

CAREER & COMMUNITY STUDIES: **TCNJ COURSE CATALOGUE**

Updated Fall 2011

School of the Arts & Communication

ART

AAE 350: Orientation to Art Therapy
This course introduces the field of art therapy, its relationship to psychotherapy, the role and function of the art therapist and professional standards.
AAH 150: Art History I from Caves to Cathedrals
An introduction to the history of art through the examination of major monuments of western architecture, painting, sculpture, and minor arts from prehistoric times to the beginning of the Renaissance. Emphasis is placed on art created for or by the dominant cultural centers of civilizations falling within this timeframe.
ADA 180: Digital Arts—Imaging I*
Prerequisites: AFA 111 & AFA 113 This course is a guided studio experience in digital art with emphasis on 2D digital imaging. Investigations include the creative possibilities of graphics and contemporary background of computers and digital arts. Students will use computer imaging and illustration to convey artistic concepts and personal observations pertaining to defined themes. Prior experience with the computer is not required. Extra lab hours outside of class meeting times will be required to complete assignments.
AFA 101: Experiencing Art
Three four-week modules that explore different media and different goals in the process of making and looking at art: 1) two dimensional; 2) three dimensional; and 3) digital imaging. The curriculum will be introductory in nature, offering a conceptual explanation of and hands-on experience with fundamental concerns of understanding and creating works of art. Students will be rotated through the different modules. In each module, they will be presented with a theoretical context and receive instruction and practice in each.
AFA 111: Drawing I
The purpose of the course is to cultivate the student's ability to express ideas visually and to develop confidence in drawing a variety of subjects with diverse materials. Exercises cultivate skill in determining composition, rendering geometric shapes, depicting perspective and three dimensional illusion, fashioning light, shade, proportion, scale, surface and textures as well as arranging still life composition. Field trip(s) required.
AFA 113: Color Theory/2D Design
This course provides essential concepts and skills necessary to function as a visual artist (graphic designer, digital artist or traditional fine artist). Strong emphasis is placed on the visual component of art; how to apply the elements of art (line, shape, color, texture and space) in order to accomplish one's subjective goal. Color, as a visual element, is singled out in this course because of its complexity, importance in our visual environment, and the limited knowledge entering students have regarding the subject.

VPA 101: Integrated Visual & Performing Arts

Arts, Creative Movement/Dance, Music, and Drama. Each three-week module will interpret the same literary work (e.g., a folk tale, an evocative piece of poetry, an imaginative short story, a humorous children's book) through a specific art form. The first week of the course will be a common experience for each of the four sections, during which time students will analyze the chosen work of literature as a subject for a performance piece incorporating drama, dance, visual arts and music. Students will develop a common vocabulary, an understanding of the historical and cultural contexts that influence the arts, and an appreciation for the creative process. During the last week students will create a culminating performance to be presented to all 4 sections. Students will be required to meet during their 4th hour each week to develop their culminating performance. Each module will be taught by a practicing artist and the four modules offered each semester will be guided by an artistic director who will be one of the four instructors.

COMMUNICATION STUDIES

COM 176: Make-Up for Performance*

A practical study of the theory, design, and application of makeup for stage, film, and television. Two-dimensional (paint) and three-dimensional makeup, wigs, and beards. Course work may be coordinated with production activity. Each student is required to purchase a makeup kit.

COM 212: Introduction to Television Studio

An introduction to the basic concepts and techniques of multi-camera studio production including fundamentals of camera operation, video control, audio, lighting, pre-production preparation, and directing.

COM 255: Acting for Stage & Screen

The role of the actor in the interpretation of dramatic and narrative texts adapted for camera performance. Course work culminates in preparation of individual "audition" tapes. May be repeated once for credit with departmental consent.

COM 269: Introduction to Radio & Audio Production*

Provides an understanding of broadcast methods. Lab projects are used to practice skills in announcing, newscasting, radio production, and other broadcasting techniques. Students participate in correlated activities with WTSR-FM Radio.

COM 271: Film & Society*

A critical/analytical study of the social impact of the cinema. Review of the systems which bear upon the filmmaker, the social contexts within which films are presented and interpreted, and the societal impact and function of the cinema. Emphasis will be placed on cinematic work which falls outside the mainstream.

