instructor. Prerequisite: ENGL 101.
- HIST 305**      **History of the Islamic World: 622-1800**      **(3) [S]**  
Survey of Islamic history from the time of the Prophet Mohammad to 1800. Includes political, social and intellectual history. An introduction to the fundamental doctrines of Islam; Islamic institutions; classical and medieval Arab-Islamic history; major themes and disciplines that have informed the writing of Arab-Islamic history and their relation to Islamic law, theology, politics, ethics and science; selections from important and influential historians and historiographers. Sophomore class standing or permission of Instructor.
- HIST 307**      **Arab History in the Late Ottoman Period: 1800-1922**      **(3) [S]**  
History of the Arab World in the late Ottoman period until the Great Arab Revolt. Includes European intervention in Arab domains of the Ottoman Empire. Major doctrines and ideologies of modern Islamic and Arab thought are outlined; intellectual history of Arab-Islamic writers; writings on history, Islam, Arabism and Arab nationalism of well-known historians and intellectuals that have contributed and shaped modern Islamic and Arab thought are required reading. Transformation of Arab societies as a result of integration into European capitalism. Sophomore class standing or permission of Instructor. Prerequisite: HIST 305.
- HIST 311**      **Ottoman History**      **(3) [S]**  
Survey of Ottoman History with emphasis on the 19th and early 20th Centuries. European imperialism and Ottoman responses to European encroachment and intervention; Ottoman Reforms; Ottoman and Turkish nationalism. Sophomore class standing or permission of Instructor. Prerequisite: HIST 201.
- HIST 317**      **Topics in English/British History**      **(3) [S]**  
Exploration of the history of England and Britain: parliament, common law, the civil war, the question of kingship, the conflict of church and state; the Industrial Revolution, the growth of the British Empire (excluding India and the Middle East); 20th Century conflicts; constitutional monarchy; globalization; and the creation of the United Kingdom. Can be repeated for credit with different topic. Sophomore class standing or permission of Instructor.
- HIST 333**      **Modern History of Kuwait and the Gulf**      **(3) [S]**  
The development of Kuwait, including independence and contemporary political, economic, and social history. Sophomore class standing or permission of Instructor.
- HIST 369**      **Short Course**      **(1-3)**  
Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.
- HIST 388**      **Independent Study**      **(1-3)**  
A research and writing project to be determined in consultation with the Instructor. Permission of Instructor. Can be repeated for credit with different topic.

**HIST 389 Special Topics (3)**  
Sophomore, Junior, and Senior class standing. Can be repeated for credit with different topic.

**HIST 401 Economic History: Twentieth Century (3)**  
Historical investigation of economic development. Comparison of European and the Third World development. Junior class standing or permission of Instructor. Prerequisite: HIST 105.

**HIST 421 Intellectual History (3)**  
Survey of Western and non-Western intellectual History in the context of social, economic and political change; major intellectual movements in the modern times. Junior class standing or permission of Instructor. Prerequisite: HIST 105.

## **INTERNATIONAL STUDIES (INST)**

**INST 101 Introduction to International Studies (3) [S]**  
The role of the sovereign state in a complex and interdependent state system; introduction to global political economy; labor migrations; internationalization of communication; international environmental issues; monetary, financial and energy issues; patterns of conflict and cooperation; international and regional state organizations; and non-state political and social movements.

**INST 204 Survey of European Political History (3) [S]**  
Examination of the major political, economic, and social themes of Western civilization. Topics include the rise of civilization in the Near East, ancient Greece and Rome, the rise of Christianity, the impact of the Germanic invasions, the rise of Islam, Europe in the High Middle Ages, the Renaissance/Reformation, the birth of diplomacy, the wars of religion, the rise of independent states and overseas expansion.

**INST 205 Modern Europe (3) [S]**  
The political, economic, and social development of Europe from the Peace of Westphalia to the 20th Century. Topics include the rise of absolutism, the Enlightenment and democratic revolutions, industrialization, the emergence of liberalism, capitalism, socialism, the two world wars, and the Cold War.

**INST 210 Methods of Research in International Studies (3) [S]**  
Introduction to scientific method, data gathering, research design, statistical analysis, and computer applications for international relations and comparative studies research. Develops analytical skills that students need as active consumers of research findings. [Cross listed with PLSC 210]. Prerequisite: INST 101 or PLSC 202.

**INST 309 Dynamics of Globalization (3) [S]**  
Causes and consequences of contemporary global transformations. Is globalization today unique, or part of a recurring pattern in world politics? Analysis of the opportunities and vulnerabilities created by globalization, and of the politics of anti-globalization movements. Sophomore class standing or permission of Instructor. Prerequisite: INST 101.

**INST 310 Twentieth Century Arab Middle East (3) [S]**  
Contemporary Arab history and politics including European colonialism, struggles for independence, Zionism and the colonization of Palestine, Arab nationalism, Arab socialism, the rise of oil revenues, the rise of political Islam, and current conflicts in the region. Sophomore class standing or permission of Instructor.



socialist societies, European countries, and nation-states in the Middle East. Junior class standing or permission of Instructor. Prerequisite: PLSC 200.

**INST 412 Sustainable Development (3)**

The problem of sustainable development. A survey of development models and practices; assessment of development practices in the Third World in the last three decades; new theories for sustainability of social, economic, and political development. Junior class standing or permission of Instructor. Prerequisites: INST 101 and ECON 409.

