APE 536  Adapted Physical Education  
Units: .5 OR 1.0  Hours: 1.5 OR 3.0 Laboratory  
Transferable: No  
An individualized program of adaptive physical education activities designed to meet the needs of students with physical disabilities. Develops an appreciation of physical activity as a regular planned contribution to one’s physical well-being. May be repeated as necessary based on measurable progress as documented in the student’s educational contract. This is a pass/no pass course. Previously known as PE 536.

APE 538  Adapted Cardiovascular Conditioning & Training  
Units: .5 OR 1.0  Hours: 1.5 OR 3.0 Laboratory  
Transferable: No  
An individualized program of adapted exercises in weight training, stretching and cardiovascular conditioning for those individuals who have been disabled through stroke, cardiovascular accident, arthritis, multiple sclerosis, or other condition. May be repeated as necessary based on measurable progress as documented in the student’s educational contract. This is a pass/no pass course. Previously known as PE 538.

ATH 42  Football  
Units: 2.0  Hours: 10.0 Laboratory  
Transferable: CSU, UC, CSU-GE:E1; GAV-GE:E1  
This course provides practice and competition in intercollegiate football. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass.

ATH 43  Soccer  
Units: 2.0  Hours: 10.0 Laboratory  
Transferable: CSU, UC, CSU-GE:E1; GAV-GE:E1  
This course provides practice and competition in intercollegiate soccer. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass.

ATH 45  Softball  
Units: 2.0  Hours: 10.0 Laboratory  
Transferable: CSU, UC, CSU-GE:E1; GAV-GE:E1  
This course provides practice and competition in intercollegiate softball for women. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass.

ATH 46  Volleyball  
Units: 2.0  Hours: 10.0 Laboratory  
Transferable: CSU, UC, CSU-GE:E1; GAV-GE:E1  
This course provides practice and competition in intercollegiate volleyball for women. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass.

ATH 47  Softball  
Units: 2.0  Hours: 10.0 Laboratory  
Transferable: CSU, UC, CSU-GE:E1; GAV-GE:E1  
This course provides practice and competition in intercollegiate softball. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass.

PSCI 1  Principles of Physical Science  
Units: 3.0  Hours: 3.0 Lecture  
Transferable: CSU, UC, CSU-GE:B1, B3, IGETC:5A; GAV-GE:B1  
An introduction to the physical sciences for the non-science major. Attention is focused on fundamental laws of nature, their development and relation to the physical world. ADVISORY: Mathematics 205 and eligible for English 250 and 260.

PSCI 2  Introduction to Meteorology  
Units: 3.0  Hours: 3.0 Lecture  
Transferable: CSU, UC, CSU-GE:B1, B3, IGETC:5A; GAV-GE:B1  
An introductory course in Meteorology that is both descriptive and analytical on the physical principles affecting the earth's weather. Topics covered include the nature of the atmosphere, solar energy, heat, temperature, pressure, stability, moisture, wind, storms, severe weather and forecasting. The course introduces climatology as a scientific study and will look at the earth's climatic history, current research in climate modeling and the possibility of global climate change. ADVISORY: MATH 205.

PHYS 1  Introduction to Physics  
Units: 4.0  Hours: 3.0 Lecture, 3.0 Laboratory  
Transferable: CSU, UC, CSU-GE:B1, B3, IGETC:5A; GAV-GE:B1, B3  
This course is an introduction to the fundamental physical principles that control the world around us. Students will explore the fundamental principles of physics, their historical development, their application to everyday phenomena, and their impact upon political, social, and environmental issues. Laboratory exercises will explore the everyday world. ADVISORY: Mathematics 205.

PHYS 2A  General Physics  
Units: 4.0  Hours: 3.0 Lecture, 3.0 Laboratory  
Transferable: CSU, UC, CSU-GE:B1, B3, IGETC:5A; GAV-GE:B1, B3, CAN:PHYS2, PHYS SEQ A  
An introduction to the principles of physics using algebra and trigonometry. Topics include kinematics in one and two dimensions, vectors, equilibrium and non-equilibrium applications of Newton’s Laws, work and energy, momentum, rotational kinematics and dynamics, simple harmonic motion, elasticity, thermal physics, thermodynamics, and waves. PREREQUISITE: MATH 8A or MATH 9. ADVISORY: Eligible for English 250 and English 260.

