SPRING 2016 TENTATIVE COURSE OFFERINGS*

The American College of Thessaloniki plans to offer a wide array of courses from the Divisions of Business, Humanities & Social Sciences, and Technology & Science for the Spring 2016 semester. For those students in the Study Abroad Program, prerequisite requirements can be waived if comparable completed coursework at their home institution can be demonstrated.

*Please note that ACT reserves the right to cancel a class due to low enrollment and will work to provide appropriate alternatives for those students impacted by any changes in course offerings.

DIVISION OF BUSINESS

Accounting 101: Financial Accounting
This course is designed to provide students with an understanding of accounting information and the environment in which it is developed and used. Accounting principles and procedures are discussed in order to provide an understanding of the financial accounting process, including the recording, summarizing, and reporting of business transactions, which result in the preparation of financial statements. Topics covered include accounting and the business environment, revenue and cost recognition, asset valuation, depreciation, and an introduction to financial statement analysis. (3 credits)

Accounting 102: Managerial Accounting
This course is designed to give insight into the interpretation and use of financial reports for management planning, coordination and control. Students will be exposed to the kind of accounting information needed, where this information can be obtained, and how this information can be used by managers as they carry out their planning, controlling, and decision-making responsibilities. Topics include management accounting vs. financial accounting, classification and behavior of costs, CVP analysis, segmented reporting, standard costing and responsibility accounting. (3 credits)

Business Administration 398: Undergraduate Internship in Business
This course aims towards junior or senior students so as to offer them an opportunity to apply their so far gained academic knowledge. This internship is an academic course and credit is awarded due to learning not just for working. The course’s main goal is to provide students with an opportunity to gain work experience that will enhance and complement their academic learning. The course requirements are designed to provide a structure that will enable students to make connections between what they learn in the classroom and on the job, to further develop analytical and interpersonal skills, and to practice business writing skills. (3 credits)

Business Administration 399: Global Competitiveness Practicum
The course is designed to give students an opportunity to leverage their existing business skills, as well as, develop new ones in an exciting and team cooperative environment. ACT faculty select a number of local businesses and the students work on consulting assignments for them. GCP faculty assign students to teams, each consisting of generally two ACT and two Ohio University students. Each team is given a different business project and is charged with developing and implementing an approach for completing it in a fashion that satisfies its client and meets the course objectives. (3 credits)

Economics 101: Introductory Macroeconomics
An introduction to modern economic analysis and its policy implications. The course centers on the applications of economic theory to national policy problems such as growth, inflation, unemployment, government expenditures and taxation, and the role of money. In addition, it provides a broad introduction to the understanding of the modern national socioeconomic systems in today’s globalized economies. (3 credits)
Economics 102: Introductory Microeconomics
A continuation of the introduction to modern economic analysis concentrating on the factors affecting behavior and decision-making by households, business firms, and institutions operating under a mixed socioeconomic system. It also considers the issues of market failures and introduces basic concepts of international economics. (3 credits)

Economics 232: International Economics
The goals and objectives of this course are to facilitate the students understanding of foreign trade flow issues including the causes, the volume and the direction of these flows. Strong emphasis is given to the formulation of industrial trade policies. Topics to be covered include various trade and exchange rate theories, tariffs, and commercial policy, factor movement, regional economic integration, international institutions, international macroeconomic interactions, and international environmental issues and policies. (3 credits)

Economics/Management 242: Applied Managerial Economics
This course deals with the application of economic theory and the tools of analysis of decision science to examine how an organization can achieve its aims most efficiently. The course uses the theory of the firm to integrate and link economic theory (microeconomics and macroeconomics), decision sciences (mathematical economics and econometrics), and the functional areas of business (accounting, finance, marketing, personnel or human resource management, and production) and shows how all of these topics are crucial components of managerial decision-making. Emphasis is placed on actual real world managerial decisions. (3 credits)

Finance 202: Entrepreneurial and Corporate Finance
This course will clearly focus on financing an existing family business, start-ups, corporations, and NGO’s, including sound financial management practices. The course will go into depth on how to analyse financial statement, create financial forecasts, and evaluate the various ventures. Tools and methods used in determining how much money a venture actually needs in order to be viable will also be covered. Attention will be devoted to the different types of financing alternatives available to an entrepreneur. The venture capital market will be investigated in detail, including self-financing, debt financing, angel financing, and financing from venture capital firms. Students will be encouraged to understand financing issues and options from the vantage points of the entrepreneur, the lender, and the investor. In short, the course will explore the most important financial issues that an entrepreneur may face. (3 credits)