**INST 470 Internship in International Studies (1-3)**

An Internship experience with the requirement that the student write a report summarizing what the internship job added to his/her knowledge of International Studies. Students are limited to a maximum of 6 internship credit hours. Junior class standing and permission of Instructor. This is a Pass/Fail course. Prerequisite: A Minimum Grade Point Average of 2.0.

**INST 484 Islamic Militant Movements (3)**

This course examines Islamic resurgence in modern society with special emphasis on theories of crisis conditions, Islamic ideology and practice, trans-national and global Islamists networks. In its militant and terrorist forms, current Islamic movements and societies, particularly those in the Arab world will be used as case studies. Senior class standing or permission of Instructor.

**INST 485 Seminar in International Studies (3)**

A Senior seminar that examines selected critical issues in the field of International Studies. Junior and Senior class standing. Only Declared Majors in the International Studies program. Prerequisite: INST 101 or PLSC 202.

## **MATHEMATICS (MATH)**

**MATH 095 Preparatory Mathematics**

This course is given at the elementary level. It is designed to strengthen a student's existing skills in elementary Algebra and Geometry and to prepare students to study College Algebra, Finite Mathematics, Introduction to Modern Mathematics, Mathematics for Business, and Statistics. This course is offered five days a week. The passing grade for this course is a "C." Prerequisite: Placement Test.

**MATH 100 College Algebra (3)**

Intermediate Algebra, review of polynomials and rational expressions, equations and inequalities, graphs, functions and their properties, polynomial (piecewise defined), and exponential and logarithmic functions. Prerequisite: MATH 095 or by Placement Test.

**MATH 101 Finite Mathematics (3) [M]**

Review of Algebra, sets, linear equations and nonlinear equations and inequalities, interest, systems of linear equations, functions, graphs and elementary data analysis. Prerequisite: MATH 095 or by Placement Test.

**MATH 102 Introduction to Modern Mathematics (3) [M]**

A brief survey of several branches of mathematics that have arisen during the past 150 years. Topics are examined so their influence on modern life can be appreciated. They include the mathematics of voting, sharing and apportionment, graph theory, networks and fractal geometry. Prerequisite: MATH 095 or by Placement Test.

**MATH 103 Mathematics for Business (3) [M]**

Sets, relations, functions, maxima and minima, sequences, power series; analytical geometry; conics;

exponential, logarithmic, and inverse functions; rate of change, the derivative and applications, Taylor approximation, matrix Algebra, and applications. Prerequisite: MATH 095 or by Placement Test.

**MATH 110      Pre-Calculus      (3) [M]**

Polynomial, rational, exponential, logarithmic, and trigonometric functions and inverses, sequences, series, systems of linear and nonlinear equations and inequalities, complex numbers, vectors, binomial theorem, mathematical induction, conics, and the use of technology for problem solving. Prerequisite: MATH 100 or by Placement Test.

**MATH 201      Calculus I      (3) [M]**

Functions, limits and continuity, derivatives and applications, Riemann Sums, integration, transcendental functions, and introduction to the use of the computer algebra system Mathematica. Prerequisite: MATH 110 or by Placement Test.

**MATH 203      Calculus II      (3) [M]**

Fundamental integration techniques, numerical integration, applications of integration, improper integrals, differential equations, infinite series, Taylor series, polar and parametric equations, cylindrical and spherical coordinates, and the use of computer package Mathematica. Prerequisite: MATH 201.

**MATH 205      Linear Algebra      (3) [M]**

This is a first course in linear algebra. It is important to Calculus (MATH 206), engineering, and computer science. Topics include systems of linear equations, matrices, Gauss-Jordan elimination, determinants, vectors in two, three, and “n” dimensions, vector spaces, eigenvectors and eigenvalues, linear transformations, inner product spaces, complex vector spaces, and applications to various fields. Prerequisite: MATH 203.

**MATH 206      Calculus III      (3) [M]**

Extends the methods of Calculus 201 and 203 to the representation and study of functions of several variables. Topics include Fourier series, parametric equations, polar coordinates, surfaces in space, quadric surfaces, functions of several variables, limits, continuity, partial derivatives, the chain rules, gradients, directional derivatives, total derivatives, Lagrange multipliers, double integrals, Fubini’s Theorem, triple integrals, cylindrical and spherical coordinates, vector fields, line integrals, Green’s Theorem, curl, divergence, and surface integrals. Prerequisites: MATH 203 and MATH 205.

**MATH 210      Differential Equations      (3) [M]**

Differential equations of first order, applications, singular solutions, linear equations with constant coefficients, miscellaneous methods for equations of higher order, solution in series, total differential equations, qualitative methods, and the use of the computer package Mathematica. Prerequisite: MATH 203.

**MATH 213      Discrete Mathematics      (3) [M]**

Logic of compound and quantified statements, elementary number theory, methods of proof, sequences, mathematical induction, set theory, functions, relations, graphs, and trees. Prerequisite: MATH 110.

**MATH 325      Numerical Computing      (3)**

Introduction to numerical algorithms, root finding, approximation of functions, collocation, numerical integration and differentiation. Sophomore class standing or permission of Instructor. Prerequisites: MATH 203 and CSIS 120.

**MATH 359      Principles of Operations Research      (3)**

Linear programming; integer programming, mathematical models, decision trees, network flow

problems, graph algorithms, decision analysis, route planning, applications. Sophomore class standing or permission of Instructor. Prerequisite: MATH 203.

