**HUMAN SERVICES TECHNOLOGY A45380**

 College Student Success ACA-111

Class 1 Lab 0 Clinical 0 Work 0 Credit 1

This course introduces the college's physical, academic, and social environment and promotes the personal development essential for success. Topics include campus facilities and resources; policies, procedures, and programs; study skills; and life management issues such as health, self-esteem, motivation, goal-setting, diversity, and communication. Upon completion, students should be able to function effectively within the college environment to meet their educational objectives.

State Prerequisites None

State Corequisites None

 College Transfer Success ACA-122

Class 0 Lab 2 Clinical 0 Work 0 Credit 1

This course provides information and strategies necessary to develop clear academic and professional goals beyond the community college experience. Topics include the CAA, college policies and culture, career exploration, gathering information on senior institutions, strategic planning, critical thinking, and communications skills for a successful academic transition. Upon completion, students should be able to develop an academic plan to transition successfully to senior institutions.

Competencies

1. Develop a strategic plan for completing community college academic goals, including certificates, diplomas, and/or associate degrees.

2. Develop a strategic plan for transferring to a university and preparing for a new career.

3. Identify the rights and responsibilities of transfer students under the Comprehensive Articulation Agreement (CAA), including Universal General Education Transfer Component (UGETC) designated courses, the Transfer Assured Admissions Policy (TAAP), the CAA appeals process, and university tuition surcharge.

4. Evaluate learning strategies, including note-taking, test-taking, information processing, time management, and memorization techniques, and identify strategies for improvement.

5. Identify essential college resources, including financial aid, advising, registration, tutoring, library services, computer labs, and counseling services and recognize the importance of these resources on student success.

6. Identify essential college policies and procedures, including academic integrity such as avoiding plagiarism; calculating a GPA, and maintaining satisfactory academic progress for financial aid eligibility and/or good academic standing.

State Prerequisites None

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a premajor and/or elective course requirement.

This course has been approved for transfer under the ICAA as a premajor and/or elective course requirement.

 Principles of Supervision BUS-135

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course introduces the basic responsibilities and duties of the supervisor and his/her relationship to higher-level supervisors, subordinates, and associates. Emphasis is placed on effective utilization of the work force and understanding the role of the supervisor. Upon completion, students should be able to apply supervisory principles in the work place.

State Prerequisites None

State Corequisites None

 Introduction to Computers CIS-110

Class 2 Lab 2 Clinical 0 Work 0 Credit 3

This course introduces computer concepts, including fundamental functions and operations of the computer. Topics include identification of hardware components, basic computer operations, security issues, and use of software applications. Upon completion, students should be able to demonstrate an understanding of the role and function of computers and use the computer to solve problems.

Competencies

1. Identify the basic elements required in a computer system.

2. Produce electronic documents using various software applications.

3. Illustrate the role of the computer for personal and professional uses.

State Prerequisites None

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a general education course in Mathematics (Quantitative).

This course has been approved for transfer under the ICAA as a general education course in Mathematics (Quantitative).

 Basic PC Literacy CIS-111

Class 1 Lab 2 Clinical 0 Work 0 Credit 2

This course provides an overview of computer concepts. Emphasis is placed on the use of personal computers and software applications for personal and fundamental workplace use. Upon completion, students should be able to demonstrate basic personal computer skills.

State Prerequisites None

State Corequisites None

 Writing and Inquiry ENG-111

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course is designed to develop the ability to produce clear writing in a variety of genres and formats using a recursive process. Emphasis includes inquiry, analysis, effective use of rhetorical strategies, thesis development, audience awareness, and revision. Upon completion, students should be able to produce unified, coherent, well-developed essays using standard written English.

Competencies

Student Learning Outcomes

1. Demonstrate writing as a recursive process.

2. Demonstrate writing and inquiry in context using different rhetorical strategies to reflect, analyze, explain, and persuade in a variety of genres and formats.

3. Students will reflect upon and explain their writing strategies.

4. Demonstrate the critical use and examination of printed, digital, and visual materials.

5. Locate, evaluate, and incorporate relevant sources with proper documentation.

6. Compose texts incorporating rhetorically effective and conventional use of language.

7. Collaborate actively in a writing community.

State Prerequisites Take One Set:

Set 1: DRE-097

Set 2: ENG-002

Set 3: BSP-4002

State Corequisites Take ENG-011

College Transfer This course has been approved for transfer under the CAA as a general education course in English Composition.

This course has been approved for transfer under the ICAA as a general education course in English Composition.

Intro to Human Services HSE-110

Class 2 Lab 2 Clinical 0 Work 0 Credit 3

This course introduces the human services field, including the history, agencies, roles, and careers. Topics include personal/professional characteristics, diverse populations, community resources, disciplines in the field, systems, ethical standards, and major theoretical and treatment approaches. Upon completion, students should be able to identify the knowledge, skills, and roles of the human services worker.

State Prerequisites None

State Corequisites None

General Psychology PSY-150

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course provides an overview of the scientific study of human behavior. Topics include history, methodology, biopsychology, sensation, perception, learning, motivation, cognition, abnormal behavior, personality theory, social psychology, and other relevant topics. Upon completion, students should be able to demonstrate a basic knowledge of the science of psychology.

State Prerequisites None

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a general education course in Social/Behavioral Sciences.

This course has been approved for transfer under the ICAA as a general education course in Social/Behavioral Sciences.

Writing/Research in the Disc ENG-112

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course, the second in a series of two, introduces research techniques, documentation styles, and writing strategies. Emphasis is placed on analyzing information and ideas and incorporating research findings into documented writing and research projects. Upon completion, students should be able to evaluate and synthesize information from primary and secondary sources using documentation appropriate to various disciplines.

State Prerequisites Take ENG-111

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a general education course in English Composition.

This course has been approved for transfer under the ICAA as a general education course in English Composition.

Group Process I HSE-112

Class 1 Lab 2 Clinical 0 Work 0 Credit 2

This course introduces interpersonal concepts and group dynamics. Emphasis is placed on self-awareness facilitated by experiential learning in small groups with analysis of personal experiences and the behavior of others. Upon completion, students should be able to show competence in identifying and explaining how people are influenced by their interactions in group settings.

State Prerequisites None

State Corequisites None

Interviewing Techniques HSE-123

Class 2 Lab 2 Clinical 0 Work 0 Credit 3

This course covers the purpose, structure, focus, and techniques employed in effective interviewing. Emphasis is placed on observing, attending, listening, responding, recording, and summarizing of personal histories with instructor supervision. Upon completion, students should be able to perform the basic interviewing skills needed to function in the helping relationship.

State Prerequisites None

 Counseling HSE-125

Class 2 Lab 2 Clinical 0 Work 0 Credit 3

This course covers the major approaches to psychotherapy and counseling, including theory, characteristics, and techniques. Emphasis is placed on facilitation of self-exploration, problem solving, decision making, and personal growth. Upon completion, students should be able to understand various theories of counseling and demonstrate counseling techniques.

State Prerequisites None

State Corequisites None

 Addictive Process SAB-135

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course explores the physical, emotional, psychological, and cultural aspects of the addictive process. Emphasis is placed on addictions to food, sex, alcohol, drugs, work, gambling, and relationships. Upon completion, students should be able to identify the effects, prevention strategies, and treatment methods associated with addictive disorders.

State Prerequisites None

State Corequisites None

 Introduction to Sociology SOC-210

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course introduces the scientific study of human society, culture, and social interactions. Topics include socialization, research methods, diversity and inequality, cooperation and conflict, social change, social institutions, and organizations. Upon completion, students should be able to demonstrate knowledge of sociological concepts as they apply to the interplay among individuals, groups, and societies.

State Prerequisites None

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a general education course in Social/Behavioral Sciences.

This course has been approved for transfer under the ICAA as a general education course in Social/Behavioral Sciences.

