

Teachur
Associate of Arts
Degree
2018

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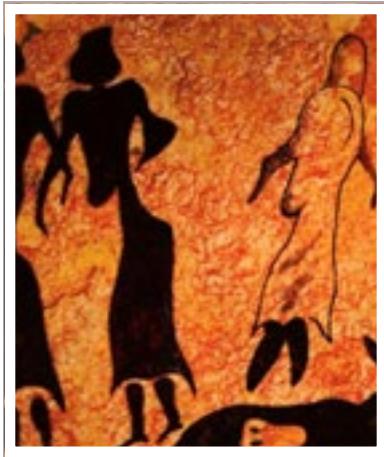
[Intro to Sociology](#)



A.A. General Studies

60 credit hours | Sept 2017

The Associate of Arts offers a balanced investigation into different fields of study: Humanities, Science, Social Science, Computers and Technology, Business and Finance, and the Arts. In order to earn a Bachelor degree, a student must complete the Associate of Arts degree in addition to any major-specific required courses--it is the General Education requirement.



Anthropology

Credit Hours 3 | Level 100

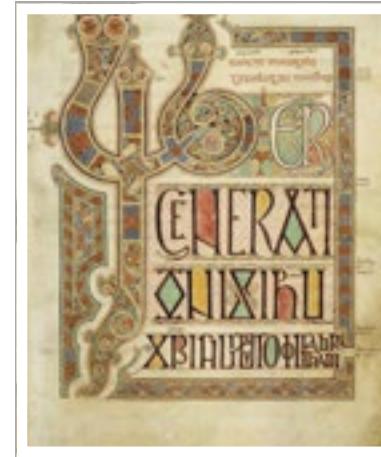
The course begins with a basis in evolutionary theory and human variation. With this foundation, we will explore primate behavior and the fossil record to develop a better understanding of human evolution. We will discuss the archaeological record of early civilizations, the origins and use of language,

and the concept of culture in the development of human societies, both extinct and extant. This class will also highlight the epistemological development of the field of anthropology and how religion, culture, and the scientific process pertains to the discipline of anthropology.

Course Goals

- Explain the scope of anthropology and define the four major sub-disciplines (biological or physical anthropology, archaeology, sociocultural anthropology, and linguistic anthropology) according to their methods and types of data produced.
- -Discuss what it means to
- -Make anthropology relevant to your personal life by identifying personal biases and applying the concept that all cultures are equally valid and must be understood in their own terms.
- -Using an anthropological approach, discuss examples of human variation and cultural diversity through time and space.

be human by integrating evidence from the four major sub-disciplines of anthropology.



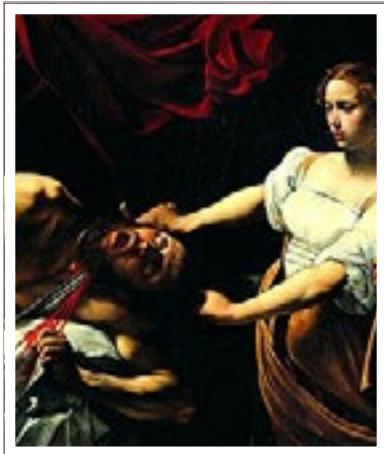
Art From Prehistory Through Middle Ages

Credit Hours 3 | Level 100

This course covers the major developments in Western art from the Prehistoric through the Gothic period. A variety of art forms, such as painting, sculpture, architecture and the minor arts will be explored. An understanding

of artistic terms and process will be developed within the frame work of a chronological survey.

COURSE COMING SOON



Art Appreciation

Credit Hours 3 | Level 100

This is an exploration of visual art forms and their cultural connections for the student with little experience in the visual arts. The course includes a brief study of art history and in depth studies of the elements, media, and methods used in creative process and thought. Visual and performing arts are part of

the Humanities: academic disciplines that study the human condition and include the languages, literature, law, history and religion.

This course will teach students to develop a five-step system for understanding visual art in all forms based on description, analysis, meaning, context and judgment.