**MATH 369 Short Course (1-3)**  
Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

**MATH 388 Independent Study (1-3)**  
Permission of Instructor. Can be repeated for credit with different topic.

**MATH 389 Special Topics (3)**  
Permission of Instructor. Can be repeated for credit with different topic.

## **MANAGEMENT (MGMT)**

**MGMT 201 Principles of Management (3)**  
Surveys of current management theories, research, and practice. Course content is a synthesis of behavioral sciences concepts that provide the basic framework for the practice of management. Topics include organizational goals and responsibilities, organizational control, decision making theory, planning, leadership, motivation, small group behavior, conflict and organizational development and change. Prerequisites: ENGL 102 and MATH 103 or MATH 110.

**MGMT 205 Human Resources Administration and Development (3)**  
This course examines theories and practices of human resources management in local, regional, and global contexts. The course focuses on key aspects of human resources, planning, and their implications on public policy. It also studies major models that shape human resources development. [Cross-listed with PLSC 205].

**MGMT 210 Research Methods for Business (3)**  
This course explains and describes the different aspects and stages of conducting business research. It presents the various analytical frameworks and methodological tools used for this purpose with emphasis on empirical approach, data collection, and analysis. Prerequisite: STAT 201.

**MGMT 301 Leading and Managing Organizational Change (3)**  
An analysis of the key components necessary to effect organizational change including establishing vision, creating and motivating the team, creating a process and strategy to guide change, empowering others to take action, celebrating short-term and long-term accomplishments, and institutionalizing outcomes into standard operating procedures through effective knowledge management. Sophomore class standing or permission of Instructor. Prerequisite: MGMT 201.

**MGMT 303 Management and Leadership Development (3)**  
Develops the management leadership and organization perspectives essential to the success of small to large businesses and individual managers. Development of management and organization leadership, creativity and innovation are stressed. Enhancing the manager's communication and negotiation skills is a critical dimension to developing effective managers. Developing an understanding of management philosophy and values and their practical impacts on managing a business is stressed. Sophomore class standing or permission of Instructor. Prerequisite: MGMT 201.

**MGMT 315 Decision Making in Management (3)**  
The study of individual and group decision making in the organization. The process of arriving at a judgment based upon the feedback of multiple individuals and teams. Includes the use of decision making models and matrixes. Sophomore class standing or permission of Instructor. Prerequisite: MGMT 201.

**MGMT 321 International Business Management (3)**  
Analysis of the structure and scope of international trade and investment including currency exchange markets and documentary credits. Sophomore class standing or permission of Instructor. Prerequisite: MGMT 201.

**MGMT 333 Organizational Behavior (3)**  
This course studies human capital management. The course offers a synthesis of behavioral science theories providing a broad framework for understanding the motivation, planning, and control of business' most important assets. Sophomore class standing or permission of Instructor. Prerequisite: MGMT 201. [Cross-listed with PLSC 333].

**MGMT 343 Quantitative Research Methods for Business (3)**  
Introduction to the scientific method, research design, data gathering, statistical analysis of data; computer applications for business issues; student develops the skills for becoming an active and informed consumer of research methodology and findings. Sophomore class standing or permission of Instructor. Prerequisites: MATH 103 or MATH 110, and STAT 201.

**MGMT 345 Business Operations (3)**  
Concepts and analytic tools for successful management of production of goods and services: from input of resources to finished goods and services; managing the production process, order fulfillment, inventory, and delivery. Sophomore class standing or permission of Instructor. Prerequisites: ECON 200 and ECON 201 and MGMT 201.

**MGMT 350 Organizational Communication and Leadership (3)**  
Teaches students the role of communication in creating a productive organizational environment in terms of interpersonal and group behavior. Reviews the theory and practice of team building, conflict resolution and problem solving and explores how communication and organizational cultures relate to each other. Sophomore class standing or permission of Instructor. Prerequisite: COMM 325 or MGMT 201 [Cross-listed with COMM 350].

**MGMT 369 Short Course (1-3)**  
Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

**MGMT 388 Independent Study (1-3)**  
Permission of Instructor. Can be repeated for credit with different topic. Prerequisite: ENGL 305.

**MGMT 389 Special Topics (3)**  
Permission of Instructor. Can be repeated for credit with different topic.

**MGMT 413 Management Strategy and International Affairs (3)**  
This course focuses on the process of applying management concepts and techniques in a multinational, multicultural environment. Along with information technology, international management is the major strategic challenge facing organizations entering the new millennium. Senior class standing. Prerequisites: ECON 200 and ECON 201 and MGMT 201 and ENGL 305.

**MGMT 470 Internship in Management (1-3)**  
An Internship experience with the requirement that student keep a journal and write a report summarizing what the internship job added to his/her knowledge of management and related fields. Students are limited to a maximum of 3 internship credit hours for any Major and 6 credit hours overall. Junior class standing and permission of Instructor. This is a Pass/Fail course. Prerequisite: A Minimum Grade Point Average of 2.25.