 Basic Anat & Physiology BIO-163

Class 4 Lab 2 Clinical 0 Work 0 Credit 5

This course provides a basic study of the structure and function of the human body. Topics include a basic study of the body systems as well as an introduction to homeostasis, cells, tissues, nutrition, acid-base balance, and electrolytes. Upon completion, students should be able to demonstrate a basic understanding of the fundamental principles of anatomy and physiology and their interrelationships.

State Prerequisites None

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a premajor and/or elective course requirement.

This course has been approved for transfer under the ICAA as a premajor and/or elective course requirement.

 HSE Clinical Supervision I HSE-160

Class 1 Lab 0 Clinical 0 Work 0 Credit 1

This course provides an opportunity to discuss clinical experiences with peers and faculty. Emphasis is placed on discussing application of concepts and principles from related course content to clinical placement. Upon completion, students should be able to demonstrate the knowledge, skills, and attitudes required in human services clinical experiences.

State Prerequisites None

State Corequisites Take One: HSE-161, HSE-162, HSE-163, or HSE-164

HSE Clinical Experience I HSE-162

Class 0 Lab 0 Clinical 6 Work 0 Credit 2

This course provides supervised clinical experience in human services delivery agencies. Emphasis is placed on the application and practice of concepts, principles, knowledge, and skills from related course work. Upon completion, students should be able to demonstrate and apply skills, knowledge, and values from human services classes.

State Prerequisites None

State Corequisites Take HSE-160

 Human Services Issues HSE-210

Class 2 Lab 0 Clinical 0 Work 0 Credit 2

This course covers current issues and trends in the field of human services. Emphasis is placed on contemporary topics with relevance to special issues in a multi-faceted field. Upon completion, students should be able to integrate the knowledge, skills, and experiences gained in classroom and clinical experiences with emerging trends in the field.

State Prerequisites None

State Corequisites None

 Crisis Intervention HSE-225

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course introduces the basic theories and principles of crisis intervention. Emphasis is placed on identifying and demonstrating appropriate and differential techniques for intervening in various crisis situations. Upon completion, students should be able to assess crisis situations and respond appropriately.

State Prerequisites None

State Corequisites None

 Intellectual Disabilities HSE-226

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course covers intellectual disabilities and related issues. Emphasis is placed on the theoretical perspectives, causes, prevention, and treatment of intellectual disabilities. Upon completion, students should be able to demonstrate a general knowledge of individuals with intellectual disabilities.

State Prerequisites None

State Corequisites None

 Children & Adolescents in Crisis HSE-227

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course covers the crises affecting children and adolescents in contemporary society. Emphasis is placed on abuse and neglect, suicide and murder, dysfunctional family living, poverty, and violence. Upon completion, students should be able to identify and discuss intervention strategies and available services for the major contemporary crises affecting children and adolescents.

State Prerequisites None

State Corequisites None

 Abnormal Psychology PSY-281

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course provides an examination of the various psychological disorders, as well as theoretical, clinical, and experimental perspectives of the study of psychopathology. Emphasis is placed on terminology, classification, etiology, assessment, and treatment of the major disorders. Upon completion, students should be able to distinguish between normal and abnormal behavior patterns as well as demonstrate knowledge of etiology, symptoms, and therapeutic techniques.

State Prerequisites Take PSY-150

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a general education course in Social/Behavioral Sciences.

This course has been approved for transfer under the ICAA as a general education course in Social/Behavioral Sciences.

 Small Business Management BUS-230

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course introduces the challenges of entrepreneurship including the startup and operation of a small business. Topics include market research techniques, feasibility studies, site analysis, financing alternatives, and managerial decision making. Upon completion, students should be able to develop a small business plan.

State Prerequisites None

State Corequisites None

 Behavioral Modification PSY-265

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course is an applied study of factors influencing human behavior and strategies for behavioral change. Emphasis is placed on cognitive-behavioral theory, behavioral assessment, practical applications of conditioning techniques, and maintenance of adaptive behavior patterns. Upon completion, students should be able to implement basic learning principles to effect behavioral changes in self and others.

State Prerequisites Take PSY-150

State Corequisites None

 Sociology of the Family SOC-213

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course covers the institution of the family and other intimate relationships. Emphasis is placed on mate selection, gender roles, sexuality, communication, power and conflict, parenthood, diverse lifestyles, divorce and remarriage, and economic issues. Upon completion, students should be able to analyze the family as a social institution and the social forces which influence its development and change.

State Prerequisites None

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a general education course in Social/Behavioral Sciences.

This course has been approved for transfer under the ICAA as a general education course in Social/Behavioral Sciences

**HUMAN SERVICES TECHNOLOGY W/MENTAL HEALTH (A4358C)**

 College Student Success ACA-111

Class 1 Lab 0 Clinical 0 Work 0 Credit 1

This course introduces the college's physical, academic, and social environment and promotes the personal development essential for success. Topics include campus facilities and resources; policies, procedures, and programs; study skills; and life management issues such as health, self-esteem, motivation, goal-setting, diversity, and communication. Upon completion, students should be able to function effectively within the college environment to meet their educational objectives.

State Prerequisites None

State Corequisites None

 College Transfer Success ACA-122

Class 0 Lab 2 Clinical 0 Work 0 Credit 1

This course provides information and strategies necessary to develop clear academic and professional goals beyond the community college experience. Topics include the CAA, college policies and culture, career exploration, gathering information on senior institutions, strategic planning, critical thinking, and communications skills for a successful academic transition. Upon completion, students should be able to develop an academic plan to transition successfully to senior institutions.

Competencies

1. Develop a strategic plan for completing community college academic goals, including certificates, diplomas, and/or associate degrees.

2. Develop a strategic plan for transferring to a university and preparing for a new career.

3. Identify the rights and responsibilities of transfer students under the Comprehensive Articulation Agreement (CAA), including Universal General Education Transfer Component (UGETC) designated courses, the Transfer Assured Admissions Policy (TAAP), the CAA appeals process, and university tuition surcharge.

4. Evaluate learning strategies, including note-taking, test-taking, information processing, time management, and memorization techniques, and identify strategies for improvement.

5. Identify essential college resources, including financial aid, advising, registration, tutoring, library services, computer labs, and counseling services and recognize the importance of these resources on student success.

6. Identify essential college policies and procedures, including academic integrity such as avoiding plagiarism; calculating a GPA, and maintaining satisfactory academic progress for financial aid eligibility and/or good academic standing.

State Prerequisites None

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a premajor and/or elective course requirement.

This course has been approved for transfer under the ICAA as a premajor and/or elective course requirement.

 Introduction to Computers CIS-110

Class 2 Lab 2 Clinical 0 Work 0 Credit 3

This course introduces computer concepts, including fundamental functions and operations of the computer. Topics include identification of hardware components, basic computer operations, security issues, and use of software applications. Upon completion, students should be able to demonstrate an understanding of the role and function of computers and use the computer to solve problems.

Competencies

1. Identify the basic elements required in a computer system.

2. Produce electronic documents using various software applications.

3. Illustrate the role of the computer for personal and professional uses.

State Prerequisites None

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a general education course in Mathematics (Quantitative).

This course has been approved for transfer under the ICAA as a general education course in Mathematics (Quantitative).

 Basic PC Literacy CIS-111

Class 1 Lab 2 Clinical 0 Work 0 Credit 2

This course provides an overview of computer concepts. Emphasis is placed on the use of personal computers and software applications for personal and fundamental workplace use. Upon completion, students should be able to demonstrate basic personal computer skills.

State Prerequisites None

State Corequisites None

 Writing and Inquiry ENG-111

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course is designed to develop the ability to produce clear writing in a variety of genres and formats using a recursive process. Emphasis includes inquiry, analysis, effective use of rhetorical strategies, thesis development, audience awareness, and revision. Upon completion, students should be able to produce unified, coherent, well-developed essays using standard written English.

Competencies

Student Learning Outcomes

1. Demonstrate writing as a recursive process.

2. Demonstrate writing and inquiry in context using different rhetorical strategies to reflect, analyze, explain, and persuade in a variety of genres and formats.