COM 310: Theories of Persuasion***Prerequisite: COM 103**

A mix of rhetorical and social science perspectives on the art and science of persuasion. Topics include classic models and theories, source credibility, message design, visual persuasion, and compliance gaining strategies in politics, advertising and health campaigns.

COM 345: New Media & Health Communications

The seminar explores the roles and effects of new media and emerging technologies in health communication, and intends to forecast the future of new media applications in health communication. Students completing this course should be able to draw out theoretical and practical implications of new media technologies in health communication through readings, discussions, and empirical exploration.

COM 350: Documentary Production

This course enables students to participate as members of a production unit, with the objective of completing a television documentary. Documentaries deal with social issues of major significance. Students may take this course twice.

COM 370: Topics in Communication Studies

Focuses on a significant historical or theoretical topic, or on studio and performance skills; may be repeated when topic changes.

INTERACTIVE MULTIMEDIA**IMM 110: Introduction to Digital Media***

An introduction to digital media for interactive multimedia through the study of state-of-the-art methods of creating digital media: painting programs, digital image editing, and time-based authoring programs. Computer graphics and digital media combine to make building images and editing graphics easy and effective. Digital media have led to new methods of communications that affect how we work, play and see ourselves and our environment. Through studio and seminar sessions, students will explore ways of constructing types of digital media and consider the aesthetic, technical, and social effects of this work. Critiques of student work, readings, and discussion will examine the evolving formal criteria and social implications of this work. (Core/Core)

MUSIC**MUS 102: Beginner Classical Piano**

This course will address the elementary keyboard skills for non-major beginners. Treble/bass clef reading, sight-reading, basic rhythmic values and physical basic technique are covered.

MUS 170: College Choir

Open to all students through successful audition by the director. The ensemble rehearses and performs a variety of accompanied and unaccompanied, sacred and secular choral literature.

MUS 245: History of Jazz

A survey course covering the development and content of Jazz music. The course covers major innovations and styles and emphasizes both listening and writing skills.

MUS 246: Music in Global Perspective

This course is an introduction to the study of music in/as culture. Students will study music cultures from throughout the world drawing on select Native American, African, African American, Latin American, Indian, Indonesian, and Japanese traditions. Rather than offering a broad survey of world musics, however, this course is comprised of focused case studies that examine the experience of music in specific secular, spiritual, art, and popular contexts. Students will acquire and refine basic musical knowledge and skills, including critical listening. Each student will further develop research, writing and critical thinking strategies through an individual semester ethnography project focusing on a music-culture with which they are relatively unfamiliar. MUS 246 is open to students in all majors; no prior music training is required. Note that MUS 246 is required for music majors, who usually take it in the fall semester of the freshman year.

School of Business

MANAGEMENT, MARKETING, & INTERDISCIPLINARY BUSINESS

FSP 121: In Pursuit of Innovation

A current buzzword is 'innovation.' What does this mean and how does one do it? Technology has revolutionized the landscape, changing where and how innovation happens and who is considered an innovator. This course examines the emergence of new business models, such as for dissemination of news, fundraising and shopping, that are being triggered by Twitter, Facebook, Netflix, Amazon, etc., and the 'Google model' of innovation that is blazing trails in a number of areas. In this context, we also consider the challenges of maintaining privacy and security of information.

MGT 201: Management Principles & Practices

Provides an introduction to the core concepts and theories of management. Emphasis is on developing a theoretical foundation in the various theories of effective management as well as an understanding of their practical implications. Topics include: the roles and functions of managers, leadership skills, team management, decision-making, strategic management of the organization, organizational structure and processes, and the ethical and social responsibilities of management.

MKT 201: Marketing Principles

Provides a basic understanding of the role of the marketing function and the key marketing management decisions that organizations must make. The course emphasizes the factors that must be considered in the selection of the target market and the selection of the product, price, promotion, and place strategies and tactics. It provides a base of concepts and practices to enable students to successfully learn more advanced marketing concepts and decision making skills in one or more courses.

School of Humanities & Social Sciences

CRIMINOLOGY

CRI 100: Justice & Social Control

Students will explore the historic need in societies to shape and control the behavior of their members so that they conform to established group norms. The course will examine the complex interaction between factors such as culture, law, power and equity that contribute to the maintenance of social order. It will address the development of legal systems from the social science perspectives of anthropology (primitive law) and sociology (sociology of law); investigate the nature of normative social control (sociological theory relative to conformity, conflict and power); and explore, in both a historical and contemporary vein, the development and maturation of formal justice systems (enforcement, adjudication and corrections) which act coercively against rule violators.