## MARKETING (MRKT)

- MRKT 200 Principles of Marketing (3)**  
Introduction to marketing decision making in business and nonprofit organizations. Particular attention is devoted to analysis of customer needs; segmenting markets; and developing product, promotion, pricing and distribution strategies. Relationships between consumers, business and government are explored. Prerequisite: ECON 101 or ECON 200 or ECON 201.
- MRKT 309 Principles of E-Commerce (3)**  
Internet marketing; decision making regarding promotion, pricing and distribution strategies via the Internet; product development and e-marketing; electronic markets; Internet purchasing behavior; Internet and e-mail advertising; Web sponsorships; Internet marketing ethics. Case studies of U.S. and Kuwaiti companies that have active Internet presence. Sophomore class standing or permission of Instructor. Prerequisite: MRKT 200.
- MRKT 329 International Marketing (3)**  
Examines theories, practices, and contemporary issues related to global marketing management and the international marketing environment. The course discusses strategic decisions related to international product and policies and examines ethical issues, global marketing organizations, and multi-national economic integration. Applications of global marketing strategies will be discussed through case analysis. Sophomore class standing or permission of Instructor. Prerequisite: MRKT 200.
- MRKT 349 Consumer Behavior (3)**  
The course examines the patterns and factors influencing the consumer and organizational behavior. The course material also includes concepts and findings from behavioral sciences. Analysis includes an integrated model of consumer behavior and the elements that influence decision-making process. Consumer behavior in global markets is also emphasized. Sophomore class standing or permission of Instructor. Prerequisite: MRKT 200.
- MRKT 355 Promotion and Advertising (3)**  
Development of a promotional and advertising campaign for clients; formulation of advertising strategy, targeted audiences and consumer; multimedia campaign planning, campaign execution, and campaign evaluation. Sophomore class standing or permission of Instructor. Prerequisite: MRKT 200.
- MRKT 369 Short Course (1-3)**  
Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.
- MRKT 388 Independent Study (1-3)**  
Permission of Instructor. Can be repeated for credit with different topic. Prerequisite: ENGL 305.
- MRKT 389 Special Topics (3)**  
Permission of Instructor. Can be repeated for credit with different topic.
- MRKT 401 Marketing Research (3)**  
Applies the scientific investigation in solving marketing problems. Topics include problem/opportunity formulation, determination of objectives, creation of research design, selection of data collection method, data analysis, interpretation of results, report production, and follow-up activities. There is a focus on strategic implications of marketing research and real-life applications through case analysis. Senior class standing. Prerequisites: STAT 201 and MRKT 200 and ENGL 305.

**MRKT 413      Marketing Capstone: Marketing Strategy      (3)**  
Methodology of planning and development strategy for marketing consumer products and services; launching a new product or service; interfacing with sales forecasting, test marketing, marketing research, segmentation, positioning, analysis of the competition, research and development and profit. Case studies used. Capstone Course. Senior class standing. Prerequisites: MRKT 200 and ENGL 305.

**MRKT 415      Supply Chain Management      (3)**  
Analyzes the various factors involved in designing and managing channels of distribution. The role of various channel members and their behavior, conflicts, cooperation, and motivation will be examined along with marketing logistics such as the impact of distribution policies on costs and customer service. Models and quantitative methods are utilized. Senior class standing. Prerequisites: MRKT 200 and ENGL 305.

**MRKT 470      Internship in Marketing      (1-3)**  
An Internship experience with the requirement that the student write a report summarizing what the internship job added to his/her knowledge of marketing and related fields. Students are limited to a maximum of 3 internship credit hours for any Major and 6 credit hours overall. Junior class standing and permission of Instructor. This is a Pass/Fail course. Prerequisite: Minimum Grade Point Average of 2.25.

## **MUSIC (MUSC)**

**MUSC 101      Music Appreciation      (3) [H]**  
Chronological study of music styles of the Western world, including an introduction to music elements and a review of the lives and works of famous composers.

**MUSC 105      Introduction to World Music      (3) [H]**  
An introduction to various music cultures through musical, social, and aesthetic approaches. The cultures featured can vary from semester to semester.

**MUSC 110      Applied Lessons      (1 - 2) [H]**  
Private instrument instruction. Attendance is mandatory. Students are required to be evaluated by a jury panel of faculty each semester. Students cannot take more than one section of MUSC 110 per semester. Extra fee per semester. Permission of instructor. May be repeated for credit if previous grade was a "C" or higher.

**MUSC 160      Ensemble      (3) [H]**  
Students sing and/or perform musical instruments in a group setting. Permission of Instructor. Can be repeated for credit.

**MUSC 215      Guitar Class      (3) [H]**  
Development of basic guitar skills, including sight-reading and accompanying.

**MUSC 216      Piano Class      (3) [H]**  
A complete orientation to the keyboard for beginning pianists. Students are introduced to proper performance technique, etudes and scales, grand staff reading, sight-reading, harmonization, solos and duets, and key signatures.

**MUSC 220      Music Theory      (3) [H]**  
Skill development in the foundations of music. Students learn to read and write music notation, sing from musical scores, and analyze chords, melody, rhythm, and musical form.

**MUSC 369      Short Course      (1-3)**  
 Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

**MUSC 370      Music of the Arabian Peninsula      (3) [K], [H]**  
 Examination of music and poetic genres of Kuwait and regions of the Arabian Peninsula including structural analysis and study of the context in which creative forms exist. This course satisfies the General Education Requirement for Arab Culture. Junior class standing and permission of Instructor. [Cross-listed with SBSA 370].

**MUSC 388      Independent Study      (1-3)**  
 Permission of Instructor. Can be repeated for credit with different topic.

**MUSC 389      Special Topics      (3)**  
 Permission of Instructor. Can be repeated for credit with different topic.

**MUSC 399      Music and Culture Study Abroad      (1-3)**  
 Introduces students to the dynamics of traditional cultures through ethno musicological research and observance of live music, dance, and dramatic performances. The close interaction with other cultures enables students to better appreciate societies and sensibilities that may be different from their own. Schedule can vary each semester. Junior class standing and permission of Instructor. Can be repeated for credit with different topic.

## NATURAL SCIENCES (NSCI)

**NSCI 100      Introduction to Natural Sciences      (3) [P]**  
 This course provides lectures relating to concepts presented in first year courses in Natural Sciences. It is intended for students needing to fulfill the general education requirements in General Sciences. Permission of Instructor.