3. Students will reflect upon and explain their writing strategies.

4. Demonstrate the critical use and examination of printed, digital, and visual materials.

5. Locate, evaluate, and incorporate relevant sources with proper documentation.

6. Compose texts incorporating rhetorically effective and conventional use of language.

7. Collaborate actively in a writing community.

State Prerequisites Take One Set:

Set 1: DRE-097

Set 2: ENG-002

Set 3: BSP-4002

State Corequisites Take ENG-011

College Transfer This course has been approved for transfer under the CAA as a general education course in English Composition.

This course has been approved for transfer under the ICAA as a general education course in English Composition.

Intro to Human Services HSE-110

Class 2 Lab 2 Clinical 0 Work 0 Credit 3

This course introduces the human services field, including the history, agencies, roles, and careers. Topics include personal/professional characteristics, diverse populations, community resources, disciplines in the field, systems, ethical standards, and major theoretical and treatment approaches. Upon completion, students should be able to identify the knowledge, skills, and roles of the human services worker.

State Prerequisites None

State Corequisites None

 Crisis Intervention HSE-225

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course introduces the basic theories and principles of crisis intervention. Emphasis is placed on identifying and demonstrating appropriate and differential techniques for intervening in various crisis situations. Upon completion, students should be able to assess crisis situations and respond appropriately.

State Prerequisites None

State Corequisites None

 General Psychology PSY-150

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course provides an overview of the scientific study of human behavior. Topics include history, methodology, biopsychology, sensation, perception, learning, motivation, cognition, abnormal behavior, personality theory, social psychology, and other relevant topics. Upon completion, students should be able to demonstrate a basic knowledge of the science of psychology.

State Prerequisites None

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a general education course in Social/Behavioral Sciences.

This course has been approved for transfer under the ICAA as a general education course in Social/Behavioral Sciences.

 Writing/Research in the Disc ENG-112

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course, the second in a series of two, introduces research techniques, documentation styles, and writing strategies. Emphasis is placed on analyzing information and ideas and incorporating research findings into documented writing and research projects. Upon completion, students should be able to evaluate and synthesize information from primary and secondary sources using documentation appropriate to various disciplines.

State Prerequisites Take ENG-111

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a general education course in English Composition.

This course has been approved for transfer under the ICAA as a general education course in English Composition.

 Group Process I HSE-112

Class 1 Lab 2 Clinical 0 Work 0 Credit 2

This course introduces interpersonal concepts and group dynamics. Emphasis is placed on self-awareness facilitated by experiential learning in small groups with analysis of personal experiences and the behavior of others. Upon completion, students should be able to show competence in identifying and explaining how people are influenced by their interactions in group settings.

State Prerequisites None

State Corequisites None

 Interviewing Techniques HSE-123

Class 2 Lab 2 Clinical 0 Work 0 Credit 3

This course covers the purpose, structure, focus, and techniques employed in effective interviewing. Emphasis is placed on observing, attending, listening, responding, recording, and summarizing of personal histories with instructor supervision. Upon completion, students should be able to perform the basic interviewing skills needed to function in the helping relationship.

State Prerequisites None

State Corequisites None

 Counseling HSE-125

Class 2 Lab 2 Clinical 0 Work 0 Credit 3

This course covers the major approaches to psychotherapy and counseling, including theory, characteristics, and techniques. Emphasis is placed on facilitation of self-exploration, problem solving, decision making, and personal growth. Upon completion, students should be able to understand various theories of counseling and demonstrate counseling techniques.

State Prerequisites None

 Mental Health Systems MHA-150

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course introduces the treatment and services available at both public and private mental health facilities. Topics include intake procedures, admission criteria, history, and structure of mental health facilities. Upon completion, students should be able to demonstrate competence in articulating both the theory and practice of mental health services delivery.

State Prerequisites Take HSE-110

State Corequisites None

Addictive Process SAB-135

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course explores the physical, emotional, psychological, and cultural aspects of the addictive process. Emphasis is placed on addictions to food, sex, alcohol, drugs, work, gambling, and relationships. Upon completion, students should be able to identify the effects, prevention strategies, and treatment methods associated with addictive disorders.

State Prerequisites None

State Corequisites None

 Basic Anat & Physiology BIO-163

Class 4 Lab 2 Clinical 0 Work 0 Credit 5

This course provides a basic study of the structure and function of the human body. Topics include a basic study of the body systems as well as an introduction to homeostasis, cells, tissues, nutrition, acid-base balance, and electrolytes. Upon completion, students should be able to demonstrate a basic understanding of the fundamental principles of anatomy and physiology and their interrelationships.

State Prerequisites None

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a premajor and/or elective course requirement.

This course has been approved for transfer under the ICAA as a premajor and/or elective course requirement.

HSE Clinical Supervision I HSE-160

Class 1 Lab 0 Clinical 0 Work 0 Credit 1

This course provides an opportunity to discuss clinical experiences with peers and faculty. Emphasis is placed on discussing application of concepts and principles from related course content to clinical placement. Upon completion, students should be able to demonstrate the knowledge, skills, and attitudes required in human services clinical experiences.

State Prerequisites None

State Corequisites Take One: HSE-161, HSE-162, HSE-163, or HSE-164

 HSE Clinical Experience I HSE-162

Class 0 Lab 0 Clinical 6 Work 0 Credit 2

This course provides supervised clinical experience in human services delivery agencies. Emphasis is placed on the application and practice of concepts, principles, knowledge, and skills from related course work. Upon completion, students should be able to demonstrate and apply skills, knowledge, and values from human services classes.

State Prerequisites None

State Corequisites Take HSE-160

 Human Services Issues HSE-210

Class 2 Lab 0 Clinical 0 Work 0 Credit 2

This course covers current issues and trends in the field of human services. Emphasis is placed on contemporary topics with relevance to special issues in a multi-faceted field. Upon completion, students should be able to integrate the knowledge, skills, and experiences gained in classroom and clinical experiences with emerging trends in the field.

State Prerequisites None

State Corequisites None

 Psychological Assessment MHA-155

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course covers psychological assessment. Emphasis is placed on different types of psychological tests. Upon completion, students should be able to recognize and understand the purpose of various psychological tests.

State Prerequisites Take PSY-150

State Corequisites None

 Abnormal Psychology PSY-281

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course provides an examination of the various psychological disorders, as well as theoretical, clinical, and experimental perspectives of the study of psychopathology. Emphasis is placed on terminology, classification, etiology, assessment, and treatment of the major disorders. Upon completion, students should be able to distinguish between normal and abnormal behavior patterns as well as demonstrate knowledge of etiology, symptoms, and therapeutic techniques.

State Prerequisites Take PSY-150

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a general education course in Social/Behavioral Sciences.

This course has been approved for transfer under the ICAA as a general education course in Social/Behavioral Sciences.

 Introduction to Sociology SOC-210

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course introduces the scientific study of human society, culture, and social interactions. Topics include socialization, research methods, diversity and inequality, cooperation and conflict, social change, social institutions, and organizations. Upon completion, students should be able to demonstrate knowledge of sociological concepts as they apply to the interplay among individuals, groups, and societies.

State Prerequisites None

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a general education course in Social/Behavioral Sciences.

This course has been approved for transfer under the ICAA as a general education course in Social/Behavioral Sciences.

 Small Business Management BUS-230

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course introduces the challenges of entrepreneurship including the startup and operation of a small business. Topics include market research techniques, feasibility studies, site analysis, financing alternatives, and managerial decision making. Upon completion, students should be able to develop a small business plan.

State Prerequisites None

State Corequisites None

 Intellectual Disabilities HSE-226

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course covers intellectual disabilities and related issues. Emphasis is placed on the theoretical perspectives, causes, prevention, and treatment of intellectual disabilities. Upon completion, students should be able to demonstrate a general knowledge of individuals with intellectual disabilities.

State Prerequisites None

State Corequisites None

 Advocacy MHA-240

Class 2 Lab 0 Clinical 0 Work 0 Credit 2

This course covers the roles and duties of the client advocate. Topics include treatment planning, needs assessment, referral procedures, and follow-up and integration of services. Upon completion, students should be able to effectively manage the care of the whole person from contact initiation to termination.