COURSE COMING SOON



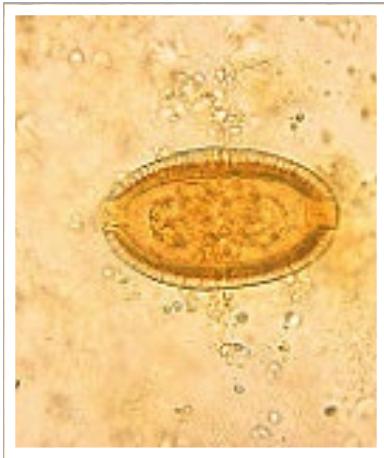
Astronomy

Credit Hours 3 | Level 100

This course provides an introduction to the universe beyond the Earth. We begin with a study of the night sky and the history of the science of astronomy. We then explore the various objects seen in the cosmos including the solar system, stars, galax-

ies, and the evolution of the universe itself.

COURSE COMING SOON



Introduction to Molecular and Cellular Biology

Credit Hours 3 | Level 100

This course is a detailed introduction to molecular biology, including proteins, carbohydrates, lipids, and nucleic acids; water; and other compounds that make up the cell. There is a particular em-

phasis on the cell membrane, cellular metabolism, mitosis and meiosis, transcription and translation, and genetics and gene expression.

Course Goals

- Relate biological concepts to daily living.
- Characterize biological principles common to all organisms.
- Explain the significance of biological principles to other fields of study.
- Demonstrate skills in using laboratory equipment.
- Apply and evaluate application of the scientific method.

- Transfer and apply your biological knowledge to solve problems in different settings.
- Explain how matter and energy are stored and transformed by living systems.
- Explain how information is stored, copied, transferred, and expressed in biological systems.
- Describe the structure and function of biological macromolecules.
- Describe the structure and function of cellular components.



Biology

Credit Hours 3 | Level 100

This course will introduce you to a general overview of the biological world. Important concepts will be reinforced and expanded upon through completion of weekly laboratory activities and homework assignments. Upon successful conclusion of the course, students will be able to describe the nature of

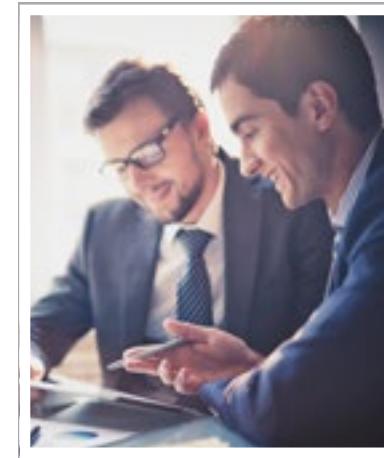
science, including its methods and limitations, and to use the scientific method in everyday situations and in laboratory or field investigations. Students will gain a firm grasp on characteristics of living organisms, and important theories in the biological sciences, including how hereditary information is passed on, and evolution by natural selection

Course Goals

- Define and describe the nature of biology.
- Identify and describe the steps of the scientific method.
- Apply the scientific method to study everyday situations as well as laboratory and field investigations.
- Identify and describe the characteristics common to all living things.
- Define an element. Identify the structural components of elements and explain, with examples, how elements combine to form molecules and macromolecules commonly found within cells.
- Identify and describe the basic structural components of cells. Compare and contrast the structural and functional characteristics of prokaryotic and eukaryotic cells.

(Cont'd)

- Define photosynthesis and cellular respiration and explain why both are essential for life on earth. Compare and contrast the reactants and products associated with each of these reactions.
- Define metabolism and explain the relationship between nutrient intake, energy storage, and cellular respiration.
- Describe the structure and function of DNA. Describe how DNA is used by all living organisms to guide all cellular functions.
- Describe the process of cellular reproduction. Explain how mistakes in this process can result in genetic mutations which can alter cell function.
- Identify and explain the basic principles of Mendelian genetics and inheritance.
- Explain and describe, with examples, the diversity of life, at different levels (basic molecular to ecological) and how it is hierarchically organized into systems.
- Define evolution and natural selection. Explain how evolution by natural selection occurs and describe the evidence that supports the theory of evolution.
- Define ecology. Compare and contrast the following areas of ecological study: population ecology, community interaction, and ecosystem ecology.
- Think critically and correctly utilize common biological terms and concepts to explain everyday events and make more informed decisions.
- Develop and demonstrate basic lab skills through the collection, synthesis, and analysis of data (including creation of graphs from data and correct interpretation of graphed data).
- Develop basic research skills to locate and evaluate information presented online and in the media to determine if the information is “scientific and credible”.