Finance 220: Investment and Portfolio Management
The principal purpose of this course is to offer a comprehensive introduction to the characteristics and analyses of individual securities as well as the theory and practice of combining securities to form optimal portfolios. It provides an understanding of the general principles of financial and investment decision-making through an examination of asset pricing models and the efficient market hypotheses as well as treatment of interest rates, bond and stock pricing, and bond and stock fund management. (3 credits)

Finance 400: Seminar in Finance
The purpose of this course is to analyze topics in Financial Management that have received limited coverage or no coverage in the other courses in Finance. The following topics will be covered in the course: Financial Innovations / Derivatives / Venture Capital / International Portfolio Management / International Acquisitions and Valuation / Currency Risk Management. The course topics and theme will vary over time to include the most recent issues affecting the financial sector. (3 credits)

Management 101: Introduction to Management
This course provides students with knowledge of basic management theories and concepts and introduces them to simple case studies relevant to the theoretical background that is covered. The subjects examined, including some insights from international management, are the following: the external and internal environment within which an organization operates; the historical foundations of Management; the social responsibility of business and the relation between business and government; the managerial function of planning; management by objectives; the organizing function and organizational structures; the function of staffing and personnel selection; the function of leading, motivation and job satisfaction, and finally, the function of controlling and coordinating a firm’s actions to achieve its objectives. (3 credits)
Management 210: Human Resource Management for Growth  
The course provides an overview of the basic concepts and practices of human resource management of a modern entrepreneurial organization. Its emphasis is on HRM’s strategic perspective and well-being of the people for the success of new ventures. It also focuses on the global realities of HRM and the use of modern technologies within an ethical framework. Topics covered include basic concepts, strategic HRM, legal aspects of HRM, Job analysis & Job Design, human resource planning, employee recruitment, selection, motivation and orientation, performance evaluation and compensation, Training and development, labour relations, safety, health and wellness, social and ethical issues. (3 credits)

Management 218: International Business  
The objective of this course is to present an overview of the global environment within which firms operate. Students are exposed to all aspects of international business and will learn how to interpret international developments and evaluate their consequences for the firm. Among the topics considered are the nature of the multinational corporation, the institutional framework for international business, environmental factors influencing the choice of international investment sites, factors related to business operations in specific countries/regions, and the special circumstances relating to the marketing and financing of international businesses. (3 credits)

Management 323: Business Strategy II (Capstone Project)  
This course is designed to synthesize the knowledge and skills developed in previous business courses and apply them to the research project. Students learn about all aspects of the process of developing and carrying out their business strategy research project, and gain an understanding of standards and expectations that students need to meet to be successful in completing their research. Typically there are no classroom sessions throughout the course. However, in order to make substantial progress, it is essential that students set and meet aggressive goals and meet regularly with their coordinator to ensure the research project is progressing in a focused and high quality manner. Lastly this research project should prove the student’s independent ability to investigate and develop an issue within the field of business strategy. (3 credits)

Management 330: Entrepreneurship and Innovation  
An in-depth study of the legal, financial, marketing and organizational aspects of starting up, implementing, and successfully managing one’s own business venture. The major portion of the course, apart from presentation and discussion of theoretical bases involving starting a new business, consists of construction of a detailed business plan. Class members consider all issues involving initiation, building, and controlling a new venture. The main goal is first the analysis and secondly the simulation of an effective business plan based on realistic, contemporary case scenarios. (3 credits)

Management 340: Business in Greece and the EU  
The aim of the course is to give students in-depth insights into the complexities of the European environment from a global, business, economic, political, and legal perspective. The course also analyzes the various ways in which the European Union institutions influence a company working in or with Europe, with specific emphasis placed on doing business in Greece. (3 credits)

Marketing 101: Introduction to Marketing  
The objectives of this course are to introduce the basic marketing concepts, to present the practical use of marketing in modern corporations, to provide students with the elements of market thinking in solving business problems and to prepare them for working in the competitive and dynamic field of marketing. Topics covered include the macro and micro role of marketing, market segmentation, basic principles of marketing research, demographic and behavioral dimensions of consumers, marketing mix, product analysis, product strategies, new product development, distribution channels, pricing policies, introduction to promotion and advertising, and marketing plan construction. The course is enriched with supplementary up-to-date articles, real-world cases, video projections, and marketing simulation. (3 credits)
Marketing 212: Sales Management
The main objectives of the course are to introduce the basic concepts of personal selling, to give an explicit and practical view of salespeople’s main tasks and working practices, and to discuss and organize the current sales management tactics by analyzing up-to-date, real world situations. Topics include sales management functions and strategies, the personal selling process, account relationship management, territory management, setting sales goals, personnel recruitment and selection, sales training, territory design, leadership, motivating and compensating the sales force, and evaluation and control of sales force performance. (3 credits)