State Prerequisites Take HSE-110

State Corequisites None

 Behavioral Modification PSY-265

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course is an applied study of factors influencing human behavior and strategies for behavioral change. Emphasis is placed on cognitive-behavioral theory, behavioral assessment, practical applications of conditioning techniques, and maintenance of adaptive behavior patterns. Upon completion, students should be able to implement basic learning principles to effect behavioral changes in self and others.

State Prerequisites Take PSY-150

State Corequisites None

Sociology of the Family SOC-213

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course covers the institution of the family and other intimate relationships. Emphasis is placed on mate selection, gender roles, sexuality, communication, power and conflict, parenthood, diverse lifestyles, divorce and remarriage, and economic issues. Upon completion, students should be able to analyze the family as a social institution and the social forces which influence its development and change.

State Prerequisites None

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a general education course in Social/Behavioral Sciences.

This course has been approved for transfer under the ICAA as a general education course in Social/Behavioral Sciences

**EMERGENCY MEDICAL SCIENCE (A45340)**

 College Student Success ACA-111

Class 1 Lab 0 Clinical 0 Work 0 Credit 1

This course introduces the college's physical, academic, and social environment and promotes the personal development essential for success. Topics include campus facilities and resources; policies, procedures, and programs; study skills; and life management issues such as health, self-esteem, motivation, goal-setting, diversity, and communication. Upon completion, students should be able to function effectively within the college environment to meet their educational objectives.

State Prerequisites None

State Corequisites None

 EMT EMS-110

Class 6 Lab 6 Clinical 3 Work 0 Credit 9

This course introduces basic emergency medical care. Topics include preparatory, airway, patient assessment, medical emergencies, trauma, infants and children, and operations. Upon completion, students should be able to demonstrate the knowledge and skills necessary to achieve North Carolina State or National Registry EMT certification.

State Prerequisites None

State Corequisites None

 Anatomy and Physiology I BIO-168

Class 3 Lab 3 Clinical 0 Work 0 Credit 4

This course provides a comprehensive study of the anatomy and physiology of the human body. Topics include body organization, homeostasis, cytology, histology, and the integumentary, skeletal, muscular, and nervous systems and special senses. Upon completion, students should be able to demonstrate an in-depth understanding of principles of anatomy and physiology and their interrelationships.

State Prerequisites None

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a premajor and/or elective course requirement.

This course has been approved for transfer under the ICAA as a premajor and/or elective course requirement.

 Survey of Med Terminology MED-120

Class 2 Lab 0 Clinical 0 Work 0 Credit 2

This course introduces the vocabulary, abbreviations, and symbols used in the language of medicine. Emphasis is placed on building medical terms using prefixes, suffixes, and word roots. Upon completion, students should be able to pronounce, spell, and define accepted medical terms.

State Prerequisites None

State Corequisites None

 Writing and Inquiry ENG-111

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course is designed to develop the ability to produce clear writing in a variety of genres and formats using a recursive process. Emphasis includes inquiry, analysis, effective use of rhetorical strategies, thesis development, audience awareness, and revision. Upon completion, students should be able to produce unified, coherent, well-developed essays using standard written English.

Competencies

Student Learning Outcomes

1. Demonstrate writing as a recursive process.

2. Demonstrate writing and inquiry in context using different rhetorical strategies to reflect, analyze, explain, and persuade in a variety of genres and formats.

3. Students will reflect upon and explain their writing strategies.

4. Demonstrate the critical use and examination of printed, digital, and visual materials.

5. Locate, evaluate, and incorporate relevant sources with proper documentation.

6. Compose texts incorporating rhetorically effective and conventional use of language.

7. Collaborate actively in a writing community.

State Prerequisites Take One Set:

Set 1: DRE-097

Set 2: ENG-002

Set 3: BSP-4002

State Corequisites Take ENG-011

College Transfer This course has been approved for transfer under the CAA as a general education course in English Composition.

This course has been approved for transfer under the ICAA as a general education course in English Composition.

 Anatomy and Physiology II BIO-169

Class 3 Lab 3 Clinical 0 Work 0 Credit 4

This course provides a continuation of the comprehensive study of the anatomy and physiology of the human body. Topics include the endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems as well as metabolism, nutrition, acid-base balance, and fluid and electrolyte balance. Upon completion, students should be able to demonstrate an in-depth understanding of principles of anatomy and physiology and their interrelationships.

State Prerequisites Take BIO-168

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a premajor and/or elective course requirement.

This course has been approved for transfer under the ICAA as a premajor and/or elective course requirement.

 EMS Clinical Practicum I EMS-122

Class 0 Lab 0 Clinical 3 Work 0 Credit 1

This course provides the introductory hospital clinical experience for the paramedic student. Emphasis is placed on mastering fundamental paramedic skills. Upon completion, students should be able to demonstrate competency with fundamental paramedic level skills.

State Prerequisites Take EMS-110

State Corequisites None

 Pharmacology EMS-130

Class 3 Lab 3 Clinical 0 Work 0 Credit 4

This course introduces the fundamental principles of pharmacology and medication administration and is required for paramedic certification. Topics include medical terminology, pharmacological concepts, weights, measures, drug calculations, vascular access for fluids and medication administration and legislation. Upon completion, students should be able to accurately calculate drug dosages, properly administer medications, and demonstrate general knowledge of pharmacology.

State Prerequisites Take EMS-110

State Corequisites None

 Advanced Airway Management EMS-131

Class 1 Lab 2 Clinical 0 Work 0 Credit 2

This course is designed to provide advanced airway management techniques and is required for paramedic certification. Topics must meet current guidelines for advanced airway management in the pre-hospital setting. Upon completion, students should be able to properly utilize all airway adjuncts and pharmacology associated with airway control and maintenance.

State Prerequisites Take EMS-110

State Corequisites None

 Cardiology I EMS-160

Class 2 Lab 3 Clinical 0 Work 0 Credit 3

This course introduces the study of cardiovascular emergencies and is required for paramedic certification. Topics include anatomy and physiology, pathophysiology, electrophysiology, and rhythm interpretation. Upon completion, students should be able to recognize and interpret rhythms.

State Prerequisites Take EMS-110

State Corequisites None

Introduction to Computers CIS-110

Class 2 Lab 2 Clinical 0 Work 0 Credit 3

This course introduces computer concepts, including fundamental functions and operations of the computer. Topics include identification of hardware components, basic computer operations, security issues, and use of software applications. Upon completion, students should be able to demonstrate an understanding of the role and function of computers and use the computer to solve problems.

Competencies

1. Identify the basic elements required in a computer system.

2. Produce electronic documents using various software applications.

3. Illustrate the role of the computer for personal and professional uses.

State Prerequisites None

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a general education course in Mathematics (Quantitative).

This course has been approved for transfer under the ICAA as a general education course in Mathematics (Quantitative).

 General Psychology PSY-150

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course provides an overview of the scientific study of human behavior. Topics include history, methodology, biopsychology, sensation, perception, learning, motivation, cognition, abnormal behavior, personality theory, social psychology, and other relevant topics. Upon completion, students should be able to demonstrate a basic knowledge of the science of psychology.

State Prerequisites None

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a general education course in Social/Behavioral Sciences.

This course has been approved for transfer under the ICAA as a general education course in Social/Behavioral Sciences.

 Introduction to Sociology SOC-210

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course introduces the scientific study of human society, culture, and social interactions. Topics include socialization, research methods, diversity and inequality, cooperation and conflict, social change, social institutions, and organizations. Upon completion, students should be able to demonstrate knowledge of sociological concepts as they apply to the interplay among individuals, groups, and societies.

State Prerequisites None

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a general education course in Social/Behavioral Sciences.

This course has been approved for transfer under the ICAA as a general education course in Social/Behavioral Sciences.