FSP 121: Wrongful Convictions—Causes & Remedies

Actual innocence is not always a successful defense in criminal prosecutions and may not be grounds for release from prison. Currently there are hundreds, possibly thousands, of people serving prison sentences who are not guilty of the crimes for which they were convicted. Many are on death row. Advances in DNA technology have led to the exoneration of some of the wrongfully convicted. However, DNA testing is not always available or appropriate. In this seminar we examine issues and problems inherent in the criminal justice system leading to the conviction of the innocent. We focus on such factors as race, eyewitness misidentification, false confessions, the use of informants, prosecutorial and police misconduct, and forensic fraud. We explore the death penalty as it relates to wrongful convictions, and debate its validity as a deterrent and an appropriate punishment. Finally, students consider legislative initiatives and proposed reforms to protect defendants and inmates who are factually innocent.

ENGLISH

FSP 101: The Cultural Phenomenon of Harry Potter

There is much debate about the literary merits of the Harry Potter series. This course investigates those debates and focuses on the novels as a cultural phenomenon. The books have become symbols in larger cultural battles about religious values, literacy and the role of children's literature in shaping the next generation's beliefs about gender, social class, race, imperialism, capitalism and spirituality. Students engage in discussions about complex cultural artifacts that affect ideology and about the ways we define literary merit within contemporary consumer contexts.

LIT 310: Literature for Younger Readers

Note: Reserved for Junior & Senior English Majors

This course focuses on canonical and contemporary works of literature written for children and young adults within the context of literary theory.

HISTORY

HIS 110: World History I*

An introduction to the history of human societies from prehistory to about 1500. Attention is given to the world's major regions-Africa, Asia, Europe, and the Americas-and their different material conditions, cultures, and forms of socio-political organization. Along with basic knowledge of the period, students learn skills that pertain to analysis of world history in the premodern era.

HIS 120: World History II

An introduction to the history of human societies from 1500 to the present. Attention is given to major forces that have propelled social change in the early modern and modern periods, with an emphasis on encounters among the world's major societies including: the impact of slavery and industrial capitalism; European dominance and resistance; changing forms of class, gender, and race relations; and globalization. Along with basic knowledge of the period, students learn skills that pertain to analysis of world history in the modern era.

HIS 277: US in World History

This course offers a concise overview of the United States in the 20th century. It examines the social and economic forces that define America culture and politics, as well as the nation's shift from a Eurocentric focus to globalism.

MODERN LANGUAGES

SPA 101: Basic Spanish Sequence I

This sequence is founded on the five C's of the National Foreign Language Standards. Students will have the opportunity to practice the three modes of Communication to learn about Hispanic Culture and to make Comparisons between their first language and culture and the Spanish language and culture. In addition, students make Connections to other fields of study unavailable to them through their native language. Finally, students have the opportunity to engage with the Hispanic Community outside of the classroom. The goal of the basic Spanish sequence therefore is to produce students with an observable and definable degree of language proficiency. Proficiency is measured by the achievement of particular benchmarks as defined by ACTFL in the four skills (listening, speaking, reading, and writing), and supported by the five C's cited above. Conversation hour is required in SPA 101, 102, and 103. Students with four or more years of high school Spanish will not receive credit for 101.

ITL 101: Italian for Beginners I

An introduction to spoken and written Italian, emphasizing aural comprehension and speaking, accompanied by practice in reading and writing. The textbook, to be used over three semesters, will be complemented by the video programs in Italiano and Attualità. (Language laboratory and recitation/conversation hour required.) Students with more than three years of high school study in Italian will not receive credit for 101.

PHILOSOPHY, RELIGION, & CLASSICAL STUDIES

CLS 250: Introduction to Greek Mythology

An introduction to ancient Greek mythology through primary texts in English translation such as Homer's Iliad and Odyssey, Aeschylus' Agamemnon, Sophocles' Ajax, etc. Focuses on the Trojan War cycle of myths and its greatest heroes in order to understand how the ancient Greeks explored important aspects of their society through literature that ostensibly presents mythological events and characters. Attention is also given to visual representations of myth in sculpture and on vases and to differentiating the ancient Greek concept of "myth" from our own.