Marketing 214: Advertising
The primary objective of this course is to introduce students to the challenging world of advertising and promotion. Advertising is examined as a distinctive element of promotion, together with other communication tools. Current developments of advertising are discussed and an integrative perspective is adopted, due to rapid changes and metamorphoses in the advertising business. Emphasis is given to the role of modern marketing communications, the organizational needs and structure in the field of advertising and promotion, determining advertising objectives and budget, creative strategy, media planning, analysis of broadcast and print media, types of support media and other promotional tools. The large number of advertising techniques and applications, as well as students’ everyday exposure to thousands of communication messages, recommend the use of cases, projects, real-world examples and class discussions. (3 credits)

Marketing 301: Marketing Strategy
An advanced marketing course that offers in-depth examination and analysis of the basic marketing principles gained in Marketing 101: Introduction to marketing. Students are taught what is being confronted in a marketing department and what the alternative procedures for carrying out various marketing projects are. A considerable effort is made to provide students with the elements of marketing thinking in structuring marketing strategies for various corporations. Supporting students’ ability to think, express themselves, write, speak and argue in marketing terms also constitutes one of the main course objectives. Finally, students are prepared to work in the competitive and dynamic field of marketing and to become professionals with a global perspective. Case analysis and class discussions of current issues are among the important educational and learning tools used. (3 credits)

Marketing 318: Global Marketing
This course addresses marketing management problems, techniques and strategies needed to incorporate the marketing concept into today’s global marketplace. More specifically the course deals with modes of foreign market entry, pricing issues, cultural and demographical issues and the impact of foreign currency fluctuations on a firm’s performance. (3 credits)

Marketing 320: Marketing Research
The major objective of this course is to introduce students to the useful and multi-purpose theory and practice of marketing research. Application of this theory to product, price, place and promotion strategies, as well as to every practical marketing issue confronting a business organization, is one of the main course goals. Topics that are discussed in detail include the role and the environment of marketing research, planning a research project, secondary sources of information, qualitative interviewing methods, survey-interviewing methods, the basics of sampling, major sampling techniques, questionnaire construction, data-processing, analysis and tabulation, and reporting research findings. All topics are dealt with through examples in the context of real business situations. (3 credits)

Research 299: Research Methods
This course aims to provide to students a comprehensive knowledge of good research practices. Students will also be exposed to ethical and legal issues related to research. Emphasis will be placed on the ability of the students to apply the appropriate research methodologies and analytical techniques and on acquiring academic writing and presentation skills. (3 credits)
DIVISION OF HUMANITIES & SOCIAL SCIENCES

Anthropology 101: Introduction to Anthropology
This course provides an overview of major themes and concepts of Anthropology considered both in relation to the biological disciplines (Paleontology, Ethology, Sociobiology) and as the comparative study of human cultures (Social Anthropology/Ethnology). The course establishes the continuity of human culture from an evolutionary perspective and acquaints students with contemporary interdisciplinary debates on major issues. (3 credits)

Anthropology 349: Intercultural Communication in Theory and Practice (formerly Anthropology 249)
It is a module which provides students with basic knowledge on how communication practices are patterned by culture, leading students to acquire a reflexive approach to their own cultural identity and communication styles. It introduces students to a better understanding of the interaction between people coming from different cultures. In today’s globalized world this seems to be central to our existence as responsible citizens. In using as background ACT’s multicultural composition of the student body, and the host country’s culture (Greek), we shall try to acquire knowledge and skills for more effective intercultural communication practices in different settings and situations (workplace, diplomacy, leisure, interpersonal relationships). (3 credits)

Art 120: Art Appreciation: Principles of Design
The purpose of this course is to introduce students to the general principles of design, that is, to the formal elements in any work of visual art (painting, sculpture, photography, film, contemporary installation art, etc.). The course will be thematic and topical, and will consider examples from all periods of Western and non-Western Art. Included in the formal course work will be visits to local museums and galleries to examine firsthand artworks illustrating the different principles studied. (3 credits)

Art History 201: Modern Art and Architecture
This course offers a study of styles of the modern period, with special emphasis on the work of Manet, the Impressionists, and the Post-Impressionists who laid the groundwork for the art of the 20th century. There will be a close look at the social conditions and metaphysical concepts which led to the rebellion in the arts in the second half of the 19th century. The styles of Expressionism, Cubism, Abstract Art, Futurism, the Metaphysical School and Surrealism will then be analyzed. (3 credits)

Communication 327: Communication Research Methods
The aim of the course is to familiarize students with the challenges of conducting research in social sciences and the humanities. It is designed to provide students with research skills which are in high demand in a variety of contemporary professional settings, and necessary for their academic advancement to a graduate degree. Students will learn to collect, organize, analyze and evaluate data, as well as to consider the ethical implications of doing research. This course will discuss various research methods and in each of the methods studied, the aim is to focus on its practical applications and uses, examine in-depth notable cases of published research, and appraise their social utility. (3 credits)