 EMS Clinical Practicum II EMS-221

Class 0 Lab 0 Clinical 6 Work 0 Credit 2

This course provides clinical experiences in the hospital and/or field. Emphasis is placed on increasing the proficiency of students' skills and abilities in patient assessments and the delivery of care. Upon completion, students should be able to demonstrate continued progress in advanced-level patient care.

State Prerequisites Take One: EMS-121 or EMS-122

State Corequisites None

 Critical Thinking HUM-115

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course introduces the use of critical thinking skills in the context of human conflict. Emphasis is placed on evaluating information, problem solving, approaching cross-cultural perspectives, and resolving controversies and dilemmas. Upon completion, students should be able to demonstrate orally and in writing the use of critical thinking skills in the analysis of appropriate texts.

State Prerequisites Take one set:

Set 1: DRE-098

Set 2: ENG-002

Set 3: BSP-4002

Set 4: ENG-111

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a general education course in Humanities/Fine Arts.

This course has been approved for transfer under the ICAA as a general education course in Humanities/Fine Arts.

 Cultural Studies HUM-120

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course introduces the distinctive features of a particular culture. Topics include art, history, music, literature, politics, philosophy, and religion. Upon completion, students should be able to appreciate the unique character of the study culture.

State Prerequisites None

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a general education course in Humanities/Fine Arts.

This course has been approved for transfer under the ICAA as a general education course in Humanities/Fine Arts.

 Cardiology II EMS-220

Class 2 Lab 3 Clinical 0 Work 0 Credit 3

This course provides an in-depth study of cardiovascular emergencies and is required for paramedic certification. Topics include assessment and treatment of cardiac emergencies, cardiac pharmacology, and patient care. Upon completion, students should be able to manage the cardiac patient.

State Prerequisites Take All: EMS-122, EMS-130, and EMS-160

State Corequisites None

 EMS Clinical Pract III EMS-231

Class 0 Lab 0 Clinical 9 Work 0 Credit 3

This course provides clinical experiences in the hospital and/or field. Emphasis is placed on enhancing the students' skills and abilities in providing advanced-level care. Upon completion, students should be able to demonstrate continued progress in advanced-level patient care.

State Prerequisites Take EMS-221

State Corequisites None

 Patients W/ Special Challenges EMS-240

Class 1 Lab 2 Clinical 0 Work 0 Credit 2

This course includes concepts of crisis intervention and techniques of interacting with patients with special challenges and is required for paramedic certification. Topics include appropriate intervention and interaction for neglected, abused, terminally ill, chronically ill, technology assisted, bariatric, physically challenged, mentally challenged, or assaulted patients as well as behavioral emergencies. Upon completion, students should be able to recognize and manage the care of patients with special challenges.

State Prerequisites Take All: EMS-122 and EMS-130

State Corequisites None

 Medical Emergencies EMS-250

Class 3 Lab 3 Clinical 0 Work 0 Credit 4

This course provides an in-depth study of medical conditions frequently encountered in the prehospital setting and is required for paramedic certification. Topics include appropriate interventions/treatments for disorders/diseases/injuries affecting the following systems: respiratory, neurological, abdominal/gastrointestinal, endocrine, genitourinary, musculoskeletal, and immunological as well as toxicology, infectious diseases and diseases of the eyes, ears, nose and throat. Upon completion, students should be able to recognize, assess and manage the care of frequently encountered medical conditions based upon initial patient assessment.

State Prerequisites Take All: EMS-122 and EMS-130

State Corequisites None

 Trauma Emergencies EMS-260

Class 1 Lab 3 Clinical 0 Work 0 Credit 2

This course provides in-depth study of trauma including pharmacological interventions for conditions frequently encountered in the prehospital setting and is required for paramedic certification. Topics include an overview of thoracic, abdominal, genitourinary, orthopedic, neurological, and multi-system trauma, soft tissue trauma of the head, neck, and face as well as environmental emergencies. Upon completion, students should be able to recognize and manage trauma situations based upon patient assessment and should adhere to standards of care.

State Prerequisites Take All: EMS-122 and EMS-130

State Corequisites None

 Rescue Scene Management EMS-140

Class 1 Lab 3 Clinical 0 Work 0 Credit 2

This course introduces rescue scene management. Topics include response to hazardous material conditions, incident command, and extrication of patients from a variety of situations. Upon completion, students should be able to recognize and manage rescue operations based upon initial and follow-up scene assessment.

State Prerequisites None

State Corequisites None

 EMS Management EMS-235

Class 2 Lab 0 Clinical 0 Work 0 Credit 2

This course stresses the principles of managing a modern emergency medical service system. Topics include structure and function of municipal governments, EMS grantsmanship, finance, regulatory agencies, system management, legal issues, and other topics relevant to the EMS manager. Upon completion, students should be able to understand the principles of managing emergency medical service delivery systems.

State Prerequisites None

State Corequisites None

 EMS Clinical Practicum IV EMS-241

Class 0 Lab 0 Clinical 12 Work 0 Credit 4

This course provides clinical experiences in the hospital and/or field. Emphasis is placed on mastering the skills/competencies required of the paramedic providing advanced-level care. Upon completion, students should be able to provide advanced-level patient care as an entry-level paramedic.

State Prerequisites Take EMS-231

State Corequisites None

 Life Span Emergencies EMS-270

Class 3 Lab 3 Clinical 0 Work 0 Credit 4

This course covers medical/ethical/legal issues and the spectrum of age-specific emergencies from conception through death required for paramedic certification. Topics include gynecological, obstetrical, neonatal, pediatric, and geriatric emergencies and pharmacological therapeutics. Upon completion, students should be able to recognize and treat age-specific emergencies.

State Prerequisites Take All: EMS-122 and EMS-130

State Corequisites None

 EMS Capstone EMS-285

Class 1 Lab 3 Clinical 0 Work 0 Credit 2

This course provides an opportunity to demonstrate problem-solving skills as a team leader in simulated patient scenarios and is required for paramedic certification. Emphasis is placed on critical thinking, integration of didactic and psychomotor skills, and effective performance in simulated emergency situations. Upon completion, students should be able to recognize and appropriately respond to a variety of EMS-related events.

State Prerequisites Take All: EMS-220, EMS-250, and EMS-260

State Corequisites None

 Writing/Research in the Disc ENG-112

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course, the second in a series of two, introduces research techniques, documentation styles, and writing strategies. Emphasis is placed on analyzing information and ideas and incorporating research findings into documented writing and research projects. Upon completion, students should be able to evaluate and synthesize information from primary and secondary sources using documentation appropriate to various disciplines.

State Prerequisites Take ENG-111

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a general education course in English Composition.

This course has been approved for transfer under the ICAA as a general education course in English Composition.

 Prof Research & Reporting ENG-114

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course, the second in a series of two, is designed to teach professional communication skills. Emphasis is placed on research, listening, critical reading and thinking, analysis, interpretation, and design used in oral and written presentations. Upon completion, students should be able to work individually and collaboratively to produce well-designed business and professional written and oral presentations.

State Prerequisites Take ENG-111

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a general education course in English Composition.

This course has been approved for transfer under the ICAA as a general education course in English Composition.

 Math Measurement & Literacy MAT-110

Class 2 Lab 2 Clinical 0 Work 0 Credit 3

This course provides an activity-based approach that develops measurement skills and mathematical literacy using technology to solve problems for non-math intensive programs. Topics include unit conversions and estimation within a variety of measurement systems; ratio and proportion; basic geometric concepts; financial literacy; and statistics including measures of central tendency, dispersion, and charting of data. Upon completion, students should be able to demonstrate the use of mathematics and technology to solve practical problems, and to analyze and communicate results.