PHYS 2B  General Physics  
Units: 4.0  Hours: 3.0 Lecture, 3.0 Laboratory  
Transferable: CSU, UC, CSU-GE:B1, B3, IGETC:5A; GAV-GE:B1, B3, CAN:PHYS4, PHYS SEQ A  
An introduction to the principles of physics using algebra and trigonometry. Topics include electricity and magnetism, light and optics, modern physics, and an introduction to relativity. PREREQUISITE: Physics 2A ADVISORY: Eligible for English 250 and English 260.

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COURSE OFFERINGS

PHYS 4A  Physics for Scientists and Engineers - Mechanics/Fluids/Wave
Units: 4.0  Hours: 4.0 Lecture 2.0 Laboratory
Transferable: CSU, UC; CSU-GE:B1, B3, IGETC:5A; GAV-GE:B1, B3; CAN: PHYS SEQ B
An introduction to the principles of physics using calculus. Topics include kinematics in one, two and three dimensions, vectors, equilibrium and non-equilibrium applications of Newton’s Laws, work and energy, momentum, systems of particles, rotational kinematics and dynamics, simple harmonic motion, elasticity, and waves. PREREQUISITE: Physics 2A and Mathematics 1A
ADVISORY: Eligible for English 250 and English 260.

PHYS 4B  Physics for Sci/Engr--Electromagnetism
Units: 4.0  Hours: 4.0 Lecture 2.0 Laboratory
Transferable: CSU, UC; CSU-GE:B1, B3, IGETC:5A; GAV-GE:B1, B3; CAN: PHYS SEQ B
Fundamental principles of electricity and electromagnetism. Electric and magnetic fields, AC/DC circuits, Maxwell’s equations, and electromagnetic waves. Students gain experience in the application of computers in science. PREREQUISITE: Physics 4A ADVISORY: Mathematics 1B

PHYS 4C  Physics for Sci/Engr--Thermodynamics/Optics/ Modern Physics
Units: 4.0  Hours: 3.0 Lecture 3.0 Laboratory
Transferable: CSU, UC; CSU-GE:B1, B3, IGETC:5A; GAV-GE:B1, B3; CAN: PHYS SEQ B
An introduction to the principles of physics using calculus. Topics include light, optics, interference, diffraction, thermal energy, the Laws of Thermodynamics, the kinetic theory of gases, and an introduction to relativity and modern physics. PREREQUISITE: Physics 4A

POLITICAL SCIENCE

POLITICAL SCIENCE

POLS 1  Introduction to American Government
Units: 3.0  Hours: 3.0 Lecture
Transferable: CSU, UC; CSU-GE:D8, IGETC:4H; GAV-GE:D1, D2; CAN:GOVT2
Explores the development of American political institutions and their utilization in dealing with issues arising at the international, national and state levels. Emphasis is placed on those problems which have defined our federal system of government. California government and appropriate state institutions will be included as a vital part of our federal system of government. ADVISORY: Eligible for English 250 and English 260.

POLS 3  Introduction to Comparative Politics
Units: 3.0  Hours: 3.0 Lecture
Transferable: CSU, UC; CSU-GE:D8, IGETC:4H; GAV-GE:D2, F
Comparative survey of political institutions and processes around the globe. Selected nations may include, but are not restricted to: the United Kingdom, France, Germany, Japan, Russia, India, Nigeria, and Mexico. ADVISORY: Eligible for English 250 and English 260.

POLS 4  Introduction to International Relations
Units: 3.0  Hours: 3.0 Lecture
Transferable: CSU, UC; CSU-GE:D8, IGETC:4H; GAV-GE:D2, F
This course provides an introduction to key contemporary international problems and the means to analyze them. Major parts of the course cover such topics as war and peace, foreign policymaking, the international economy, and future trends in world politics.