Communication 333: Communication Design
The course will introduce students to Communication Design: the creative process for conveying any media intercession such as a message, an idea, a product or a service to its target group, through comprehensive lectures and presentations, creative workshops and projects conducted by the multi-awarded communication design agency Beetroot. More specifically, the course aims to acquaint students with all the necessary information they need in order to evaluate communication design processes, articulate communication design briefs, understand the pros and cons of each communication application including physical and digital, surface and three-dimensional, text and audiovisual applications, and acquire the foundations for crafting a successful communication design campaign. (3 credits)
English 101: Composition I
This course reviews the basic principles of paragraph writing and introduces the major rhetorical modes of narration, description and exposition through discussion of theory, examination of model essays, and writing practice. In addition, students are introduced to information literacy by spending seven two-hour sessions in the library, developing effective search strategies, understanding the differences between types of resources, and using critical skills with which to evaluate resources. (3 credits)

English 102: Composition II
This course builds upon the expository writing skills presented in Eng 101. First, it introduces students to the mode of argumentation by analyzing various types of arguments and presenting the essential tactics used in definition, cause, evaluation, refutation and proposal. At the same time, it introduces students to research paper writing by guiding them step-by-step in the process of forming an argumentative thesis, incorporating sources together with their own thinking into papers, and documenting sources. (3 credits)

English 120: Introduction to Literature
This course introduces students to the literary genres of fiction, poetry, and drama, and to the critical concepts and problems involved in the interpretation of literature. Through analysis of a selection of classic literary texts, the course aims to stimulate in students a critical appreciation for literature and a demonstration of the relevancy of literature to life. (3 credits)

English 203: Reading and Writing in the Disciplines
This course will focus on selection of readings in different disciplines (academic essays, professional articles, technical reports, business cases) and on practicing advanced reading comprehension skills. It will emphasize vocabulary enhancement, critical thinking, and synthesizing of ideas. Students will practice advanced writing skills (writing essays & academic papers with relevant scholarly apparatus, short argumentative reports, critical reviews, professional summary writing, informative reports, comprehension exercises) and oral presentations. (3 credits)

English 268: Women and Literature
This course examines the evolution of women’s literature from the 19th to the 20th century in an attempt to assess the implications of gender in the production and consumption of literature through a study of selected texts by Anglophone women writers. Coventry Patmore’s “The Angel in the House” (the only text studied written by a man) serves as the background against which we will study a variety of texts written by women writers that respond to and deconstruct this female portrait, gradually “killing the Angel” and working to create new fictional portraits and a new discourse for women and women’s literature. The concurrent exploration of sociopolitical and economic issues makes the course a contextualized study of sexual politics, and therefore of interest to students outside the English major as well. (3 credits)

English 274: Applied Linguistics
The particular course in the field of Applied Linguistics is designed to offer students a solid grounding in current approaches to teaching English as a second / foreign language, with an emphasis on practical applications to classroom settings. In our course, we consider a range of methods, techniques, and materials for teaching English. First we consider some criteria for evaluating methods and materials as we survey general classroom procedures. Then, we review key developments in second language teaching over the past few decades. However, we will concentrate on current teaching practice; this includes a variety of communicative language teaching techniques, integrated and discrete approaches to language skills, task-based and project-based learning, and student centered techniques. We will also explore recent work on multiple intelligences, learning styles, and learner motivation, focusing on how these ideas can be used in a variety of teaching situations. In short, our goal is to survey what is currently available to ESL / EFL teachers, to choose and adapt some elements that we think would work in our own teaching realities, and to understand how and why these elements work. (3 credits)
English 275: Sociolinguistics
The course explores the general framework for understanding how human communities use language to say or fail to say what is meant and investigate the particular linguistic styles conventionally used by social subgroups. During this exploration, students are challenged to do the following: 1) Situate sociolinguistics in its discipline; 2) Acquire fluency in using terms & concepts to examine social uses of language; 3) Become familiar with relevant research; 4) Expand research experience and hone research skills; 5) Develop awareness of linguistic styles, our own and those of others around us; 6) Apply this learning to analyzing social situations, complications & misunderstandings; 7) Enhance preparation for entering the world of work, regardless of the profession. (3 credits)