Competencies

Student Learning Outcomes

1. Demonstrate estimation skills and justify results.

2. Use dimensional analysis to convert units of measurement.

3. Employ fractions, percentages and proportions to solve contextual problems.

4. Compute geometric measurements of perimeter, area, volume and angles.

5. Use technology to analyze and interpret elements of personal finance.

6. Compare and contrast measures of center and measures of dispersion.

7. Interpret tables, charts, and graphs and communicate results.

State Prerequisites Take One Set:

Set 1: DMA-010, DMA-020, and DMA-030

Set 2: DMA-025

Set 3: MAT-003

Set 4: BSP-4003

State Corequisites Take MAT-010

 Quantitative Literacy MAT-143

Class 2 Lab 2 Clinical 0 Work 0 Credit 3

This course is designed to engage students in complex and realistic situations involving the mathematical phenomena of quantity, change and relationship, and uncertainty through project- and activity-based assessment. Emphasis is placed on authentic contexts which will introduce the concepts of numeracy, proportional reasoning, dimensional analysis, rates of growth, personal finance, consumer statistics, practical probabilities, and mathematics for citizenship. Upon completion, students should be able to utilize quantitative information as consumers and to make personal, professional, and civic decisions by decoding, interpreting, using, and communicating quantitative information found in modern media and encountered in everyday life.

Competencies

Student Learning Outcomes

1. Judge the reasonableness of results using estimation, logical processes, and a proper understanding of quantity

2. Utilize proportional reasoning to solve contextual problems and make conversions involving various units of measurement

3. Identify, interpret, and compare linear and exponential rates of growth to make predictions and informed decisions based on data and graphs

4. Differentiate between simple and compound interest and analyze the long-term effects of saving, investing, and borrowing

5. Describe, analyze, and interpret statistical information such as graphs, tables, and summarized data to draw appropriate conclusions when presented with actual statistical studies

6. Determine probabilities and expected values and use them to assess risk and make informed decisions

7. Analyze civic and/or societal issues and critique decisions using relevant mathematics

State Prerequisites Take One Set:

Set 1: DMA-010, DMA-020, DMA-030, and DRE-098

Set 2: DMA-010, DMA-020, DMA-030, and ENG-002

Set 3: DMA-010, DMA-020, DMA-030, and BSP-4002

Set 4: DMA-025, and DRE-098

Set 5: DMA-025, and ENG-002

Set 6: DMA-025, and BSP-4002

Set 7: MAT-003 and DRE-098

Set 8: MAT-003 and ENG-002

Set 9: MAT-003 and BSP-4002

Set 10: BSP-4003 and DRE-098

Set 11: BSP-4003 and ENG-002

Set 12: BSP-4003 and BSP-4002

State Corequisites Take MAT-043

College Transfer This course has been approved for transfer under the CAA as a general education course in Mathematics (Quantitative).

This course has been approved for transfer under the ICAA as a general education course in Mathematics (Quantitative).

**EMERGENCY MEDICAL SCIENCE BRIDGING OPTION (A45340B)**

 College Student Success ACA-111

Class 1 Lab 0 Clinical 0 Work 0 Credit 1

This course introduces the college's physical, academic, and social environment and promotes the personal development essential for success. Topics include campus facilities and resources; policies, procedures, and programs; study skills; and life management issues such as health, self-esteem, motivation, goal-setting, diversity, and communication. Upon completion, students should be able to function effectively within the college environment to meet their educational objectives.

State Prerequisites None

State Corequisites None

 Writing and Inquiry ENG-111

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course is designed to develop the ability to produce clear writing in a variety of genres and formats using a recursive process. Emphasis includes inquiry, analysis, effective use of rhetorical strategies, thesis development, audience awareness, and revision. Upon completion, students should be able to produce unified, coherent, well-developed essays using standard written English.

Competencies

Student Learning Outcomes

1. Demonstrate writing as a recursive process.

2. Demonstrate writing and inquiry in context using different rhetorical strategies to reflect, analyze, explain, and persuade in a variety of genres and formats.

3. Students will reflect upon and explain their writing strategies.

4. Demonstrate the critical use and examination of printed, digital, and visual materials.

5. Locate, evaluate, and incorporate relevant sources with proper documentation.

6. Compose texts incorporating rhetorically effective and conventional use of language.

7. Collaborate actively in a writing community.

State Prerequisites Take One Set:

Set 1: DRE-097

Set 2: ENG-002

Set 3: BSP-4002

State Corequisites Take ENG-011

College Transfer This course has been approved for transfer under the CAA as a general education course in English Composition.

This course has been approved for transfer under the ICAA as a general education course in English Composition.

This course provides the introductory hospital clinical experience for the paramedic student. Emphasis is placed on mastering fundamental paramedic skills. Upon completion, students should be able to demonstrate competency with fundamental paramedic level skills.

Introduction to Computers CIS-110

Class 2 Lab 2 Clinical 0 Work 0 Credit 3

This course introduces computer concepts, including fundamental functions and operations of the computer. Topics include identification of hardware components, basic computer operations, security issues, and use of software applications. Upon completion, students should be able to demonstrate an understanding of the role and function of computers and use the computer to solve problems.

Competencies

1. Identify the basic elements required in a computer system.

2. Produce electronic documents using various software applications.

3. Illustrate the role of the computer for personal and professional uses.

State Prerequisites None

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a general education course in Mathematics (Quantitative).

This course has been approved for transfer under the ICAA as a general education course in Mathematics (Quantitative).

 Basic Anat & Physiology BIO-163

Class 4 Lab 2 Clinical 0 Work 0 Credit 5

This course provides a basic study of the structure and function of the human body. Topics include a basic study of the body systems as well as an introduction to homeostasis, cells, tissues, nutrition, acid-base balance, and electrolytes. Upon completion, students should be able to demonstrate a basic understanding of the fundamental principles of anatomy and physiology and their interrelationships.

State Prerequisites None

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a premajor and/or elective course requirement.

This course has been approved for transfer under the ICAA as a premajor and/or elective course requirement

 Rescue Scene Management EMS-140

Class 1 Lab 3 Clinical 0 Work 0 Credit 2

This course introduces rescue scene management. Topics include response to hazardous material conditions, incident command, and extrication of patients from a variety of situations. Upon completion, students should be able to recognize and manage rescue operations based upon initial and follow-up scene assessment.

State Prerequisites None

State Corequisites None

 EMS Bridging Course EMS-280

Class 2 Lab 2 Clinical 0 Work 0 Credit 3

This course is designed to provide currently credentialed state or national Paramedic students with the most current education trends in Paramedic Practice. Emphasis is placed on transitions in healthcare. Upon completion, students should be able to integrate emerging trends in pre-hospital care.

State Prerequisites None

State Corequisites None

 Writing/Research in the Disc ENG-112

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course, the second in a series of two, introduces research techniques, documentation styles, and writing strategies. Emphasis is placed on analyzing information and ideas and incorporating research findings into documented writing and research projects. Upon completion, students should be able to evaluate and synthesize information from primary and secondary sources using documentation appropriate to various disciplines.

State Prerequisites Take ENG-111

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a general education course in English Composition.

This course has been approved for transfer under the ICAA as a general education course in English Composition.

 Prof Research & Reporting ENG-114

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course, the second in a series of two, is designed to teach professional communication skills. Emphasis is placed on research, listening, critical reading and thinking, analysis, interpretation, and design used in oral and written presentations. Upon completion, students should be able to work individually and collaboratively to produce well-designed business and professional written and oral presentations.

State Prerequisites Take ENG-111

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a general education course in English Composition.

This course has been approved for transfer under the ICAA as a general education course in English Composition.

 Critical Thinking HUM-115

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course introduces the use of critical thinking skills in the context of human conflict. Emphasis is placed on evaluating information, problem solving, approaching cross-cultural perspectives, and resolving controversies and dilemmas. Upon completion, students should be able to demonstrate orally and in writing the use of critical thinking skills in the analysis of appropriate texts.

State Prerequisites Take one set:

Set 1: DRE-098

Set 2: ENG-002

Set 3: BSP-4002

Set 4: ENG-111

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a general education course in Humanities/Fine Arts.

This course has been approved for transfer under the ICAA as a general education course in Humanities/Fine Arts.

 Cultural Studies HUM-120

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course introduces the distinctive features of a particular culture. Topics include art, history, music, literature, politics, philosophy, and religion. Upon completion, students should be able to appreciate the unique character of the study culture.

