



AMERICAN COLLEGE OF THESSALONIKI – SUMMER 2025 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 Summer 2025 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.

Anthropology 215: Methods and Practices of Archaeological excavation

The present course surveys methodological approaches to the investigation and interpretation of past societies with an emphasis on excavation practices. It examines the major frameworks including older and current trends as well as the regional archaeological context in Northern Greece. The in-classroom teaching is complemented by a practicum that provides students with hands-on, excavation and laboratory experience in the study of ancient artefacts and points at the different ways in which such experience can answer major archaeological questions. In short, it aids the reconstruction and understanding of past social, economic, political and ideological realities. Working both in class and at the actual field, students will examine important archaeological evidence from the site of Toumba in the Northern Greek city of Thessaloniki dated from the Bronze Age to Hellenistic times. This five credit course includes three credits for class work and two credits for the excavation practicum. (5 credits)

Art 130: Introduction to Photography, from the analog to digital era

This course introduces students to digital photography and image editing. Students will develop artistic skills in photography through experience in creation, 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. In addition, students will be exposed to key photographic artistic movements. (3 credits)

Art History 220: Ancient Greek Art and Architecture

This course surveys Ancient Greek art and architecture from the Early Iron Age through the Hellenistic period. Following an introduction to the nature of art, its various uses, and approaches to its interpretation, the course will provide a brief historical background for the major periods in Greek art. Each period will then be examined in detail, with particular attention to defining stylistic features, and to examining representative works in each of the genres (sculpture, painting, architecture, minor arts). (3 credits)

Computer Science 115: Introduction to Structured Programming with the C++ programming language

This is an introduction to computing and computer programming using the C++ language. The course is designed for students who have no prior experience in programming, just some basic exposure to computers as users. It is a fast-paced, intensive structured programming course, which can also accommodate students who already know how to program in another language and wish to learn C++. Students are introduced to the basic elements of computing hardware, information technology and computer programming. Programming is explained, demonstrated and practiced using the C++ programming language. Ultimately the course aims to advance beyond basic computing skills, instructing students to develop autonomy as sophisticated computer users and programmers. (3 credits)

Economics 102: Introductory Microeconomics

This course is 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).



Finance 201: Financial Management

This course provides a comprehensive introduction to the field of financial management. Emphasis is given to the examination of the processes and the methodology of financial statement analysis that are to be applied and used as guidelines in assessing, interpreting and planning financial data to meet the objectives of managing a business entity effectively. Topics covered include goals and functions of financial management, short term financial management decisions, financial statement analysis, planning and financial forecasting, and time value of money. (3 credits)

History 232: Thessaloniki: A City and its Inhabitants

Throughout its long history Thessaloniki has been home to many different peoples and cultures. The purpose of this course is to review the history of the city and to focus on the different ethnic communities which have inhabited it, including principally Greeks, Turks, Jews, and Armenians, among others. The course will consider the establishment of the city in Hellenistic times, its Roman and Byzantine periods, the impact of the Ottoman occupation, the coming of the Sephardic Jews, the effects of the Balkan and the two World Wars as well as those of the Holocaust on the city. It will include visits to such important cultural sites as the Archeological Museum, the Museum of Byzantine culture, the Jewish Museum of Thessaloniki, Roman antiquities and Ottoman buildings. (3 credits)

Humanities 120: Understanding Greek life and culture

The course provides an understanding of contemporary Greek life and what it means to be Greek. It does so by examining the practices and creations of Greek culture, as well as by identifying and understanding the main figures of Greek life and the political scene through time. In addition, it develops students' intercultural and communicative competency so that they can interact both locally in Greece and in the global community. Indicative content areas: Modern Greek language (acquisition of effective Modern Greek communication skills for daily use), Greek culture (language, art, cinema, music and customs), the Modern Greek state structure (background, historical development, public administration, and political parties) figures and Institutions, Greece as pluralistic society (the Orthodox church, family, community and values, migration, minorities), national identity (nation-building, ethnicity, and Greeks within Europe, the Balkans and the world). (3 credits)

Mathematics 210: Differential Equations

The purpose of this course is to give a solid introduction to Ordinary Differential Equations, for students entering Science and Engineering fields. This course is a continuation to Calculus II for Science and Engineering where the student has mastered: integration skills of 2D functions, and some applications in physics. This course will cover: First-order differential equations (Linear, separable, and exact .Method of integrating factor), Secondorder linear equations (Homogeneous, non-homogeneous, the Wronskian, method of variation of parameters). The Laplace transformation (Series solutions. Systems of first-order linear equations). Other topics addressed are: Integral curves of solutions, via software (MATLAB, Mathematica, or other), Numerical approximations: Euler's method, The Existence and Uniqueness Theorem, Matrix Algebra. The course emphasizes on skill, conceptualization and some modelling. All three are of great importance. Visualization and analysis via the use of technology is used in lecture and could be addressed in Take-Home Assignments.