**NSCI 100L      Introduction to Natural Sciences, Lab      (1) [P]**  
 This laboratory course provides experiments and exercises relating to concepts presented in first year courses in Natural Sciences. It is intended for students needing to fulfill the general education requirements in General Sciences. Permission of Instructor.

**NSCI 369      Short Course      (1-3)**  
 Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

**NSCI 388      Independent Study      (1-4)**  
 Permission of Instructor. Can be repeated for credit with different topic.

**NSCI 389      Special Topics      (3)**  
 Permission of Instructor. Can be repeated for credit with different topic.

## PHILOSOPHY (PHIL)

**PHIL 100      Critical Reasoning      (3) [H]**  
 This is an introductory course designed to improve students' ability to think and reason critically about everyday judgments. This course combines the science of logic with the art of rhetoric. Students will learn the basic skills of reasoning well and how to prepare and present well-written arguments. Course content will focus on informal fallacies, deductive inferences, as well as analyzing argumentative essays.

**PHIL 101 Introduction to Philosophy (3) [H]**

An introduction to basic doctrines and concepts in philosophy through an analytical reading of selections from the writings of Western philosophers who have had a major impact on the development of philosophical discourse. The course also addresses the relationship of philosophy to the development of other disciplines, such as theology, history, politics, social science, science, and literature. Some of the perennial issues in philosophy are identified and discussed.

**PHIL 201 Medieval Arabic Philosophy (3) [H]**

Survey of the works of major philosophers in Islam, such as Al-Ghazali, Ibn Rushd, the Sufis, and others. Course will include analysis of their religious and philosophical doctrines.

**PHIL 203 Professional Ethics (3) [H]**

This course examines ethical debates facing individuals in the professional work-place. This course will examine the ethical nature of various professional relationships, including between employer and employee, client and business, colleagues and issues of transparency. Questions surrounding the duties of report writing, ethical obligations regarding report writing, environmental duties, etc. are also discussed. The objective of the course is to provide students with a critical understanding of the ethical issues in their professional lives.

**PHIL 220 Philosophy of Education (3) [H]**

This course examines the purpose and method of education. Topics include the nature and meaning of knowledge, purpose of education and the role of various teaching methods in producing knowledge. Students will evaluate historical and contemporary educational theories, as well as formulate and defend their own theories of education. Students will also debate contemporary issues such as the role of technology in the classroom, gender segregation and multicultural education. Figures covered include Plato, Aristotle, Rousseau, Wollstonecraft, Marx, Dewey, Greene and Neill. Prerequisite: EDUC 100. Co-requisite: ENGL 101.

**PHIL 240 Philosophy of Women (3) [H]**

This course will provide you with a framework for a variety of feminist theories. Our goal is to offer students a broadly based understanding of contemporary feminist theory and a specialized focus on selected issues that inform current theoretical debates in women's studies, feminist political movements, and the politics of everyday life. This course will not only expand student comprehension of different feminist theories, but it will also improve general theoretical skills: how to read theory, how to use theoretical language, how to write analytically and critically about social and personal issues. Discussed theories will include Wollstonecraft, various suffrage movements, Mill, de Beauvoir, postmodernism, liberal feminism and social feminism, among others. Co-requisite: ENGL 101.

**PHIL 280 International Ethics (3) [H]**

This course raises ethical questions in a global or international context. Questions of cross-cultural, conflicting values are of particular concern in this course. Specific topics may include: the theoretical bases for human rights, ethical questions of social or political identity, individual versus the state, immigration and refugee issues as well as ethical issues surrounding the environment and globalization. The objective of this course is to improve student's critical awareness and reasoning about ethical issues in a global context. Prerequisite: ENGL 101.

**PHIL 310 Environmental Ethics (3) [H]**

This course examines normative issues in the study of the environment. Students will learn basic ethical concepts and theories and how to apply them to specific environmental concerns. Students will be asked to develop arguments to defend their own respective views regarding the environment and to develop viewpoints reflecting thoughtful and scholarly consideration of human duties, both individual and social, to the environment. Sophomore class standing or permission of Instructor. Prerequisite: ENGL 101. [Cross-listed with ENVS 310].





- PHYS 369**      **Short Course**      **(1-3)**  
 Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.
- PHYS 388**      **Independent Study**      **(1-4)**  
 Permission of Instructor. Can be repeated for credit with different topic.
- PHYS 389**      **Special Topics**      **(3)**  
 Permission of Instructor. Can be repeated for credit with different topic.