State Prerequisites None

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a general education course in Humanities/Fine Arts.

This course has been approved for transfer under the ICAA as a general education course in Humanities/Fine Arts.

 Math Measurement & Literacy MAT-110

Class 2 Lab 2 Clinical 0 Work 0 Credit 3

This course provides an activity-based approach that develops measurement skills and mathematical literacy using technology to solve problems for non-math intensive programs. Topics include unit conversions and estimation within a variety of measurement systems; ratio and proportion; basic geometric concepts; financial literacy; and statistics including measures of central tendency, dispersion, and charting of data. Upon completion, students should be able to demonstrate the use of mathematics and technology to solve practical problems, and to analyze and communicate results.

Competencies

Student Learning Outcomes

1. Demonstrate estimation skills and justify results.

2. Use dimensional analysis to convert units of measurement.

3. Employ fractions, percentages and proportions to solve contextual problems.

4. Compute geometric measurements of perimeter, area, volume and angles.

5. Use technology to analyze and interpret elements of personal finance.

6. Compare and contrast measures of center and measures of dispersion.

7. Interpret tables, charts, and graphs and communicate results.

State Prerequisites Take One Set:

Set 1: DMA-010, DMA-020, and DMA-030

Set 2: DMA-025

Set 3: MAT-003

Set 4: BSP-4003

State Corequisites Take MAT-010

 Quantitative Literacy MAT-143

Class 2 Lab 2 Clinical 0 Work 0 Credit 3

This course is designed to engage students in complex and realistic situations involving the mathematical phenomena of quantity, change and relationship, and uncertainty through project- and activity-based assessment. Emphasis is placed on authentic contexts which will introduce the concepts of numeracy, proportional reasoning, dimensional analysis, rates of growth, personal finance, consumer statistics, practical probabilities, and mathematics for citizenship. Upon completion, students should be able to utilize quantitative information as consumers and to make personal, professional, and civic decisions by decoding, interpreting, using, and communicating quantitative information found in modern media and encountered in everyday life.

Competencies

Student Learning Outcomes

1. Judge the reasonableness of results using estimation, logical processes, and a proper understanding of quantity

2. Utilize proportional reasoning to solve contextual problems and make conversions involving various units of measurement

3. Identify, interpret, and compare linear and exponential rates of growth to make predictions and informed decisions based on data and graphs

4. Differentiate between simple and compound interest and analyze the long-term effects of saving, investing, and borrowing

5. Describe, analyze, and interpret statistical information such as graphs, tables, and summarized data to draw appropriate conclusions when presented with actual statistical studies

6. Determine probabilities and expected values and use them to assess risk and make informed decisions

7. Analyze civic and/or societal issues and critique decisions using relevant mathematics

State Prerequisites Take One Set:

Set 1: DMA-010, DMA-020, DMA-030, and DRE-098

Set 2: DMA-010, DMA-020, DMA-030, and ENG-002

Set 3: DMA-010, DMA-020, DMA-030, and BSP-4002

Set 4: DMA-025, and DRE-098

Set 5: DMA-025, and ENG-002

Set 6: DMA-025, and BSP-4002

Set 7: MAT-003 and DRE-098

Set 8: MAT-003 and ENG-002

Set 9: MAT-003 and BSP-4002

Set 10: BSP-4003 and DRE-098

Set 11: BSP-4003 and ENG-002

Set 12: BSP-4003 and BSP-4002

State Corequisites Take MAT-043

College Transfer This course has been approved for transfer under the CAA as a general education course in Mathematics (Quantitative).

This course has been approved for transfer under the ICAA as a general education course in Mathematics (Quantitative).

 General Psychology PSY-150

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course provides an overview of the scientific study of human behavior. Topics include history, methodology, biopsychology, sensation, perception, learning, motivation, cognition, abnormal behavior, personality theory, social psychology, and other relevant topics. Upon completion, students should be able to demonstrate a basic knowledge of the science of psychology.

State Prerequisites None

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a general education course in Social/Behavioral Sciences.

This course has been approved for transfer under the ICAA as a general education course in Social/Behavioral Sciences.

 Introduction to Sociology SOC-210

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course introduces the scientific study of human society, culture, and social interactions. Topics include socialization, research methods, diversity and inequality, cooperation and conflict, social change, social institutions, and organizations. Upon completion, students should be able to demonstrate knowledge of sociological concepts as they apply to the interplay among individuals, groups, and societies.

State Prerequisites None

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a general education course in Social/Behavioral Sciences.

This course has been approved for transfer under the ICAA as a general education course in Social/Behavioral Sciences.

 EMS Management EMS-235

Class 2 Lab 0 Clinical 0 Work 0 Credit 2

This course stresses the principles of managing a modern emergency medical service system. Topics include structure and function of municipal governments, EMS grantsmanship, finance, regulatory agencies, system management, legal issues, and other topics relevant to the EMS manager. Upon completion, students should be able to understand the principles of managing emergency medical service delivery systems.

State Prerequisites None

State Corequisites None

**ASSOCIATE DEGREE NURSING (A45110)**

 College Transfer Success ACA-122

Class 0 Lab 2 Clinical 0 Work 0 Credit 1

This course provides information and strategies necessary to develop clear academic and professional goals beyond the community college experience. Topics include the CAA, college policies and culture, career exploration, gathering information on senior institutions, strategic planning, critical thinking, and communications skills for a successful academic transition. Upon completion, students should be able to develop an academic plan to transition successfully to senior institutions.

Competencies

1. Develop a strategic plan for completing community college academic goals, including certificates, diplomas, and/or associate degrees.

2. Develop a strategic plan for transferring to a university and preparing for a new career.

3. Identify the rights and responsibilities of transfer students under the Comprehensive Articulation Agreement (CAA), including Universal General Education Transfer Component (UGETC) designated courses, the Transfer Assured Admissions Policy (TAAP), the CAA appeals process, and university tuition surcharge.

4. Evaluate learning strategies, including note-taking, test-taking, information processing, time management, and memorization techniques, and identify strategies for improvement.

5. Identify essential college resources, including financial aid, advising, registration, tutoring, library services, computer labs, and counseling services and recognize the importance of these resources on student success.

6. Identify essential college policies and procedures, including academic integrity such as avoiding plagiarism; calculating a GPA, and maintaining satisfactory academic progress for financial aid eligibility and/or good academic standing.

State Prerequisites None

State Corequisites None

 Anatomy and Physiology I BIO-168

Class 3 Lab 3 Clinical 0 Work 0 Credit 4

This course provides a comprehensive study of the anatomy and physiology of the human body. Topics include body organization, homeostasis, cytology, histology, and the integumentary, skeletal, muscular, and nervous systems and special senses. Upon completion, students should be able to demonstrate an in-depth understanding of principles of anatomy and physiology and their interrelationships.

State Prerequisites None

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a premajor and/or elective course requirement.

This course has been approved for transfer under the ICAA as a premajor and/or elective course requirement.

 Writing and Inquiry ENG-111

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course is designed to develop the ability to produce clear writing in a variety of genres and formats using a recursive process. Emphasis includes inquiry, analysis, effective use of rhetorical strategies, thesis development, audience awareness, and revision. Upon completion, students should be able to produce unified, coherent, well-developed essays using standard written English.

Competencies

Student Learning Outcomes

1. Demonstrate writing as a recursive process.

2. Demonstrate writing and inquiry in context using different rhetorical strategies to reflect, analyze, explain, and persuade in a variety of genres and formats.

3. Students will reflect upon and explain their writing strategies.

4. Demonstrate the critical use and examination of printed, digital, and visual materials.

5. Locate, evaluate, and incorporate relevant sources with proper documentation.

6. Compose texts incorporating rhetorically effective and conventional use of language.

7. Collaborate actively in a writing community.

State Prerequisites Take One Set:

Set 1: DRE-097

Set 2: ENG-002

Set 3: BSP-4002

State Corequisites Take ENG-011

College Transfer This course has been approved for transfer under the CAA as a general education course in English Composition.

