

Accounting

- Complete and identify all steps of the accounting cycle.
Apply generally accepted principles to determine the value of a company's assets, liabilities and owners' equity.
- Employ quantitative techniques to assess financial information; use models to solve accounting problems.
- Review, analyze and discuss the implications of the accounting treatment employed in a company's financial statements.
- Develop career awareness and related skills needed to make viable career choices; cultivate growth in personal and professional conduct and capabilities.

Biology

- Demonstrate proficiency in reading and evaluating scientific literature
- Demonstrate scientific literacy through the formation of hypotheses, the designing of experiments, and interpretation data.
- Demonstrate an understanding of the responsible conduct of research, research integrity and the ethical implications of research on society.
- Effective oral and written communication of scientific information.
- Understand basic cellular processes and evolutionary mechanisms.

Business Admin/Business Management

- Understand the functions of business and how a business operates.
- Apply critical thinking skills to the solution of business problems.
- Select and apply technology tools for making personal and business decisions.
- Demonstrate the interpersonal, teamwork and leadership skills needed to function in diverse business settings.
- Develop the skills to function as economically literate workers and lifelong learners in domestic or international venues

Commercial Photography

- Operate both analog and digital photographic equipment to a high level of proficiency
- Demonstrate the ability to use computers and the related software appropriate for the photographic and graphic arts industries
- Appreciate the necessity for continued learning in areas of professional and personal development.
- Communicate effectively across the disciplines using both oral and written skills
- To interpret graphs and charts as they relate to the photographic industry

Communication Studies

- Demonstrate knowledge of human communication behaviors and develop a conceptual understanding of the importance of communication skills and processes
- Demonstrate knowledge of speech and voice production theory, speech and hearing mechanism, articulation and intonation patterns, syllable structure, sound system of Standard American English, and the International Phonetic Alphabet.
- Demonstrate knowledge of rhetorical theory and analytical skills and the ability to practice and perform research, organization, speech delivery, persuasive debate, and criticism in personal and professional settings.
- Identify and apply concepts and theories of leadership, relationship development, decision making, problem solving, and conflict management in dyadic and group communication.
- Identify the role of mass communication and mass media systems in reflecting and projecting society.
- Demonstrate the ability to identify and analyze dominant cultural patterns and to improve the ability to communicate in and understand multicultural settings

Computer Science

- Demonstrate ability to write progressively more difficult programs from specifications through design, coding, testing and debugging.
- Demonstrate object oriented programming techniques and utilize GUI programming.
- Demonstrate the ability to utilize sophisticated algorithms and data structures in their programming.
- Demonstrate an ability to carry on CS experiments and to draw conclusions based on these experiments.
- Demonstrate the ability to understand computer organization, its corresponding circuitry, and its corresponding assembly language.

Computer Networking and Security

- Understand and explain common operating system terminology. Explain common characteristics of various operating systems such as MS-DOS, MVS, UNIX and GUI operating systems.
- Demonstrate how to install and repair hard drives. Identify communication ports and demonstrate how they are used, maintained and repaired. Enable students to maintain and repair hardware devices. Enable students to maintain and repair Windows/UNIX software
- Install Windows and Unix on workstations and servers. Demonstrate working knowledge of command language programs for Unix and Windows. Create User accounts and manage I/O devices.
- Demonstrate working knowledge in the administration of a Windows and Unix networking environment. Install a network printer, demonstrate the Windows printing service, and Windows addition and deletion of services.
- Configure a Web Server on Unix. Configure Windows servers to configure as a Web Server, DHCP, and WINS.
- Understand and list security services, mechanisms and threats. Demonstrate practical knowledge of symmetric and public

- cryptosystems. Understand malicious software and good practices to prevent them.
- Understand firewalls, and configure them. Configure access lists on Cisco routers using IOS.

Computer Technology

- To design and carry out several laboratory experiments and projects
- To write a report based on an experiment or project following the standard composition guidelines for scientific articles
- To explain the inter-relationships within and among components in the context of computer based systems
- To describe the ethical implications of modern electronic technologies on the environment, and society in general

Criminal Justice

- Foundational knowledge of Criminal Justice theories, practices and policies.
- Foundational knowledge of Policing theories, practices and policies.
- Foundational knowledge of Corrections and Sentencing theories, practices and policies.
- Foundational knowledge Criminology theories, practices and policies.
- Ability to access and analyze the Criminal Justice literature and write an 8- to 10-page research paper.