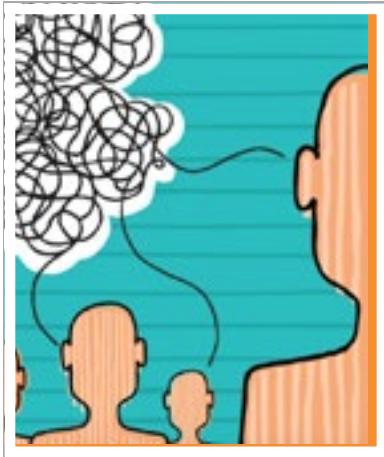
Introduction to Business

Credit Hours 3 | Level 100

This course is designed as a survey course that will expose you to business terminology, concepts, and current business issues. The intent is to develop a viable business vocabulary, foster critical and analytical thinking, and

refine your business decision-making skills. These skills will be acquired by the reading materials, exercises, and research assignments in this course that simulate the workplace today. By delving into the five units of this course, you will be able to fine tune your direction and choice of career in business.

COURSE COMING SOON



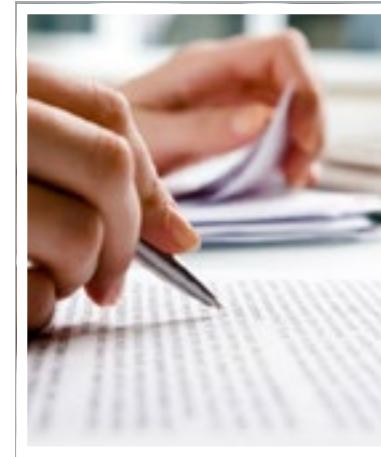
Intro to Communication

Credit Hours 3 | Level 100

Assists students in developing real world oral communication skills. Capture the dynamics of today's business realities and see the benefits of effective communication. Selection of topics, library research, analysis, oral style, use of visual aids, and preparation and de-

livery of various types of speeches and oral presentations are included. The Internet, e-mail, community interaction, and other practical tools support student learning and increase public speaking skills. Prerequisite: College-level reading and writing skills.

COURSE COMING SOON



English Composition

Credit Hours 3 | Level 100

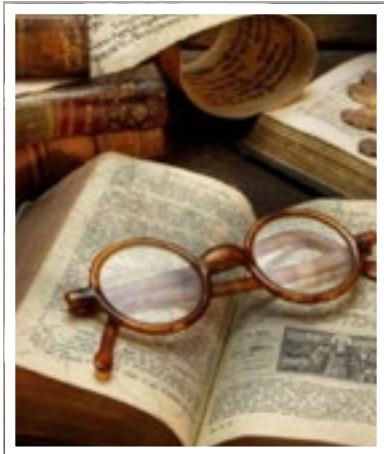
No matter what career you pursue, you must be able to communicate effectively and clearly if you want to be successful. This course will enhance your ability to do so by sharpening your critical thinking and writing skills. We will begin with a unit designed to change the way in which you think about writing. First,

you will learn to think of writing not as a solitary act but as a conversation between yourself and an audience.

Course Goals

- Demonstrate mastery of the principles of grammar, usage, mechanics, and sentence structure.
- Identify the thesis statement in an essay.
- Develop a thesis statement, structure it in an introductory paragraph, and support it with the body of the essay.
- -Organize ideas logically within an essay and employ adequate transitional devices
- Differentiate between rhetorical strategies and write with an awareness of rhetorical technique and audience.
- Differentiate between tones and write with an awareness of how tone affects the audience's experience.
- Demonstrate critical and analytical thinking for reading and writing purposes.
- Quote, paraphrase, and document the work of others.
- Write sentences that vary in length and structure.

to ensure coherence, flow, and focus.