English 350: Advanced Writing: Writing for Social Change
The aim of ‘Writing for Social Change’ is to allow students to explore the genres and forms of writing that have influenced social change, and to practice writing for social change in today’s complex, multi-faceted world. Practical themes include: writing for advocacy; how to write to influence opinion and provoke action (use of language and understanding of rhetoric,) print and broadcast op-ed reporting, the language of politics, protest and persuasion and the use of citizen journalism (including petitions, grass-roots manifestoes, letter writing campaigns, open letters to newspapers etc). Students will be expected to write creatively and persuasively about social change and think about issues such as: what role should writers play in the framing and mediation of issues, social norms and negotiating the relationship between the personal and the political. (3 credits)

English 395: Senior Thesis II
This is the second part of a course in which the students are required to write a 8,000-word thesis, or a 6,000 word thesis if accompanied by a strong multimedia component. It forms a fundamental component of the BA Hons in English curriculum, serving both its pathways, which offers students the opportunity to cultivate the abilities and skills necessary for the realization of a medium-scale research project, from the formulation of the initial research question to its final submission. The course offers an integrative, project-focused approach deemed particularly useful both to a wide variety of professional settings and to the advancement to graduate studies. (3 credits)

European Studies 210: Foundations of European Integration
This module will expose students to the historical, political and institutional developments of the European Union. It introduces key developments, institutions and policies, examines the theoretical framework of European integration, and studies the European Union as a global actor, with specific reference to its enlargement process and external relations. (3 credits)

Greek 101: Beginning Modern Greek I
The aim of this course is to develop students’ familiarity with oral and written Greek through dialogues dealing with everyday situations and written material drawn from the popular media. Emphasis is on oral communication. Grammar is learned through dialogues illustrating everyday communication, while students gain practice by role-playing and acting out numerous everyday situations. The vocabulary used meets basic social needs for an environment where Greek is spoken. (3 credits)

Greek 104: Beginning Modern Greek II
This course is designed to develop further students’ fluency in Greek. Emphasis is given to oral practice, which includes active use of the spoken language, without neglecting the written language. Grammar is presented through dialogues from everyday situations and written material from newspapers and magazines. Students engage in discussions on common social topics.(3 credits)
History 120: The Modern World
This course takes its point of departure in late eighteenth-century Europe during the period of the Enlightenment and the French Revolution, and concludes in the late twentieth century with the end of the Cold War and the immediate post-Cold War decade. Course materials integrate social, cultural, political, and economic approaches, as well as aspects of historiographical analysis, in order to facilitate study of both the foundations of the contemporary world and questions relating to historical representation. The course also provides coverage of significant global developments in the modern era. (3 credits)

History 201: Women in Modern Times
An upper-level survey which studies the evolving conditions in which women have lived and worked in the western world from ca. 1750 to the present. A variety of types of evidence, from legal documents to art and literature, will be examined. Students will also be introduced to contemporary theoretical developments in the larger field of women's studies. (3 credits)

History 221: Global Modernities: World History Since 1900
This course examines global history from 1900’s to the present, addressing key themes and trends in the political, cultural, social, and intellectual landscapes of the period. While emphasis will be on interpreting the century’s historical trajectories, the course will also seek to historicize globalization, evaluate the concepts of globality and transnationalism, and study critical responses to globalization. (3 credits)

History 245: Foreign Policy of the USA (formerly History 342)
This course will provide a detailed examination of American foreign policy since the end of the nineteenth century, following a preliminary overview of American foreign relations from the War of Independence to the 1890s. The purpose of the course will be to identify above all the actors, doctrines, and institutional settings of post-WWII American foreign policy, both in a domestic and in an international, if not global, perspective, and to provide detailed analysis of select episodes in contemporary international politics. US relations with Europe, the former Soviet Union, and Pacific rim states China and Japan will be given special attention, while other regional zones of contention, from Latin American to the Middle East to Southeast Asia, will also be discussed. The course will end with a brief glimpse of the foreign policy of the current US Administration. (3 credits)

History 301: History of Ancient Greece
This course presents a survey of ancient Greek history from the Minoan through the Hellenistic period. The course follows a broad chronological account, but at the same time strongly emphasizes thematic trends and various aspects of social, economic and ideological history, including such institutions and values as political ideas, drama, city states, scientific and philosophical inquiry, trade, colonies, daily life, and gender. A variety of primary and secondary source materials will be employed to explore better who the ancient Greeks were and what their legacies have been. (3 credits)