This course has been approved for transfer under the ICAA as a general education course in English Composition.

 General Psychology PSY-150

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course provides an overview of the scientific study of human behavior. Topics include history, methodology, biopsychology, sensation, perception, learning, motivation, cognition, abnormal behavior, personality theory, social psychology, and other relevant topics. Upon completion, students should be able to demonstrate a basic knowledge of the science of psychology.

State Prerequisites None

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a general education course in Social/Behavioral Sciences.

This course has been approved for transfer under the ICAA as a general education course in Social/Behavioral Sciences.

 Intro to Health Concepts NUR-111

Class 4 Lab 6 Clinical 6 Work 0 Credit 8

This course introduces the concepts within the three domains of the individual, healthcare, and nursing. Emphasis is placed on the concepts within each domain including medication administration, assessment, nutrition, ethics, interdisciplinary teams, informatics, evidence-based practice, individual-centered care, and quality improvement. Upon completion, students should be able to provide safe nursing care incorporating the concepts identified in this course.

State Prerequisites None

State Corequisites None

 Anatomy and Physiology II BIO-169

 Class 3 Lab 3 Clinical 0 Work 0 Credit 4

This course provides a continuation of the comprehensive study of the anatomy and physiology of the human body. Topics include the endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems as well as metabolism, nutrition, acid-base balance, and fluid and electrolyte balance. Upon completion, students should be able to demonstrate an in-depth understanding of principles of anatomy and physiology and their interrelationships.

State Prerequisites Take BIO-168

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a premajor and/or elective course requirement.

This course has been approved for transfer under the ICAA as a premajor and/or elective course requirement.

 Health-Illness Concepts NUR-112

Class 3 Lab 0 Clinical 6 Work 0 Credit 5

This course is designed to further develop the concepts within the three domains of the individual, healthcare, and nursing. Emphasis is placed on the concepts of acid-base, metabolism, cellular regulation, oxygenation, infection, stress/coping, health-wellness-illness, communication, caring interventions, managing care, safety, quality improvement, and informatics. Upon completion, students should be able to provide safe nursing care incorporating the concepts identified in this course.

State Prerequisites Take NUR-111

State Corequisites None

 Family Health Concepts NUR-113

Class 3 Lab 0 Clinical 6 Work 0 Credit 5

This course is designed to further develop the concepts within the three domains of the individual, healthcare, and nursing. Emphasis is placed on the concepts of oxygenation, sexuality, reproduction, grief/loss, mood/affect, behaviors, development, family, health-wellness-illness, communication, caring interventions, managing care, safety, and advocacy. Upon completion, students should be able to provide safe nursing care incorporating the concepts identified in this course.

State Prerequisites Take NUR-111

State Corequisites None

 Pharmacology NUR-117

Class 1 Lab 3 Clinical 0 Work 0 Credit 2

This course introduces information concerning sources, effects, legalities, and the safe use of medications as therapeutic agents. Emphasis is placed on nursing responsibility, accountability, pharmacokinetics, routes of medication administration, contraindications and side effects.Upon completion, students should be able to compute dosages and administer medication safely.

State Prerequisites None

State Corequisites None

 Developmental Psych PSY-241

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course is a study of human growth and development. Emphasis is placed on major theories and perspectives as they relate to the physical, cognitive, and psychosocial aspects of development from conception to death. Upon completion, students should be able to demonstrate knowledge of development across the life span.

State Prerequisites Take PSY-150

State Corequisites None

 Introduction to Computers CIS-110

Class 2 Lab 2 Clinical 0 Work 0 Credit 3

This course introduces computer concepts, including fundamental functions and operations of the computer. Topics include identification of hardware components, basic computer operations, security issues, and use of software applications. Upon completion, students should be able to demonstrate an understanding of the role and function of computers and use the computer to solve problems.

Competencies

1. Identify the basic elements required in a computer system.

2. Produce electronic documents using various software applications.

3. Illustrate the role of the computer for personal and professional uses.

State Prerequisites None

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a general education course in Mathematics (Quantitative).

This course has been approved for transfer under the ICAA as a general education course in Mathematics (Quantitative).

 Holistic Health Concepts NUR-114

Class 3 Lab 0 Clinical 6 Work 0 Credit 5

This course is designed to further develop the concepts within the three domains of the individual, healthcare, and nursing. Emphasis is placed on the concepts of cellular regulation, perfusion, inflammation, sensory perception, stress/coping, mood/affect, cognition, self, violence, health-wellness-illness, professional behaviors, caring interventions, and safety. Upon completion, students should be able to provide safe nursing care incorporating the concepts identified in this course.

State Prerequisites Take NUR-111

State Corequisites None

 Health Care Concepts NUR-211

Class 3 Lab 0 Clinical 6 Work 0 Credit 5

This course is designed to further develop the concepts within the three domains of the individual, healthcare, and nursing. Emphasis is placed on the concepts of cellular regulation, perfusion, infection, immunity, mobility, comfort, behaviors, health-wellness-illness, clinical decision-making, caring interventions, managing care, and safety. Upon completion, students should be able to provide safe nursing care incorporating the concepts identified in this course.

State Prerequisites Take NUR-111

State Corequisites None

 Health System Concepts NUR-212

Class 3 Lab 0 Clinical 6 Work 0 Credit 5

This course is designed to further develop the concepts within the three domains of the individual, healthcare, and nursing. Emphasis is placed on the concepts of grief/loss, violence, health-wellness-illness, collaboration, managing care, safety, advocacy, legal issues, policy, healthcare systems, ethics, accountability, and evidence-based practice. Upon completion, students should be able to provide safe nursing care incorporating the concepts identified in this course

State Prerequisites Take NUR-111

State Corequisites None

 Writing/Research in the Disc ENG-112

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course, the second in a series of two, introduces research techniques, documentation styles, and writing strategies. Emphasis is placed on analyzing information and ideas and incorporating research findings into documented writing and research projects. Upon completion, students should be able to evaluate and synthesize information from primary and secondary sources using documentation appropriate to various disciplines.

State Prerequisites Take ENG-111

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a general education course in English Composition.

This course has been approved for transfer under the ICAA as a general education course in English Composition.

 Prof Research & Reporting ENG-114

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course, the second in a series of two, is designed to teach professional communication skills. Emphasis is placed on research, listening, critical reading and thinking, analysis, interpretation, and design used in oral and written presentations. Upon completion, students should be able to work individually and collaboratively to produce well-designed business and professional written and oral presentations.

State Prerequisites Take ENG-111

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a general education course in English Composition.

This course has been approved for transfer under the ICAA as a general education course in English Composition.

 Critical Thinking HUM-115

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

This course introduces the use of critical thinking skills in the context of human conflict. Emphasis is placed on evaluating information, problem solving, approaching cross-cultural perspectives, and resolving controversies and dilemmas. Upon completion, students should be able to demonstrate orally and in writing the use of critical thinking skills in the analysis of appropriate texts.

State Prerequisites Take one set:

Set 1: DRE-098

Set 2: ENG-002

Set 3: BSP-4002

Set 4: ENG-111

State Corequisites None

College Transfer This course has been approved for transfer under the CAA as a general education course in Humanities/Fine Arts.

This course has been approved for transfer under the ICAA as a general education course in Humanities/Fine Arts.

 Complex Health Concepts NUR-213

Class 4 Lab 3 Clinical 15 Work 0 Credit 10

This course is designed to assimilate the concepts within the three domains of the individual, healthcare, and nursing. Emphasis is placed on the concepts of fluid/electrolytes, metabolism, perfusion, mobility, stress/coping, violence, health-wellness-illness, professional behaviors, caring interventions, managing care, healthcare systems, and quality improvement. Upon completion, students should be able to demonstrate the knowledge, skills, and attitudes necessary to provide quality, individualized, entry level nursing care.

State Prerequisites Take NUR-111

State Corequisites Take NUR-112, NUR-113, NUR-114, NUR-211 and NUR-212