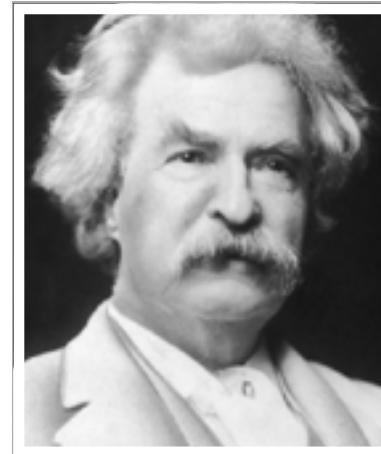
Intro to Literature

Credit Hours 3 | Level 300-400

Intro to Literature explores ways that writers portray human experience in their short stories, poems and plays. Through lectures and creative responses, students will gain a deeper understanding and appreciation of literary works. Because the study of literature has been closely entwined with literary

theory in recent decades, and because I find that introduction to literary theory provides students with practical critical thinking tools for textual analysis, I have added the following goal for this course: Students will develop and express personal analytic responses to a variety of works of literature, paying special attention to the ways that literary works are crafted and also to the ways that readers' interpretations of literary works are subject to their perspectives and/or various theoretical frameworks.

COURSE COMING SOON



American Literature

Credit Hours 3 | Level 300-400

In this class we will practice skills in reading, analyzing, and writing about fiction, poetry and drama from a select sampling of 20th Century American Literature. Through close reading, and extensive writing practice, this course seeks to develop critical and analytical skills, preparing students for more advanced academic work.

COURSE COMING SOON



Keys to College Success

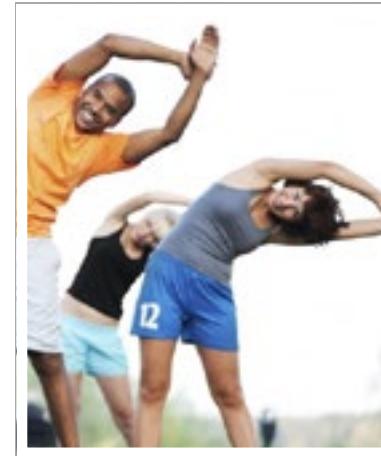
Credit Hours 3 | Level 100

This course is designed to prepare college students for the expectations of academic life. It aims to equip students with the tools needed to make their college experience a successful one. The course will cover everything from test taking skills to creating a

resume. Though the text is oriented to a student in a conventional university setting, the expectations are typically similar or the same for students on the Teachur platform. This course also highlights how to navigate and make the most of your studies on Teachur.

Course Goals

- Establish general goals to help narrow down an academic path.
- -Identify effective organizational skills for studying.
- -Identify the value and principle of time management and define strategies that work for you.
- -Identify the best conditions and processes for learning.
- Identify tools and skills to help improve academic writing.
- Demonstrate effective listening skills, note-taking, and how to get the most out of audio learning.
- Evaluate strategies that will allow you to improve your memory and retention abilities and how this aids in academic learning.
- Examine methods of test preparation, and explore strategies for coping with anxiety.
- Identify educational diversity as well as strategies to improve personal wellness and stress management.



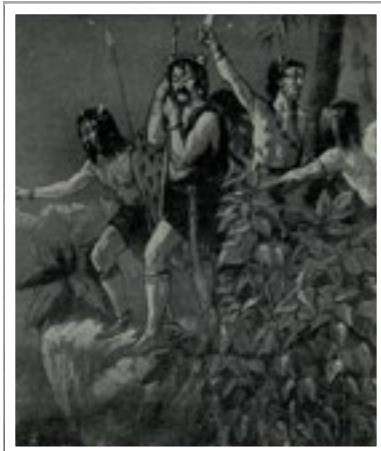
Health

Credit Hours 3 | Level 200

Exploration of the connection between personal choices and health across multiple dimensions of wellness. Personalized behavior change strategies to advance health will be developed.

Course Goals

- Demonstrate progress toward healthy behavior.
- Evaluate current wellness priorities in multiple wellness dimensions.
- Analyze the connection between personal choices and health.
- Develop healthy behavior change strategies.
- Incorporate practices and habits that advance personal health.
- Evaluate credibility of health related information in a variety of contexts.