Humanities 246: Introduction to American Cultural Studies (formerly History 241)
This course investigates selected key aspects of America’s historical and cultural development from the colonial period of the 17th century to the early 21st century. A wide array of texts, mediums, and genres will be examined to provide the basis for a critical evaluation of the American experience and debates on what constitutes an American identity. Some of the topics addressed include the evolution of colonial society, aspects of political culture, intellectual and literary trends, slavery and the Civil War, the Native Americans, the civil rights movement, America’s role in the world, and acknowledging the myriad of “American voices” of which American cultural expression is comprised. (3 credits)
Philosophy 101: Introduction to Philosophy and Critical Reasoning
The primary aim of this course is to train students in the skills required for critical analysis of discourse. Its secondary aim is to apply these critical analytic skills to the activity of philosophizing. Accordingly, the course is divided into two parts. In the first, the main concern is with the validity of inferences. Students learn sentential and predicate calculus so that they are in a position to check the validity of any argument proposed. In the second part, the main concern is inquiry and to this purpose the students first apply logical theory to methodology (induction, hypothesis, abduction, explanation, reduction theory, definition, distinction, issue, problem), and then apply all these techniques to the discussion of two problems: the existence of God and the problem of mind and its relation to matter. (3 credits)

Philosophy 203: Ethics
This course is designed to help students develop their critical abilities through the analysis of ethical problems and to introduce them to contemporary ethical theory. Following an introduction to the structure of ethical problems, three classical approaches to the problem of justification are presented: moral obligation (Kant), the consequences of one’s actions (Utilitarianism), and personal virtue (Aristotle), respectively. The course also includes discussions of meta-ethical issues concerning the relation between fact and value and the problem of justifying and then generalizing one’s ethical judgments including the issue of moral relativism. (3 credits)

Politics 101: Contemporary Politics
The purpose of this course is threefold. First, it explores various dimensions of what political scientists call “governance” and what psychologists call “Machiavellian Intelligence,” namely those instances in our daily lives where humans, by their very nature, engage in activity one might call “political.” Second, the course examines different aspects of the formal, systematic study of political phenomena, commonly known as the academic discipline of political science. Finally, it considers basic elements of negotiation, from simple exchanges with neighbors to formal diplomatic relations in contemporary international relations. (3 credits)

Politics 201: International Relations
This course begins with an examination of the key notions and actors in the field of international relations, as observed principally from the twin perspectives of global interdependence and mutual vulnerability. It then focuses on various institutional, ethnic, geopolitical, strategic, and economic issues of current interest. At the same time the course has as an objective to provide an overview of the main classic and contemporary trends in international relations scholarship. (3 credits)

Politics 229: The US Federal Government
The aim of this course is to introduce students to the basic workings of the American federal government, through a study of the Constitution, of political institutions, and of core values (rights, freedom, property, etc.). In addition, the course will provide a general overview of the evolving character of American political life from the colonial period to the present. Such phenomena and issues as lobbies, the role of the media, and the changing face of the American population (districting) will also be considered; so too will a rudimentary explanation of state and local government be offered. Finally, the course will introduce students to the overlapping methodologies inherent in the study of comparative government. (3 credits)

Politics 249: The Politics of International Economic Relations
The course aims at giving the students an advanced understanding of international economic relations. This is done by focusing on the following three aspects of the international political economy: 1) the theoretical debate on the history and nature of the international economic transformations which have been taking place since World War II; 2) the histories and impact of international institutions as key players; 3) the impact on communities of the dominant free-market economic policies of the last three decades with particular attention to the recent financial crisis. (3 credits)
Politics 301: War, Genocide, and Peace in the Modern World
In many respects war seems to be a major preoccupation of humankind. This course sets out to examine various perspectives on the causes, nature, and implications of war and genocide, as well as familiarizing students with the major issues and concepts associated with violent conflict. In addition students will become engaged with the dynamics of efforts to establish peace and resolve conflicts through an examination of applied theoretical frameworks and case study analyses. (3 credits)

Politics 332: Human Rights
This senior seminar will focus on the basic principles of human rights. Building on the foundation IR students will have received from Politics 231, International Law, it will introduce students to the international and regional conventions and instruments which encode human rights. The course will cover the following issues: how human rights develop; the struggles for human rights; where these rights are encoded; and how to monitor that laws are being enforced. The course will also reflect on how international organizations reflect the values of human rights, not only in their monitoring and campaigning but also in their own practice. (3 credits)

Politics 334: Global Security Challenges and International Law
This module sets out to highlight the evolution of the concept of security (from State to human security and beyond) and the dynamism of international law and policy responses vis-à-vis a series of global threats (terrorism, threats to human health, environmental disasters, migration, financial threats). Students will be exposed to moral, legal and policy dilemmas highlighted in specific case-studies concerning global security threats and will be required to examine in depth and critically assess them. In order to fulfill these objectives, the main actors involved and the main tools employed in dealing with these threats will be presented and a series of primary sources related to the case-studies will be commented upon. (3 credits)

Politics 350-351: Senior Thesis
An intensive, two-semester research project guided by one or more ACT faculty.