FSP 121: Exploring Amish Culture

This course is designed to be an introduction to Amish culture, more specifically, the Old Order Amish, the most conservative group of Amish living in the United States. Through course work designed to acquaint students with a social/historical/political and educational perspective of the Amish, students will gain a better understanding of this fascinating, complex culture and what makes it unique. Much of the content of this course will be learned by reading fiction and nonfiction books and articles about Amish culture, researching the culture on the Internet, viewing films and videos portraying Amish culture, participating in discussions and small group work in class at the College, and visiting an authentic, working Amish farm where students will

be able to participate in discussions with an Amish family, experience a tour of an Amish farm, and sit down for a meal with the Fisher family (An Old Order Amish Family) in Lancaster County, Pennsylvania.

PHL 250: Philosophy of Religion

Prerequisite: One Philosophy Course

Course examining major issues, views, and positions in the philosophy of religion. Topics treated include the nature of religion and divinity, religious diversity, the problem of evil, philosophical arguments for the existence of God, religious experience, ethics and religion, and science and religion. Students will be encouraged to learn from great thinkers of the past and of the present, to examine their own religious values and beliefs, and to take reasoned and informed stands on the issues treated.

REL 111: Buddhism & Buddhist Thought

Course examining Buddhism and some of the intellectual traditions that have flourished in conjunction with it. Students will study the historical origins and essential teachings of this religion and explore some of the literary and philosophical traditions that developed from or in close connection with Buddhism.

REL 112: Hinduism & Hindu Thought*

Course examining Hinduism and some of the intellectual traditions that have flourished in conjunction with it. Students will study the historical origins and essential teachings of this religion and explore some of the literary and philosophical traditions that developed from or in close connection with Hinduism.

REL 113: Islam & Islamic Thought*

Course examining Islam and some of the intellectual traditions that have flourished in conjunction with it. Students will study the historical origins and essential teachings of this religion and explore some of the literary and philosophical traditions that developed from or in close connection with Islam.

POLITICAL SCIENCE

POL 110: American Government

Examines the strengths and weaknesses, problems and promise of representative democracy in the United States. Surveys the relationships of citizens to Congress, the president and the courts through political parties, elections, interest groups, and the media. Considers the constitutional framework of government and the rights of the individual against governmental intrusion.

PSYCHOLOGY

PSY 101: General Psychology

Psychology Core Course. Introduction to major topics in psychology, including biopsychology, development, cognition, counseling-clinical psychology, social psychology, and psychology in industrial/organizational settings.

PSY 216: Personality Theory & Research

Prerequisite: PSY 101

Psychology Foundation Course. Examines contemporary theories of personality, as well as research characteristics of each theoretical approach. Theories will be critically evaluated and applied to case studies. Cultural contexts will be examined.

SOCIOLOGY & ANTHROPOLOGY

ANT 110: Introduction to Cultural Anthropology

A survey of the major concepts of social-cultural anthropology. Cross-cultural comparison will be a central concern of the course, as will the process of cultural change.

IDS 100: Race, Class, & Gender

An interdisciplinary study of culture, race, class, and gender. The course incorporates sources from humanities, visual arts, and social and natural sciences, with systematic response in reading, writing, speaking, and research analysis. Introductory use of quantitative and computer skills.

FSP 121: Normal—Issues of Identity & Difference

“Normal is nothing more than a cycle on a washing machine” (Whoopi Goldberg). This course explores the social, personal and political issues in the development of personal identity in relation to difference from 'normal.' Specifically we explore the 'differences' of gender, sexuality, race, culture, as well as physicality and cognitive abilities and how each affects the development of a positive personal identity.

FSP 125: Leadership for Social Justice

This course examines the critical role of leadership in advancing social justice, with particular attention to successful and failed efforts to address social problems such as poverty, oppression, and civil rights in America. Students probe and critically evaluate various theories and models that attempt to define effective leadership for the public good. The course utilizes an evidence-based, case study analysis of selected leaders, including internationally recognized and lesser known citizen activists, elected public officials, and corporate entrepreneurs. Students investigate the values, traits and competencies demonstrated by effective and ineffectual leaders for positive social change. Texts and supplemental readings include non-fiction and fictional works examining complex problems rooted in social injustice, and the

attempts of leaders to ameliorate or eliminate their symptoms. The course also integrates the community engaged learning experiences of students as part of their development as emerging leaders in the Bonner Community Scholars program.