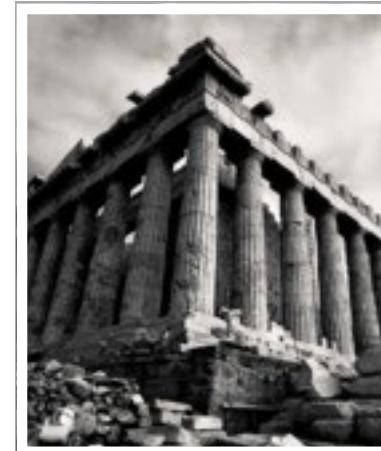
World History in the Early Modern and Modern Eras (1600 - Present)

Credit Hours 3 | Level 200

This course will present a comparative overview of world history from the 17th century to the present era. You will examine the origins of major economic,

political, social, cultural, and technological trends of the past 400 years and explore the impact of these trends on world societies. This course will be structured chronologically and thematically, with each unit focusing on a significant historical subject. The units will include representative primary-source documents and images that illustrate important overarching themes, such as the emergence of modern nation-states, the economic and technological interactions between Western and non-Western peoples, the changing social and cultural perceptions about religion and the state, and the development of physical and virtual networks of information exchange.

COURSE COMING SOON

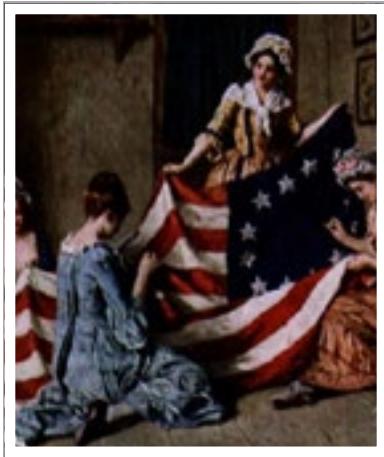


Western Civilization

Credit Hours 3 | Level 200

This course covers the period from “early civilized man to the early Middle Ages of Europe, with emphasis on Greece, Rome, Egypt and other Mediterranean peoples.

COURSE COMING SOON



COURSE COMING SOON

US History 1

Credit Hours 3 | Level 300-400

The first in the introductory surveys of U.S. history. After exploring North America before the arrival of Europeans, we study the early interactions of Europeans with indigenous peoples and as the course progresses confine our study to the history of peoples in the area now defined by the United States' borders



COURSE COMING SOON

US History 2

Credit Hours 3 | Level 300-400

The second in the introductory surveys of U.S. history. We begin in that decade when the United States in three years (1845-48) grew by 50 percent. Through the Civil War to the 20th century, we explore how different people experienced the transformation of the country into an industrial nation and emerging world power.



US History 3

Credit Hours 3 | Level 200

This course “surveys the significant forces and people that have shaped American civilization from the Progressive Era to the present.” Thus we begin at the start of the 20th century and we explore how different people, including you, participated in the nation’s transformation through that century

until today. Those who would like to pursue their study of American history may wish to take US History I and US History II.

COURSE COMING SOON



Introduction to Mathematical Reasoning

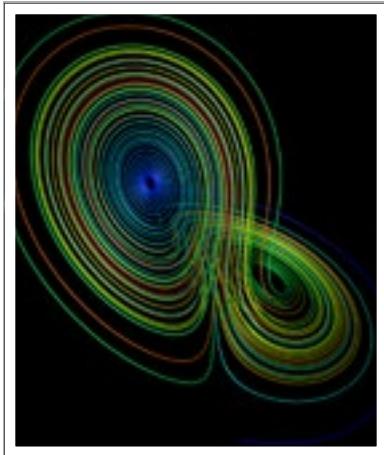
Credit Hours 3 | Level 200

The main purpose of this course is to bridge the gap between introductory mathematics courses in algebra, linear algebra, and calculus on one hand and advanced courses like mathematical analysis and abstract algebra, on the

other hand, which typically require students to provide proofs of propositions and theorems. Another purpose is to pose interesting problems that require you to learn how to manipulate the fundamental objects of mathematics: sets, functions, sequences, and relations.