Social Science 399: Service Learning Practicum
The course comprises a combination of theoretical sessions (in-class component) and real-life case study projects. Having a service-learning character, this course enables students to experience in practice and better understand community engagement through placements and implementation of projects in local community NGOs, agencies and organizations. Some identified organizations for students’ placements are organizations that provide services related to health and care, education, environment conservation and citizenship & social activism. The key principle underlying these activities is the co-construction of knowledge through student collaboration. Such a participatory approach facilitates the process of pairing up students across ages, backgrounds and interests and enables a shared, co-experienced understanding of place and community participation among the young people involved. (3 credits)

Sociology 101: Contemporary Society
This course will explore the discipline of sociology, with a particular focus on the key concepts and issues relating to the study of contemporary society and culture. The course seeks to establish a methodological balance between theoretical grounding and an applied framework as it examines the following thematic issues: social and cultural theoretical perspectives, globalization, power, ethnicity, gender, the mass media, and the dynamics of culture in the contemporary world. (3 credits)
Spanish 101: Spanish for beginners

‘Spanish beginners’ introduces students to the Spanish language, using listening comprehension techniques, speaking, reading and writing. Students will learn the vocabulary necessary for daily communication and develop an understanding of the grammar and structure of the language. Teaching material is taken both from textbook and non-textbook sources. Grammar will be provided through guided and communication exercises. Students practice role-playing and act out everyday situations. Educational material also includes language games, Spanish movies, song lyrics and multimedia presentations. (3 credits)

DIVISION OF TECHNOLOGY & SCIENCE

Art 130 - Introduction in Photography, from the analog to digital era

This course introduces students to the basic technical skills necessary for using a digital camera and image editing software. Students will develop artistic skills in photography through experience in creating, observation and critical consideration of photography. Throughout the semester, students will be expected to photograph consistently, present assignments and projects in class and develop skill in using photography as a tool for visual communication. Class time will consist of lectures, demonstrations, critique of student work, lab work, museum and studio visits. (3 credits)

Computer Science 101: Introduction to Computing

The course aims at making the student an effective computer user within the contemporary networked environment of both the office and the Internet. Students learn the usage of modern programs suitable for composition, calculation and presentation, as well as the facilities available for communicating and researching through the Internet. The fundamentals of how the computer and a network of computers work are discussed in order to provide a basic understanding of the modern computing environment. (3 credits)

Computer Science 107: Multimedia I

This course is an introduction to digital multimedia. All media components (digital pictures/graphics, text, animation, sound and digital video) are introduced and their parameters defined and studied. Software multimedia development tools necessary for the creation or capture of digital media are presented, and students acquire hands-on experience with a package for each media category. Hardware essential for the capture/creation of the media is also presented. Multimedia project design parameters are examined and applied to a student capstone project. (3 credits)

Computer Science 151: Quantitative Computing

This course aims at increasing students' quantitative skills through extensive usage of popular spreadsheet programs. Students will be exposed to numerous basic concepts of computing, including data types and formats, spreadsheet programming and data structures. A variety of problem solving tasks will be presented at an introductory level, including data analysis, simple system modeling and simulation. Applications will be drawn from several disciplines, including business. (3 credits)

Computer Science 201: Business Computing

The course aims at presenting Business majors with the basic computing structures needed to support a company's management. Students will be exposed to data tables from a variety of business activities as well as the database techniques necessary to model and effectively process these data for the purposes of company assessment and planning. Examples of applications residing in the WWW will be presented, analyzed and subsequently implemented by students with the database medium used in the course. (3 credits)

Computer Science 206: Web Development

This course is designed for students who have a good knowledge of computer systems and familiarity with the World Wide Web. It provides an introduction to development for the Internet. The course involves the creation of both static and dynamic or interactive web pages using a range of tools from basic text editors, through HTML specific tools as well as a web development tool. Topics covered include Web page design issues, basic understanding of Web authoring and site management, HTML, Web development using specialized tools, and fundamentals of animation software. (3 credits)
Computer Science 215: Data Structures
This course provides an introduction to modeling with data structures, and considers principles of structured and object-oriented programming as well as introducing algorithms used for data structures. Topics include Object Class Hierarchies, Procedural Programming with Objects, Management of Data Structures, Introduction to Modeling and Simulation, and Object Class Programming. (3 credits)

Computer Science 312: Database Management Systems
This course offers a systematic coverage of modern Database Computing theory and technology. Topics include Relational Algebra, Data Modeling, Database Design, Concurrency and Locking, Client-Server Database Management Systems, Interface Design, trends in Database Systems, combination of Object Oriented Modeling, and Relational Databases. The course is based on a modern client design tool and requires Event-Driven Programming. (3 credits)