FSP 132: Multicultural New York—The City from Its Beginnings to Present

Is New York the capital of the world? How did it become such a great multicultural city? What does it mean to be a New Yorker? These are some of the questions that guide us as we study events that shaped New York's multicultural history from its beginning to the present. As we explore different periods of the city's history some of the areas considered are immigration, changing neighborhoods, crime, technology, quality of life, money, power, culture, and art. Seminar time is supplemented with real world experiences.

SOC 101: Introduction to Sociology

Sociology explores the intersection of biography and history. Students learn the basic foundations of sociology, including its development as a field of inquiry, early sociological theory, and methodology. The course also analyzes social organization, addressing culture, structure, socialization, and social control. Students investigate how culture, class, race, sex, family, medicine, business, religion, education, and government affect our lives. Special attention is paid to the impact of society on self.

SOC 205: Introduction to Social Work*

This course is an overview of social work and touches on inequality, substance abuse, alienation, crime, family violence, and divorce. It is designed to explore (a) the complexity of issues which create strain between society and individuals, (b) the relationship between social welfare and social work, and (c) to assess the unique qualities each possesses and the skills necessary for considering a career in human services. A field experience of at least thirty hours is required.

WOMEN'S & GENDER STUDIES

WGS 200: Women, Culture, & Society

The preliminary course to the interdisciplinary field of Women's and Gender Studies. It will provide students with an introduction to the literature and the historical evolution of the discipline, as well as an understanding of how scholars and students in the field analyze women, gender, and feminist theories. It will use an interdisciplinary approach to do this. This introductory course encourages students to rethink and reevaluate much of what they have experienced and learned and to gain the critical vocabulary and analytic skills to question the gendered world in which they live.

WGS 220: Gender & Popular Culture

A critical examination of the messages and "knowledge" that popular culture employs, disseminates and constructs about men and women, masculinity and femininity. Takes its objects of study from a wide range of sources including advertisements, magazines, television, film, cyberspace, hip hop, and sports. Be ready to watch TV, go to the movies, and listen to music as a scholar of gender.

WGS 223: A Gendered History of Food*

An introduction to the history of food consumption and preparation in the Western world, and its place in defining gender roles; food as part of religious ceremony; development of table manners; the politics of breast-feeding; the changing of kitchen roles; and the history of eating disorders.

WGS 225: Gender in Children's Literature

In this course, students will develop a critical appreciation of the roles of children's literature in the social construction of gender--not only how it prescribes or resists normative gender roles, but how it represents the subjective experience of growing up gendered. With a grounding in gender theory and critical texts, students will explore the early beginnings of children's literature in collections of folklore and fairy tales, then move on to modern classics and contemporary favorites, limiting our scope to works for young children and pre-teens.

WGS 317: The Witch in Literature*

The witch has been a figure in literary history since the beginning of time. Who is she, and what does she embody? Who creates her, and to what end? This course will explore the socio-historical constructions of this figure and trace her through a wide spectrum of literary texts, including legal and historical treatises, fairy tales, short stories, drama, film, children's literature, poetry, and even cartoons. Ultimately, we will analyze the literary cultures which have persisted in creating, recreating, and reviving this timeless, powerful, and equally feared character throughout the ages.

WGS 320: Men & Masculinities

Focuses on representations of men and masculinity in literary texts, although we may also look at film, video, television, advertising, and music. Some of the issues we will be thinking about include: the construction of modern male identities, the diversity of men's lives, the complex dynamics of men's relationships, and questions of power and social justice within the contemporary gender order.

School of Education

ELEMENTARY & EARLY CHILDHOOD EDUCATION

DHH 105: Programs/Services for Deaf & Hard of Hearing

Through readings, field visits, class discussions, and independent research and writing, this course will explore history, philosophy, programs, services, and legal issues as they relate to deaf or hard of hearing persons in American society and abroad. Students will become familiar with current local, state, and federal agencies serving deaf and hard of hearing children and their families and those that provide ancillary support to a child's education. Through the examination of current and historical laws and materials on health, education, and welfare, students will recognize the ways in which societal forces act on education environments serving deaf and hard of hearing students. Students will explore the question of how deaf or hard of

hearing children are identified by various constituencies as well as general characteristics of D/HH learners.