## **POLITICAL SCIENCE (PLSC)**

- PLSC 200**      **Introduction to Political Science**      **(3) [S]**  
 An investigation into the nature of government and politics; exploration of the basic philosophies, principles, and concepts of governance, and of the structures and processes of political systems. Topics include the structure and function of states, forms of government, public administration, the nature and character of domestic, foreign, and national security policy, relations between states, the international system and international organizations.
- PLSC 201**      **Introduction to Public Administration**      **(3) [S]**  
 A course on the nature of public administration. Basic concepts, processes, and approaches in the field of public administration are introduced so that the student will develop a sense of appreciation for the role of public administration in modern society.
- PLSC 202**      **International Relations**      **(3) [S]**  
 An examination of the basic factors and conditions which determine or influence relations among governments and states. Analysis of conflict and cooperation in a rapidly-changing world; impact of non-state actors and international organizations such as the United Nations; determinants of foreign policy; and sources of national economic and political power. Some attention is paid to contemporary developments including the post-Cold War unipolar order.
- PLSC 203**      **Comparative Politics**      **(3) [S]**  
 Analysis of how varied Western and other polities address the enduring problems of order, political responsiveness, political change, and the legitimacy of government structures. The course includes the comparative investigation of the relationships between the individual, social groups, and the state. Issues of individual freedom and collective responsibility are also addressed.
- PLSC 204**      **International Political Economy**      **(3) [S]**  
 An examination of the interaction between politics and economies in international affairs. The course includes the effect of economic conditions on foreign military and security policy, and the impact of foreign and military policies on economic relations. Topics also include imperialism, globalization, regional economic systems and international economic institutions such as the WTO, World Bank and International Monetary Fund. Prerequisite: INST 101 or PLSC 200.
- PLSC 205**      **Human Resources Administration and Development**      **(3)**  
 This course examines theories and practices of human resources management in local, regional, and global contexts. The course focuses on key aspects of human resources, planning, and their implications on public policy. It also studies major models that shape human resources development. [Cross-listed with MGMT 205].
- PLSC 207**      **International Relations of Arab States**      **(3) [S]**  
 Historical and contemporary analysis of the foreign policies of Arab States. Intra-Arab state relations; the Arab League; Euro-Arab relations, US-Arab relations, Arab-East Asian relations and Arab-African relations. Prerequisite: INST 101.

**PLSC 210            Methods of Research in Political Science            (3) [S]**  
Introduction to scientific method, data gathering, research design, statistical analysis, and computer applications for international relations and comparative studies research. The course develops analytical skills that students need as active consumers of research findings. [Cross listed with INST 210]. Prerequisite: INST 101 or PLSC 202.

**PLSC 302            Public Policy            (3) [S]**  
A survey of concepts and issues in public policy. This course acquaints the student with basic theoretical frameworks for the study and analysis of policy-making as both a problem-solving process and a political process. This course also examines closely the application of these concepts, frameworks, and criteria in selected policy areas. Sophomore class standing or permission of Instructor. Prerequisite: PLSC 200 or PLSC 201.

**PLSC 303            Politics of Postindustrial Societies            (3) [S]**  
Comparative study of postindustrial society; public policy and policy-making; domestic and foreign policy; politics and economics of welfare states; and political participation and oppositional movements in postindustrial societies. The course assesses the impact of technology, science, the information revolution and national and international social movements on politics. Sophomore class standing or permission of Instructor. Prerequisite: PLSC 200.

**PLSC 304            Arab Politics            (3) [S]**  
The course investigates contemporary Arab political culture, its historical, economic, geographic, ideological and social roots, dynamics of Arab nationalism and political Islam. Sophomore class standing or permission of Instructor. Prerequisite: PLSC 200.

**PLSC 315            American Government            (3) [S]**  
Structure and function of the American governmental system; the constitutional bases of government; federal, state and local government systems; intra-governmental relations; the Presidency and the Executive Branch, the Supreme Court and Congress, and the role of business, industry, non-governmental agencies and interest groups. Sophomore class standing or permission of Instructor. Prerequisite: PLSC 200.

**PLSC 316            Political and Social Forces in the U.S.            (3) [S]**  
An overview of the social bases of politics in the U.S.; political participation and elections; political parties, special interests, the role of religion in politics; public opinion and the major national institutions influencing the making and implementation of domestic and foreign policy. Sophomore class standing or permission of Instructor. Prerequisite: PLSC 200.

**PLSC 317            Government and Politics of Kuwait            (3) [S]**  
Analysis of the contemporary political institutions and behavior of the Kuwaiti political system; an overview of political participation and elections; the relationship among the executive, legislative and judicial branches; the major national institutions involved in domestic and foreign policy-making. Sophomore class standing or permission of Instructor. Prerequisite: PLSC 200.

**PLSC 321            Islamic Political Philosophy            (3) [S]**  
A survey of Islamic political thought from the time of the Prophet Mohammad until the present. Investigation of the development and evolution of institutions in the Islamic state; Ibn Khaldoun's views on history, society and the state. Theories of the state, including contemporary Shi'i and Sunni thought are also addressed. Sophomore class standing or permission of Instructor.

**PLSC 322            Western Political Theory            (3) [S]**  
A survey of Western political thought from ancient times to the present. Analysis of major themes such as the relationship of the individual to the state, political authority, political legitimacy, cooperation and conflict, and political change through the works of Plato, Aristotle, Rousseau,

Machiavelli, Hobbes, Locke, and contemporary political theorists such as Rawls. Sophomore class standing or permission of Instructor. Prerequisites: PHIL 101 or previous INST/PLSC and ENGL 101. [Cross listed with PHIL 322].

**PLSC 327 Comparative Ethnicity, Identity, and Ethnic Conflict (3) [S]**

Comparative examination of the complex configuration of identity, identity politics, ethnicity, and the role of race, religion, culture and nationalism in ethnic identity, population, migration, and ethnic politics and conflict. The rise of ethnic conflict globally. Sophomore class standing or Permission of Instructor. Prerequisite: PLSC 200.

**PLSC 333 Organization Theory (3) [S]**

A course that explores the major debates, both theoretical and applied, that frame contemporary discussions about organizing in the public and nonprofit sectors. The course introduces organization theories about public organizations and the basic methods to study organizational behavior in non-private spheres. Sophomore standing or permission of Instructor. Prerequisite: PLSC 201. [Cross-listed with MGMT 333].

**PLSC 334 E-Government (3) [S]**

This course explores the impact of information and communication technology on information management, government decision-making and communication, service delivery, and public policy in the public sector. Sophomore class standing or permission of Instructor. Prerequisite: PLSC 201.