Marketing 324: E-Marketing

This course focuses on the key marketing issues in E-Business, comparing marketing concepts in the traditional marketing environment with those employed in E-Business. Topics addressed include Marketing Research on the Web, Personalization/ Online Community, Pricing Online, Customer Support and Online Quality, E-Commerce, Business to Business (B2B) Marketing, Advertising/Brand Building, Web Promotion, and "Virtual Legality" (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)



Psychology 204: Social Psychology

The aim of this course is to develop student's knowledge and understanding of key areas in Social Psychology such as: social thinking (which includes the topics of persuasion; health and well-being in today's societies) and social relations (looking at the topics of aggression, discrimination, liking and helping). Biological, cognitive, emotional and socio-cultural aspects will be discussed while presenting the above key areas. The students will also learn about the related field of Community Psychology and how its main principles and research findings apply to contemporary communities. Finally, research related issues such as ethics and methodologies in Social Psychological research will be covered. By presenting the main concepts, theories, research methods and key studies in Social Psychology, the course aims to help students evaluate the usefulness of the above in today's societies as well as recognise the limits of generalising social psychological research to all gender/ethnic/cultural/age groups. (3 credits)

Psychology 205: Research methods and Statistics

In this course students are given the opportunity to develop an understanding of the research process and familiarize themselves with basic statistical terms and key methodologies and methods in Psychology research. In specific students learn about statistics related concepts (populations, samples, variables). They are introduced to quantitative data analysis and in particular, descriptive statistics where they learn about identification of variables, frequency distributions, measures of central tendency and variability, normal and sampling distribution, hypothesis testing, type I and II errors, t – test for 1 sample and 2 independent samples, Pearson correlation, Chi – square independence test. It is associated with Psychology 101 and Math 101 and other modules that include introduction to research methods and statistics such as Psychology 211. (3 credits)

Psychology 310: Organizational Psychology

Through this course the students will understand in depth the influence and interaction between organizations and the groups and the individuals who lead and work within them and will learn to analyze how these processes shape outcomes related to the use of human capital and to organizational effectiveness. The students will also learn to critically reflect on the roles, behaviors, interactions and outcomes they have had or will have themselves while participating in organizations or institutions. This course will start by presenting the history of organizational psychology and the topics of study and practice for organizational psychologists and will then discuss different structures and cultures of organizations. It will continue by covering various processes unfolding between organizations, groups and individuals (such as leadership, motivation for work, resistance to change, persuasion, team-working, problem solving, conflict/collaboration) and also examine how these processes shape various outcomes related to the performance and wellbeing of groups and individuals and the operation and growth of institutions. Research designs and methodologies in organizational psychology will also be covered. (3 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) Sea Sail 201: Introduction to Racing Sea Sailing This course is aimed at those students who aim at something more intense, vigorous and demanding than a simple cruise, and certainly for all those thrilled by the adrenaline kick once in control of the elements, the sea and the wind! The syllabus involves hours of practice in boat handling, trimming, racing rules and race tactics. All crews participate in the local Sailing Championship of Thessaloniki while also given the opportunity to further participate in significant racing events during the summer such as the Aegean Regatta, The Aegean Rally, The Greek National Offshore Championship and the North Aegean International Sailing Week Cup (3 credits)

**SNCH 300: Exercise Physiology**

The course explores the essentials of Exercise Physiology and the applications on Health and Human Performance. Topics include Systems of Energy delivery and Utilization, Aerobic and Anaerobic metabolism, the Cardiovascular system, the Pulmonary system, Skeletal muscle structure and function, Neural Control of Human movement, the endocrine system, Enhancement of energy capacity, Training principles for Conditioning and Performance, Physical Activity for Health, Aging Chronic diseases and Longevity. Emphasis will be given in the use of scientific methodology to develop a deep understanding of the interrelationship among Exercise Physiology and Exercise Prescription. (4 credits).

SNCN 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).