ECE 201: Infant through Adolescent Development

Emphasizes the educational implications and applications of research on child development, cognitive science, learning, and teaching from pre-birth through adolescence. Topics of theories of human development, process, and changes of human development with a focus on the cognitive, social, and emotional aspects and the interplay of each domain are included in the course. Additionally, the course covers topics of individual and cultural variations and adapting instruction to meet students' individual differences-social differences, emotional differences, and cognitive differences. Simultaneously, through the assignments designed for the course, students will develop skills of observation, application, and analysis.

ELE 201: Child & Adolescent Development

Emphasizes the educational implications and applications of research on child development, cognitive science, learning, and teaching from pre-birth through adolescence. It is a systematic study of children in the elementary and middle school environment focusing on the whole child. Through an analysis of child development theories and research on learning and cognition, students will gain a deeper understanding of how children and adolescents grow and learn in different cultural contexts. The course includes instruction in the college classroom plus a weekly field experience.

SPECIAL EDUCATION, LANGUAGE, & LITERACY

SPE 103: Social & Legal Foundations of Special Education

Introduces students to interdisciplinary analyses of special education in American schools. Students review critical issues facing schools by applying analytic principles drawn from history, philosophy, and legal/social theory in order to form an initial, professional position. They will develop a framework for understanding how they, as individuals, can contribute to enhancing educational environments for students with disabilities.

SPED 626: Teaching Students with Severe Disabilities

An advanced course about teaching students with moderate to severe mental retardation and other severe disabilities, this course focuses on meeting the special needs of this low-incidence population. Emphasis is placed on current philosophies and services such as preparing students to live and work in the community, self-advocacy, family-centered practices, appropriate applications of assistive technology, and designing functional curriculum plans.

RAL 225: Children's Literature

A multimedia approach is utilized in this course to examine children's literature. It includes an in depth look at the historical background of both the literature and illustration, establishes criteria for selecting books for children from various genres, includes extensive examination of children's books from each genre of literature, and explores the oral tradition and techniques of storytelling. The course includes psychological, developmental and social perspectives on children's interaction with literature.

RAL 320: Literature Learning Across Curriculum

Through readings, class activities and field experience, this course will develop students' understanding of the literacy processes associated with the fluent reader, and the literacy experiences that nurture these processes. Through direct experience with materials and methods, students will be prepared to plan appropriate instruction for children and adolescents in areas of word identification, fluency, comprehension, the writing process, and literature response, with an emphasis on informational text and the planning of instructional units. A practicum will allow for application of course content.

SLP 102: Language, Speech, & Communication Development

An overview of language development and communication disorders. Students will learn to recognize patterns of typical and atypical language development, use assessment tools in order to make decisions with regard to diagnosis and intervention and develop the skills to identify communication rich environments.

School of Engineering

TECHNOLOGICAL STUDIES

TST 161: Creative Design

This is a foundational course that looks at the elements and principles of design as related to practical products, systems, and environments. It introduces students to the creative process practiced by artists, designers, and engineers, valuable to them as both future producers and consumers. Content includes thinking, drawing, and modeling skills commonly used by designers; development of a design vocabulary; the nature and evolution of technological design; the impacts of design on the individual, society, and the environment; patents and intellectual property; human factors; team design; and appropriate technology, risk analysis, and futuring techniques. Design problems are presented within real-world contexts, using field trips and outside speakers. Students complete a major design project, document their work through a design portfolio, and present their solutions before the class. Weekly critiques of class projects build fluency, confidence, and creativity.