Education

- Demonstrate professional knowledge as delineated in professional, state, and institutional standards, as well as knowledge of current educational issues and the ability to consider school, family, and community contexts in connecting concepts to students' prior experience and applying the ideas to current educational issues. (Maps to NCATE standard 1C)
- Demonstrate an ability to use quantitative knowledge to interpret educational data to inform professional practice. (Maps to NCATE standard 1C)

- Demonstrate content knowledge in literacy learning and education through inquiry, critical analysis, and synthesis of the subject. (Maps to NCATE standard 1A).
- Demonstrate the ability to reflect on and connect content knowledge through observation in settings with students and teachers during Internships. (Maps to NCATE standard 3C)
- Demonstrate professional dispositions (that is, the belief that all children can learn; a focus on allocating instructional and other resources to promote and assess children's learning; the endorsement of a social inclusion and respect for diversity perspective; and a commitment to lifelong learning and professional development) necessary to help all children learn. (Maps to NCATE standard 3C)
- Demonstrate an understanding of how social inclusion and respect for diversity ought to inform the design, implementation, and evaluation of curriculum and educational experiences. (Maps to NCATE standard 4A)

Engineering Studies

- Demonstrate knowledge of computational /numerical methods and how to effectively use them to analyze application based problems
- Demonstrate ability to orally present design solutions
- Measure the ability of students to use applied scientific knowledge.
- Demonstrate the ability to design and analyze electrical circuits using a virtual lab to deepen students' understanding of electrical circuit theories
- Working in a manner that is consistent with working in a team / trusting and respecting other team members / managing conflict / building team cohesion)

Environmental Science

- To design and carry out an interdisciplinary research project integrating the principles of ecology with human use of the environment.
- To understand the interrelations between the living and non-living environment
- To be able to write a report according to the standard composition guidelines for scientific articles
- To perform data modeling, spatial analysis, and cartography for use in environmental assessment
- To identify the positive and negative impacts of human activity upon the biosphere from multiple perspectives: ethical, social and scientific.

Fine Arts

- The elements of art and design-form, composition, line, color, texture, 2D and 3D
- Historical perspective to cont. art, mod art. And further back anthropology
- Technical experience with a variety of mediums: paint, glues, wood, metal, paper..
- Speak critically and knowledgeably about many different forms of art including installation
- Critically write about art historically, formally, technically, anthropologically, aesthetically.

Food & Nutrition Programs: Dietetic Technician, Foodservice Management & School Foodservice Management

- Demonstrate professional beliefs, values, and behaviors for food and nutrition professionals
- Demonstrate the development and delivery of information, products and services to individuals, groups and populations by food and nutrition professionals
- Demonstrate the role of food and nutrition in the achievement and maintenance of human health and well-being

- Demonstrate the ability to use management principles and resources in the provision of clinical and/or customer services to individuals and organizations as food and nutrition professionals

Human Services: Mental Health and Gerontology

- Hears the manifest and latent content of a person's communication
- Responds to both the manifest and latent content of a person's communication
- Summarizes thoughts in a structured manner integrating theory
- Defends opinions with facts from research.

Media Studies

- Identify formal values specific to various media formats (film, television, internet)
- Demonstrate an understanding of formal values to aesthetic values in individual works in various media formats (film, television, internet)
- Relate formal values to aesthetic values in a video production.
- Demonstrate awareness of the role of various media in society.
- Demonstrate awareness of the relation of technology, art and commerce in various media formats.

Music Recording Technology

- Demonstrate knowledge of Digital Audio Workstation
- Demonstrate knowledge of three dimensional mixing technique and practical use of the four basic audio processors (EQ, Compressor, Reverb, and Delay)

- Students will view three documentaries based on the music industry today and write two paged essays based on essay questions
- Demonstrate fundamental use of Digital Audio Workstation
- Demonstrate mid-level use of Digital Audio Workstation as well as practical use of three dimensional mixing with technique with audio processors

New Media Studies

- Reinforce animation, interactivity, audio and video editing principles.
- Reinforce Search Engine Optimization (SEO) as it relates to marketing an online portfolio/resume.
- Reinforce graphic and multimedia design principles such as layout, color and typography for the web and digital portfolios.
- Reinforce Web page creation using HTML WYSIWYG editors that facilitate dynamic database driven designs.
- Reinforce professional portfolio design principles.

Occupational Therapy Assistant

- Report observations, information and instruction orally and in writing, in a clear, concise manner using vocabulary appropriate to the audience.
- Select and obtain pertinent information from medical records, staff, clients and others.
- Demonstrate knowledge of and conduct consistent with codes of ethics applicable to the college, the health care setting, and the recipient of occupational therapy services
- Demonstrate awareness of self and relationship to others including the qualities of responsibility, receptiveness, patience and self-control.
- Plan and implement treatment for maintenance or increase of function in independent living/daily living skills, work performance, and play/leisure performance.