**PLSC 335 Current Trends in Public Administration (3) [S]**

A course that deals with the contemporary transformation of the public sector and its relationship with government and society. This course evaluates managerialism in the public sector, privatization, and entrepreneurial government. Sophomore class standing or permission of Instructor. Prerequisite: PLSC 200 or PLSC 201.

**PLSC 369 Short Course (1-3)**

Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

**PLSC 388 Independent Study (1-3)**

A research and writing project to be determined in consultation with the Instructor. Senior class standing or permission of Instructor.

**PLSC 389 Special Topics (3)**

Senior class standing or permission of Instructor. Can be repeated for credit with different topic.

## **PSYCHOLOGY (PSYC)**

**PSYC 101 Introduction to Psychology (3) [S]**

General Psychology introduces students to principles of human behavior. It explores individual differences in personality development, emotion, sensory functions and perceptions, learning, as well as psychopathology and clinical interventions.

**PSYC 200 Research Design and Methods (3) [S]**

This course is an introduction to psychological research design and methods. Students will learn experimental and non-experimental methodologies, including measurement and error, experimental control, descriptive statistics, statistical inference, observation, correlative research, surveys, archival research, and quasi-experimental and ex post facto designs. The course develops critical research and analytical skills, attending to the ethical issues in applying psychological methods to a broad range of research topics.

**PSYC 202            Developmental Psychology            (3) [S]**

This course is an introduction to human development from infancy through death, focusing on the interactions of personal and environmental factors in the development of perception, language, cognition, and sociality. Topics include developmental theories, infant perception, attachment, the development of language and memory; identity transitions; and peer relations, schools, families and communities as the contexts of life-cycle changes.

**PSYC 203            Social Psychology            (3) [S]**

This course introduces students to theory and research about the dynamics of individuals and social groups. It includes studies of how we perceive ourselves and others, how we form our beliefs, judgments, and attitudes, social influences such as cultural or gender expectations, persuasion and pressures to conform, as well as our social relations, whether prejudicial, aggressive, intimate or helpful.

**PSYC 204            Abnormal Psychology            (3) [S]**

This course orients students to a range of behaviors classified as “abnormal”, and to theories and research about the dynamics, diagnoses and treatments of neuroses, psychoses, character disorders, psychosomatic reactions, and other abnormal personality patterns. Prerequisite: PSYC 101.

**PSYC 234            Cultural Psychology            (3) [S]**

This course introduces students to the dynamics of culture and psychology. Through in-depth studies of cultures and psychological processes such as sensation, perception, emotion, and learning, students will assess psychological diversity and complexity in multi-cultural communities. Offered Fall and Spring semesters.

**PSYC 235            Child Psychology            (3) [S]**

This course is a study of the physical, psychological and social development of individuals from infancy through childhood. Offered Fall semester only. Prerequisite: PSYC 101.

**PSYC 236            Psychology of Adolescence            (3) [S]**

This course focuses on the biological, cognitive, and social-emotional issues that face young people as they approach adulthood. Theoretical perspectives, diversity and gender-specific issues in development will be discussed. Offered Spring semester only. Prerequisite: PSYC 101.

**PSYC 332            Personality Theories            (3) [S]**

This course provides an understanding of theories and research from each of the major approaches to the study of personality; psychoanalytic, learning, cognitive, dispositional, humanistic, and intervention strategies derived from these approaches. Offered Fall semester only. Sophomore class standing or permission of Instructor. Prerequisite: PSYC 101.

**PSYC 335            Psychology of Addictions            (3) [S]**

This course assesses theory and research about the social impact, causes, characteristics, and treatment of addictions, including alcohol and drug addictions and eating disorders. Offered Spring semester only. Sophomore class standing or permission of Instructor. Prerequisite: PSYC 101.

**PSYC 337            Community Psychology            (3) [S]**

In this course, students will apply psychological principles to understanding and solving community problems. Topics include industrial hazards and pollution, community health and mental health, alcohol and drugs, violence, racism and other forms of bigotry. Sophomore class standing or permission of Instructor. Offered Fall semester only. Prerequisite: PSYC 101.

**PSYC 365            Marriage and Family            (3) [S]**

This course offers students an understanding of the social, historical and biological significances of “family” in Kuwait, as well as the diverse stresses on Kuwaiti families, and the forms of problem



**RELG 388 Independent Study (1-3)**

Permission of Instructor. Can be repeated for credit with different topic.

**RELG 389 Special Topics (3)**

Selected topics of interest in religion. Permission of Instructor. Can be repeated for credit with different topic.

**SOCIAL AND BEHAVIORAL SCIENCES (SBSA)****SBSA 101 Introduction to Social and Behavioral Sciences, Concentration in Anthropology (3) [S]**

An introduction to the study of human society from a multicultural perspective. The course covers such topics as language, food, economics, political systems, religion, art, kinship and descent, gender, marriage and family, health, and cultural change. A prerequisite for many SBSA courses.

**SBSA 200 Research Methods: Ways of Seeing and Knowing (3) [S]**

An introduction to ethnographic fieldwork and research design. The course covers both issues that confront researchers in the field as well as the methodology used to collect data. Among the methods to be presented are interviews with individuals, focus groups, surveys and questionnaires, data analysis and presentation. Students will have opportunities to learn by doing. Prerequisite: SBSA 101.

**SBSA 205 Fundamentals of Arab Society (3) [K], [S]**

An overview of the structure of Arab society and its diversity. The course covers the relationship between environment and culture, the impact of history and religion on regional values, and the three basic subsistence strategies: nomadic pastoralists, villager, and townspeople. It also provides examples of social and cultural change.