School of Nursing, Health, & Exercise Science

HEALTH & EXERCISE SCIENCE

HES 160: Issues in Health & Wellness
This course is designed so that students learn to explore wellness as an active choice based on understanding of the science of health/wellness and the statistical study of risk factors for mortality and morbidity. Students will develop this understanding through an investigation of lifestyle issues facing college students. They will learn how to assess their lifestyles, interpret indicators and trends, and evaluate choices using comprehensive health assessments.
HES 172: Foundations of Health & Exercise Science*
This course is designed to introduce students to the critical issues in physical education, fitness, sports, and health promotion. Changing philosophies and basic concepts will be discussed. Professions related to physical education, sports, fitness, and health wellness will be included.
HES 182: Lifespan Wellness Activities
The course will present introductory skills, knowledge, teaching methodology, evaluative techniques, and resources related to conducting at least three team sports activities. Primary emphasis is on knowledge of the skills and methodology.
HES 282: Sports Concepts & Skills
The course will present introductory skills, knowledge, teaching methodology, evaluative techniques, and resources related to conducting at least three individual and dual sports activities. Primary emphasis is on knowledge of the skills and methodology. (Suggested sports: golf, tennis, badminton, and racquetball.)
HES 307: Principles & Problems of Coaching
Focuses on the principles and problems of coaching that are applicable across all sports. Prepares students to critically evaluate and assess the issues and problems that confront coaches who work with athletes of all ages and abilities.
HES 351: Stress Management
Designed to help individuals relax, energize, and cope through learning strategies for desensitization to stressful situations, enhancement of self-image, and development of scientific relaxation techniques. A small additional fee may be required.

NURSING

NUR 110: Development of Unitary Man & Environment Across the Lifespan

Note: Open to non-majors with permission of the chairperson

Focuses on holistic human beings and includes the normal biological, physical, and psychosocial dimensions of the development of individuals and families from conception to old age. Emphasis is on the lived experience of human-environment interactions. Primary emphasis is on the individual with some discussion of family and community development. An underlying theme of the course is development of the individual student within the context of caring. The beginning learner studies unitary man from birth to old age and death within the context of holism. Environment is defined as the landscape and geography of human social experience as everyday life. The history, theories, and methodologies of growth and development are explored as a foundation to explain and predict human life span events. The lived experiences of the developing individual are discussed within the following dimensions: physical and cognitive changes; social, emotional, spiritual, and personality development; and cultural diversity. The concept of caring is introduced as a foundation for the study of holistic human beings and environment.

NUR 220: Wellness Promotion Across the Lifespan

Prerequisite: NUR 110

Note: Open to non-majors with permission of the chairperson

Addresses human activities that are directed toward sustaining, developing, and enhancing wellness and self-actualization at all stages of development and across the life span. The determinants of health in individuals and families, and communities are a key concept of this course. Topics include: concepts of health, wellness evaluation, introduction to teaching and learning theory, values clarification, and communication and facilitative interaction focused on wellness. In addition, students discuss family systems theory; social environmental, and economic issues related to wellness promotion; and access to health care. Specific interventions for lifestyle changes are discussed and include coping and stress management; health education; nutrition; social support; exercise and physical fitness; and issues related to smoking, alcohol, and other forms of substance abuse. Opportunities for interactive and experiential learning are provided in the Nursing Clinical Laboratory.

School of Science

SCIENCE

PHY 120: Introduction to Geology*

Geological concepts, principles, and processes as they relate to the relationship between people and their environment are emphasized. Topics include: minerals and rocks, components of the hydrologic cycle, dynamic earth processes, and regional studies.

PHY 161: Introduction to Astronomy

A study of the knowledge gained in our investigation of the universe from an historical perspective. Topics included are the Earth and its motions; time and the calendar, the seasons, the properties, origin, and evolution of (1) the solar system, and (2) stars and stellar systems, including galaxies; and cosmology. Laboratory sessions will involve an investigation of observable celestial phenomena, including celestial coordinates, the diurnal motions of the stars, the orbital motions of the planets, the phases of the Moon, and eclipses, through the use of interactive computer software, and the TCNJ planetarium and observatory facilities. Some nighttime observing is included.

SCI 103: Physical, Space, & Earth Science

Note: Reserved for School of Education students

This course is an introduction to physical, earth, and/or space sciences. Topics may include: motion, forces, energy, the earth, environment, weather, the solar system, stars, galaxies, and the universe. Concepts are reinforced with a variety of experiments and demonstrations. This course is designed for elementary education majors to help them meet New Jersey state standards.

SCI 104: Inquiries in Life Sciences*

Note: Reserved for School of Education students

An introduction to general chemistry and biology concepts and their relationship with current issues in the study of genetics, then environment, and human health. Scientific principles necessary to understand topics such as human nutrition and disease, human impacts on the biosphere, and the debate over teaching evolution in public schools are considered. A strong emphasis is placed upon the process of science as a form of inquiry, and the theory of evolution as the foundation of modern biology. Laboratory experiments, discussions, and written assignments will compliment the course, which is designed to meet New Jersey state content curriculum standards in chemistry and life science.