POLS 6  Introduction to Conflict Resolution
Units: 3.0  Hours: 3.0 Lecture
Transferable: CSU, UC; CSU-GE:D7, GAV-GE:D2
Introduction to Conflict Resolution introduces students to conflict resolution and mediation. Integrating theory and practice, students will assess core concepts about the causes and resolution of conflict, and will practice communication skills for conflict resolution. Students will examine how ethnicity, gender, and class affect power in conflict situations. They will be able to formulate appropriate conflict resolution strategies, and will develop and practice various basic co-mediation skills. This course has the option of a letter grade or pass/no pass. This course is also listed as AJ 6 and PSYG 6 and CMUN 6. ADVISORY: English 250 and English 260.

POLS 8  Field Work in Politics
Units: 1.0 TO 6.0  Hours:
Transferable: CSU
An intern program in practical politics and government administration offering students an opportunity to learn by doing. Interns are placed in the offices of public officials, government agencies, or political campaigns on the local, state and national levels. This is a pass/no pass course. ADVISORY: Consent of instructor. This is essential due to the necessity of screening intern applicants; completion of Political Science 1 or Political Science 3.

POLS 12  Introduction to Political Thought
Units: 3.0  Hours: 3.0 Lecture
Transferable: CSU, UC; CSU-GE:D8, IGETC:4H; GAV-GE:D2
This course provides students with an introduction to and grounding in classical and modern political thought. Students will be introduced to theorists such as Plato, Aristotle, Machiavelli, and Marx. Students will also examine such timeless questions as: “What is justice?” “What is the good life?” and “What is power?” among others. This course is also listed as PHIL 12. Previously POLS 2.

POLS 27  Contemporary Leadership
Units: 2.0 TO 4.0  Hours: 1.5 TO 3.0 Lecture, 1.5 TO 3.0 Laboratory
Transferable: CSU; GAV-GE:E2
A cross-disciplinary approach to the theory and practice of leadership. Includes effective communication styles including issues related to gender and culture. Class includes topics on ethics, power, and how to run effective meetings including the use of parliamentary procedure. Skills directly applicable to work, personal and college environments. May be repeated for a maximum of 10 units. Also listed as PSYC 27. ADVISORY: Eligible for English 250 and English 260.

POLS 299  U. S. Government
Units: 3.0  Hours: 2.2 Lecture 2.3 Laboratory
Transferable: No
This course is to prepare students to function effectively as responsible citizens in our democracy. Topics include the basic structure and functions of the state and federal government, civil rights, political parties, elections, and contemporary issues. Community service activities are required.

PSYCHOLOGY

PSYCHOLOGY

PSYC 1A  Introduction to Psychology
Units: 3.0  Hours: 3.0 Lecture
Transferable: CSU, UC; CSU-GE:D9, IGETC:4I; GAV-GE:D2, CAN:PSY2
The nature, scope, methods, presuppositions, history, and fields of psychology together with the scientific study of factors influencing human behavior, human development, perception, learning, memory, emotion, personality, frustration, and psychotherapy. ADVISORY: Eligible for English 250 and English 260.

PSYC 1B  Introduction to Psychology
Units: 3.0  Hours: 3.0 Lecture
Transferable: CSU, UC; CSU-GE:D9, IGETC:4I; GAV-GE:D2
Continuation of Psychology 1A. This course stresses the basic biological basis of behavior including: neuroanatomy, the senses, perception, learning, thinking, and psychological disorders. PREREQUISITE: Completion of Psychology 1A with a grade of ‘C’ or better.

PSYC 2  Early Child Development
Units: 3.0  Hours: 3.0 Lecture
Transferable: CSU, UC; CSU-GE:D9, E, IGETC:4I; GAV-GE:D2
A systematic study of the child from prenatal life through the preschool years. The course integrates the basic concepts of physical, cognitive and psychosocial development at each major stage of life during this period. This course is also listed as CD 2. This course has the option of a letter grade or pass/no pass. ADVISORY: Eligible for English 250 and English 260.