Computer Science 321: Operating Systems
This course introduces students to the principles of operating system design and to the prevailing techniques for their implementation. Three concrete examples of operating systems are used to illustrate how principles and techniques are deployed in practice. The major topics covered are: Processes: Purpose of the OS, Entities and Functions, Process Management, Creation / Scheduling / Termination, Communication/Synchronization, The OS Kernel. Memory Systems: Hierarchical Organization, Contiguous storage allocation, Single- and multi- programming, Static and Dynamic partitioning, Segmentation, Paging. File Systems: Directory organization, File types and file organization, Consistency and efficiency (e.g. in a network). (3 credits)

Computer Science 325: Distributed Applications
This course examines in detail the software and hardware technologies prevalent in the Internet and provides an introduction to the principles and methods for creating distributed on-line client/server applications that are the basis for electronic commerce as it is conducted over the Internet. Methods and tools such as HTML, the Common Gateway Interface, Java, JavaScript, Active Server Pages, and database connectivity tools are presented. Coverage is also given to emerging standards for information exchange, encryption and validation. (3 credits)

Computer Science 330: Introduction to Mobile Robotics
Mobile robots face an unpredictable, possibly dynamically changing environment and thus provide a challenging design platform. In this course students develop and improve their mechanical, electronics and coding skills using a holistic educational philosophy based on experiential learning and iterative design principles. The course combines lectures, laboratory experimentation and robotics design challenges to guide students into becoming better robotics designers. Topics covered include microcontroller programming using the programming language C, sensor data acquisition, transducer and actuator control. (3 credits)

Computer Science 443 – 444: Capstone Project
This is a set of linked courses to be taken in sequence over the course of the senior year. The course aims to give students the opportunity to work in a guided but independent fashion to explore a substantial problem in depth, making practical use of principles, techniques and methodologies acquired elsewhere in the program of studies. It also aims to give experience of carrying out a large piece of individual work and in producing a final project report. It has two distinct phases: the preparatory phase focusing on literature review, assessment of Technologies and Project Specification and the implementation phase focusing on project design, development, documentation and presentation.

Ecology 110: Ecological Principles
The goal of the course is to introduce students to general ecology. It focuses on major ecological concepts in order to provide students with a robust framework of the discipline upon which they can build. Each discussion is organized around two or four major concepts to present the student with a manageable and memorable synthesis of the lecture and it is supported by case histories that provide evidence for the concept and introduce students to the research approaches used in the various areas of ecology. Special emphasis to local environmental problems countries face. (4 credits)
Mathematics 100: Mathematics for Decision-Making
An introduction to selected areas of mathematics in familiar settings with the objective of developing students' conceptual and problem solving skills. The course includes a study of mathematical concepts selected from graph theory, planning and scheduling techniques, statistics, probability, game theory, growth patterns, coding information, voting systems and apportionment. (3 credits)

Mathematics 101: Elements of Finite Mathematics
This course places an emphasis on the role of functions (coordinate systems, properties, graphs and applications of polynomial, rational, logarithmic and exponential functions), solving systems of linear equations, matrix operations, mathematics of finance, and introductory counting techniques. (3 credits)

Mathematics 115: Calculus
This course covers: rate of change and introduction of the derivative for functions of one variable; applications of the derivative to graphing one-variable functions and to optimization problems; introduction of functions of several variables and partial derivatives; problems of unconstrained and constrained multivariable optimization; applications of differential equations; integration of functions of one variable and applications, and advanced methods of optimization. Emphasis is placed on applications and problem solving through conventional and computer methods. (3 credits)

Nutrition 130: Fundamentals of Human Nutrition
The course explores basic concepts of the science of nutrition. Topics include description and role of nutrients, their dietary sources and their fate into the human body (digestion, absorption etc.); energy balance and weight control; eating disorders; nutrition at different developmental stages (childhood, pregnancy, lactation, old age); nutrition in the development/prevention of human diseases. Emphasis will be given in the use of scientific methodology to explain how nutrients and other food constituents contribute to proper growth, development and health. (4 credits)

Sea Sail 101: Introduction to Sea Sailing
The aim of this course is to provide the basic yachting skills so that successful students will be safety conscious, have a basic knowledge of sailing and be capable of taking a yacht out without an Instructor on board in light to medium winds in protected waters. The course has both theoretical (In-Class) and practical (On-Board) components; with the latter being the largest part of the course. (3 credits)

Statistics 205: Statistics I
This course introduces students to basic statistical concepts and techniques. Each technique is illustrated by examples, which help students to understand not only how the statistical techniques are used, but also why decision-makers need to use them. Topics covered include Frequency Distributions, Statistical Descriptions, Introduction to Probability Theory, Discrete Probability Distributions, Continuous Probability Distributions, Sampling and Sampling Distributions. Emphasis is given to problem solving with the use of statistical software. (3 credits)