Course Goals

- Read and dissect proofs of elementary propositions related to discrete mathematical objects such as integers, finite sets, graphs and relations, and functions.
- Translate verbal statements into symbolic ones by using the elements of mathematical logic.
- Determine when a proposed mathematical argument is logically correct.
- Determine when a compound sentence is a tautology, a contradiction, or a contingency.
- Solve problems related to place value, divisors, and remainders.
- Use modular arithmetic to solve various equations, including quadratic equations in Z_6 , Z_7 , Z_{11} and Diophantine equations.
- Prove and use the salient characteristics of the rational, irrational, and real number systems to verify properties of various number systems.



College Algebra

Credit Hours 3 | Level 100

In this course, you will study basic algebraic operations and concepts, as well as the structure and use of algebra. This includes solving algebraic equations, factoring algebraic expressions, working with rational expressions, and graphing linear equations. You will apply these skills to solve real-world problems (word problems). Each unit

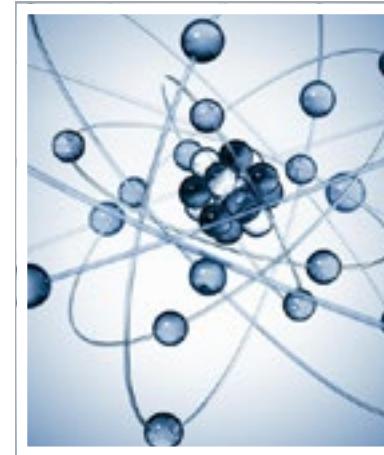
will have its own application problems, depending on the concepts you have been exposed to. This course is also intended to provide you with a strong foundation for intermediate algebra and beyond. It will begin with a review of some math concepts formed in pre-algebra, such as ordering operations and simplifying simple algebraic expressions, to get your feet wet. You will then build on these concepts by learning more about functions, graphing of functions, evaluation of functions, and factorization. You will spend time on the rules of exponents and their applications in distribution of multiplication over addition/subtraction.

Course Goals

- Simplify and solve linear equations and expressions, including problems with absolute

values and applications.

- Solve linear inequalities, find equations of lines, and solve application problems.
- Add, subtract, multiply, and divide various types of polynomials.
- Factor polynomials, and simplify square roots.
- Evaluate, simplify, multiply, divide, add, and subtract rational expressions.
- Solve basic applications of rational expressions.
- Evaluate exponential and logarithmic functions



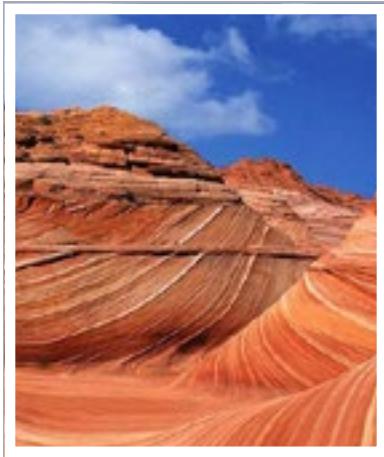
Physics

Credit Hours 3 | Level 100

A course for non-science majors that is a survey of the central concepts in physics relating everyday experiences with the principles and laws in physics on a conceptual level.

Course Goals

- Explain the 'Greek method' of conducting scientific investigations and explain how the 'Modern Science' using the Scientific Method allows for objective investigations.
 - Identify, interpret, graph and explain three mathematical proportionalities fundamental to the study of physics.
 - Analyze basic principles of motion using Newton's laws of motion and gravity.
 - Define energy and distinguish between the different kinds of energy.
 - Summarize the law of conservation of energy and explain
- it's importance as the fundamental principle of energy.
 - Define the relationship between work energy and power. Apply to the basic operation of simple machines.
 - Define and articulate the laws of thermodynamics.
 - Describe physical aspects of waves and wave motion.
 - Explain the production of electromagnetic waves, and distinguish between the different parts of the electromagnetic spectrum.
 - Summarize the postulates of Einstein's theories of relativity.



of the planet and its life forms. The study of geology also shows us how human behavior affects the earth. Topics we will cover include plate tectonics, earthquakes, volcanoes, rocks, minerals, geologic time, glaciers, rivers, geologic structures, layers of the earth, and reading maps.