Paralegal Studies

- Encourage students to think critically about both the theory and the practice of law.
- Demonstrate both academic and practical skills development through mandatory internship with a private, nonprofit or governmental organization, The internship includes faculty-guided points of learning : (a) faculty mentoring; (b) self-directed learning through focus on internship learning objectives; (c) learning from the internship supervisor.
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- To provide the student with a knowledge of the contents of a law library. To enable the student to use the resources of a law library to answer questions about the law.
- To enable the student to write proper English. To write with the clarity, accuracy and organization expected of a paralegal
- The capstone course typically is defined as a crowning course. Through the preparation of legal memorandums, exams, construction of legal eportfolios, students will hone practical/professional skills.

Philosophy

- To have a clear understanding, which can be expressed verbally and in writing ,of the major themes in Philosophy, both classical and contemporary.
- To be able to discuss and write about, in an informed way, the major questions in the various branches of Philosophy: Epistemology, Metaphysics, Ethics, Religion, Social & Political, Aesthetics.
- To be able to engage in a coherent Socratic discussion which analyzes complex philosophical issues from a variety of theoretical perspectives.
- To be able to compose serious Philosophy papers that embody a sophisticated analysis and/or an extended argument regarding an important philosophical issue.

Physical Therapist Assistant

- Demonstrate Professional Duty in the field of Physical Therapy
- Demonstrate knowledge and adhere to the “Standards of Ethical Conduct” and Guide for Conduct of the Physical Therapist” as they relate to supervision and practice.
- Demonstrate the ability to assess and analyze health care literature and complete an evidence based research paper.
- Demonstrate proficiency in providing rationale for patient/client interventions based on critical thinking
- Demonstrate the ability to perform data collection and safe intervention skills as outlined in the plan of care of the physical therapist.

Practical Nursing

- Critically collect and analyze data for clients and families with a variety of health problems to aid in the development of a nursing plan of care.
- Identify/perform all possible scientifically based, appropriate nursing interventions to achieve expected outcomes based on the nursing diagnoses/care plans identified by the RN.
- Establish and consistently maintain effective communication with clients, families, and health team members.
- Provide culturally appropriate nursing care to clients and their families
- Demonstrate legal, ethical and professional behaviors which fall within the scope of practice determined appropriate for the entry level into practical nursing.

Programming and Systems

- Demonstrate ability to write progressively more difficult programs from specifications through design, coding, testing and debugging.
- Demonstrate the ability to create a document that encompasses the analysis and design of a system.
- Demonstrate the ability to develop a programming solution to a problem employing a pre-existing Object Oriented Library,

and create/design a user friendly GUI via a visual programming tool.

- Demonstrate the ability to examine the relationship among and between various data entities, and create a database schema to provide a map to create a custom database system.

Radiological Technician

- Students will recognize and respect Cultural Diversity as a professional.
- Students will communicate effectively in classroom and clinical setting.
- Students will apply the principles of Radiation protection to patients, self, and
- others
- Students will be able to adapt radiographic positioning and techniques to patient needs through the use of critical thinking strategies.
- Students will be committed to Professional Development and Life Long Learning.

Spanish Translation

- To demonstrate command of Spanish and English grammar and rhetoric.
- To identify major characteristics of Hispanic literary movements and identify stylistic traits of individual authors.
- To describe the development of avant garde literary works and demonstrate understanding of their stylistic peculiarities.
- To differentiate literary genres, schools of criticism and theoretical trends
- To demonstrate command of critical terminology in Spanish in written assignments, group discussions, and oral presentations

Travel, Tourism, and Hospitality Management

- Understand and apply concepts of travel, tourism & hospitality business management.
- Address issues critically and reflectively.

- Develop an understanding of the fundamental concepts of hospitality customer service and sales.
- Work efficiently and effectively with others by demonstrating the ability to build interpersonal relationships, teamwork and ethical leadership skills needed to function in Travel, Tourism & Hospitality.
- Possess and apply a global perspective.

Veterinary Technology

- Follow and uphold applicable laws and the veterinary profession's ethical codes to provide high quality care to patients
- Safely and effectively administer prescribed drugs to patients.
- Demonstrate an understanding of OSHA-related issues in a veterinary setting
- Properly recognize and handle products such as urine and feces, understanding the role of zoonotic diseases in veterinary practice.
- Enable a student to run a veterinary pharmacy, including an understanding of regulatory issues

Writing and Literature

- Analyze, discuss, and interpret literature using different critical approaches and terminology specific to the field
- Express complex ideas clearly using styles suitable for different audiences and purposes
- Demonstrate familiarity with a variety of literary genres from a diverse range of historic periods, cultures, and nationalities
- Construct logical and persuasive arguments defended by evidence with appropriate documentation
- Utilize technology in researching catalogued texts and in generating, exchanging, and disseminating new writing