**SBSA 210 Arab Society and Culture (3) [K], [S]**

This course explores the complexity and diversity of Arab society in its socio-cultural aspects. Among the topics to be covered are family life, gender roles, political culture and the military, economics, education, media, the arts, and the Arab communities in Europe and America.

**SBSA 214 Lost Worlds (3) [S]**

Explores various societies around the world known largely through the material remains uncovered by archaeology. Includes societies such as that of ancient Egypt, the Nabateans, the Mayans and Incas of the Americas, Easter Island, and Paleolithic sites in Europe and the Middle East. Briefly covers archaeological methods and controversies such as ownership of artifacts, looting of sites, and conservation needs.

**SBSA 218 Museums as Artifacts (3) [S]**

The course examines how and why museums represent and reflect cultures in their exhibitions and public programming. Among the topics to be considered are the development of museums, their organization, funding, and purpose, exhibit display styles, educational activities, audience evaluation techniques, and the ethics of collecting. Museum visits will be an integral part of the course.

**SBSA 219 Developing Museum Exhibitions (3) [S]**

This course provides students with the opportunity of producing a museum exhibition on a cultural topic or issue. Students will develop a chosen topic, research public perceptions on the issue, obtain funding, expand exhibit ideas and determine how to convey them visually, conduct background research, write label copy, collect and install artifacts and photographs, write a press release and a brochure, and organize the exhibition's opening. It is strongly recommended that students take SBSA 218 prior to this course.







**SPAN 102 Introduction to Spanish II (3) [H]**  
 Introduction to Spanish II continues to reinforce communicating skills with an emphasis placed on speaking (acquisition of vocabulary for personal and practical use). It will develop the ability to communicate with accurate pronunciation and intonation. Students will be exposed to Spanish and Latin American culture with the use of video and other authentic material. The course content is built with a variety of methods and formats to suit the needs of learners. The class is conducted almost entirely in Spanish. Students may not enroll and will not receive credit for a language-learning course taken below the level of the language-learning course into which they were tested. Permission of Instructor. Prerequisite: SPAN 101.

**SPAN 201 Intermediate Spanish (3) [H]**  
 Intermediate Spanish continues to reinforce active communicating skills with more emphasis placed on reading and writing texts but it will continue to extend speaking skills in daily life situations. Students will be exposed to the Spanish and Latin American culture with the use of video and other authentic material. The course content is built with a variety of methods and formats to suit the needs of learners. At this level, the class is conducted entirely in Spanish. Students may not enroll and will not receive credit for a language-learning course taken below the level of the language-learning course into which they were tested. Permission of Instructor. Prerequisite: SPAN 102.

**SPAN 369 Short Course (1-3)**  
 Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

**SPAN 388 Independent Study (1-3)**  
 Permission of Instructor. Can be repeated for credit with different topic.

**SPAN 389 Special Topics (3)**  
 Permission of Instructor. Can be repeated for credit with different topic.

## STATISTICS (STAT)

**STAT 201 Statistics (3) [M]**  
 Topics include data classification, means, measures of central tendency and dispersion, frequency distributions, probability, sampling distributions, point and interval estimates, hypothesis testing, non-parametric techniques, simple regression and correlation. Computer-based statistical packages are utilized.

**STAT 202 Regression for Business (3) [M]**  
 This course extends Statistics 201 and includes estimation, hypothesis tests concerning one and two populations, statistical inference, Chi-square tests, simple and multiple regression, and model building. This course is highly recommended for Finance and Economics Majors. Prerequisite: STAT 201.

**STAT 214 Statistics for Engineers (3) [M]**  
 Students will be given an in-depth exposure to proofs of statistical formulas and theorems. Topics for study will include counting methods, probability, discrete and continuous random variables, probability distributions, density functions, expectation, moments and moment generating functions, sampling distributions and the Central Limit Theorem, point and interval estimation, hypothesis testing, unbiased estimators, consistency, sufficiency, robustness, regression and correlation. Prerequisite: MATH 203.

- STAT 369**      **Short Course**      **(1-3)**  
 Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor.  
 Can be repeated for credit with different topic.
- STAT 388**      **Independent Study**      **(1-3)**  
 Permission of Instructor. Can be repeated for credit with different topic.
- STAT 389**      **Special Topics**      **(3)**  
 Permission of Instructor. Can be repeated for credit with different topic.

## **TRANSLATION (TRAN)**

- TRAN 101**      **Introduction to Translation**      **(3)**  
 The study of the translation process is examined through the analysis and translation of authentic texts of various types. Basic concepts of translation theory are introduced, and elementary skills are developed.
- TRAN 201**      **Theoretical and Practical Issues in Translation**      **(3)**  
 The theoretical and practical issues associated with problems of translation in varied types of texts. Topics include the review of types of dictionaries, thesauruses, idiomatic expressions, and proverbs, synonyms and antonyms. Prerequisite: TRAN 101.
- TRAN 369**      **Short Course**      **(1-3)**  
 Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor.  
 Can be repeated for credit with different topic.
- TRAN 381**      **Practicum in Translation**      **(3)**  
 Practices in Arabic to English and English to Arabic translations are highlighted. Review and critique of translated texts are included. Sophomore class standing or permission of Instructor.  
 Prerequisite: TRAN 201.
- TRAN 388**      **Independent Study**      **(1-3)**  
 Permission of Instructor. Can be repeated for credit with different topic.
- TRAN 389**      **Special Topics**      **(3)**  
 Permission of Instructor. Can be repeated for credit with different topic.