COURSE COMING SOON

Intro to Physical Geology

Credit Hours 3 | Level 100

Geology is a core science, along with physics, chemistry, and biology. It uses rigorous methods of inquiry that illuminate the history of the earth and its present-day geological activity. Geology allows us to discover how earth's history and activity determine the state



all of these bring about policy, both domestic and foreign. In other words, the course is about what government does about issues, how and why. We will also look at political theory, ideologies, types of regimes and what makes a successful or legitimate government or state.

COURSE COMING SOON

Intro to Political Science

Credit Hours 3 | Level 100

This is a survey introducing the main foundations and workings of government and political systems. This will include constitutions and branches of government, elections, public opinion and media, political parties and interest groups, political economy and how



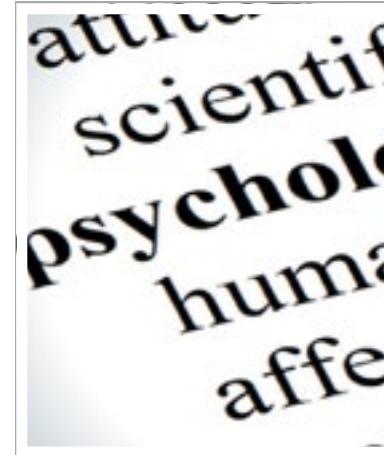
American Government

Credit Hours 3 | Level 100

This course covers American Government: the Constitution, the branches of government (Presidency, Congress, Judiciary) and how politics works: elections, voting, parties, campaigning, policy making. In addition we'll look at how the media, interest groups, public

opinion polls and political self-identification (are you liberal or conservative, Democrat or Republican or something else?) impact politics and political choices. We'll also cover the basics in economic, social and foreign policy and bring in current issues and show how they illustrate the process.

COURSE COMING SOON



Introduction to Psychology

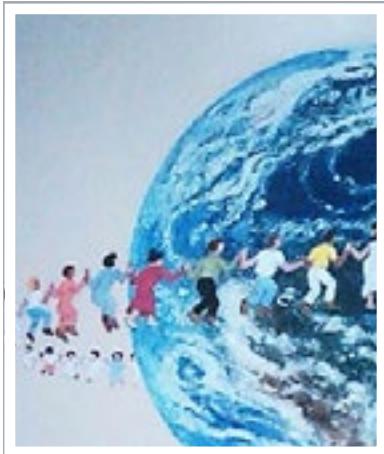
Credit Hours 3 | Level 100

This course will introduce you to the fundamental principles of psychology and to the major subjects of psychological inquiry. It has been designed to not only provide you with the tools necessary for the study of psychology but to present you with a sampling of the ma-

major areas of psychology research. The course begins with a short overview of how psychology developed as an academic discipline and an introduction to a number of the principle methodologies most commonly deployed in its study. The subsequent units are arranged around broad areas of research, including emotion, development, memory, and psychopathology. We will focus on well-substantiated research and current trends within each of these categories.

Course Goals

- Demonstrate an understanding of the general history of the field of psychology.
- -Explain the nature versus nurture argument and the current status of thinking regarding gene-environment interaction.
- -Identify the basic components and mechanisms of the major biological systems often studied in psychology.
- Demonstrate an understanding of the basic findings within a variety of areas of psychology, including: sensation and perception, learning and memory, emotion, development, social psychology, and psychopathology.
- Identify the steps of the scientific method and explain how this method applies to psychological research methodology and statistical analyses.



Intro to Sociology

Credit Hours 3 | Level 100

Sociology is the study of social groups, structures, processes, institutions, and events. This course will focus on understanding and applying the sociological perspective, which stresses the importance of the impact of social forces external to the individual in shaping people's lives and experiences. This

idea that we are all profoundly affected by the society in which we live is the guiding light of sociology. Sociologists also study the ways in which people, as they interact, shape their social systems. Topics studied will include socialization, social interaction, culture, groups, social structure, deviance, social inequality, social class, race, gender, institutions (political, economic, educational, family, and religious), collective behavior and social change. Students will be asked to learn the basic concepts, theories, and perspectives of sociology, to see how these operate in terms of social processes, structures, and events, and to apply this knowledge to better understand the social world.

COURSE COMING SOON

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