

Program Planning Guide

Therapeutic and Diagnostic Services: Nurse Aide (Pre-Nursing)

Credential: Diploma in Nurse Aide (D45970)

This curriculum is designed to prepare students for careers in Health Sciences. Students will complete general education courses that provide a foundation for success in nursing and allied health curricula. Students may select a career pathway that will prepare them for an entry level position in health care. Courses may also provide foundational knowledge needed in the pursuit of advanced health science degrees or programs. Graduates should qualify for an entry-level job associated with the program major.

The Nurse Aide curriculum prepares individuals to work under the supervision of licensed nursing professionals in performing nursing care and services for persons of all ages. Topics include growth and development, personal care, vital signs, communication, nutrition, medical asepsis, therapeutic activities, accident and fire safety, household environment and equipment management, family resources and services and employment skills. Upon completion, the student may be eligible for listing as a Nurse Aide I and other selected Nurse Aide registries as determined by the local program of study.

Prerequisites: CPR Certification (HEA 112), TB Screening and vaccinations required 2 weeks prior to first day of NAS 101 class. See Clinical Affiliation Requirements in the College Catalog: Nurse Aide Certificate.

Program Length: 3 semesters

Career Pathway Options: Diploma in Therapeutic and Diagnostic Services: Nurse Aide (Pre-Nursing), Nurse Aide Certificate, Practical Nursing Diploma; Associate in Applied Sciences Degree in Associate Degree Nursing, RN to BSN (NCCCS and UNC System Articulation Agreement)

Program Site(s):

Lee Campus-Day/Evening/Weekend

Suggested Course Schedule

1 st Semester (Fall)		Hours				Grade	Semester	Notes
		Class	Lab	Clinic	SHC			
ACA 115	Success and Study Skills	0	2	0	1			
ENG 111	Writing & Inquiry	3	0	0	3			
HSC 110	Orientation to Health Careers	1	0	0	1			
HEA 112	First Aid & CPR	1	2	0	2			
CHM 130	Gen, Org & Biochemistry	3	0	0	3			
CHM 130a	Gen, Org & Biochemistry Lab	0	2	0	1			
NAS 101	Nurse Aide I	3	4	3	6			
		11	10	3	17			

2 nd Semester (Spring)		Hours				Grade	Semester	Notes
		Class	Lab	Clinic	SHC			
BIO 165	Anatomy & Physiology I	3	3	0	4			
SOC 240	Social Psychology	3	0	0	3			
HUM 115	Critical Thinking	3	0	0	3			
NAS 102	Nurse Aide II	3	2	6	6			
	<i>English Elective (Select One)</i>							
ENG 112	Writing/Research in the Disc or	3	0	0	3			
ENG 114	Prof Research & Reporting	3	0	0	3			
		15	5	6	19			

3 rd Semester (Summer)		Hours				Grade	Semester	Notes
		Class	Lab	Clinic	SHC			
BIO 166	Anatomy & Physiology II	3	3	0	4			
	<i>English Elective (Select One)</i>							

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ENG 231	American Literature I or	3	0	0	3			
ENG 232	American Literature II	3	0	0	3			
	<i>History Elective (Select One)</i>							
HIS 111	World Civilizations I or	3	0	0	3			
HIS 131	American History I	3	0	0	3			
		9	0	0	10			

Total Semester Hours Required for Diploma in Therapeutic and Diagnostic Services, Nurse Aide (Pre-Nursing): 46

Course Descriptions:

ACA 115 Success and Study Skills 0-2-0-1

This course provides an orientation to the campus resources and academic skills necessary to achieve educational objectives. Emphasis is placed on an exploration of facilities and services, study skills, library skills, self-assessment, wellness, goal-setting, and critical thinking. Upon completion, students should be able to manage their learning experiences to successfully meet educational goals.

BIO 165 Anatomy and Physiology I 3-3-0-4

Prerequisite: Take one: BIO 090, BIO 094, or BIO 110, or by permission of instructor

This course is the first of a two-course sequence which provides a comprehensive study of the anatomy and physiology of the human body. Topics include the structure, function, and interrelationship of organ systems with emphasis on the processes which maintain homeostasis. Upon completion, students should be able to demonstrate an in-depth understanding of principles of anatomy and physiology and their interrelationships. This course has been approved for transfer under the CAA and ICAA as a premajor and/or elective course requirement.

BIO 166 Anatomy and Physiology II 3-3-0-4

Prerequisites BIO 165

This course is the second in a two-course sequence which provides a comprehensive study of the anatomy and physiology of the human body. Topics include the structure, function, and interrelationship of organ systems with emphasis on the processes which maintain homeostasis. Upon completion, students should be able to demonstrate an in-depth understanding of principles of anatomy and physiology and the interrelationships of all body systems. This course has been approved for transfer under the CAA and ICAA as a premajor and/or elective course requirement.

CHM 130 Gen, Org, & Biochemistry 3-0-0-3

Local Co-requisite: CHM 130A

This course provides a survey of basic facts and principles of general, organic, and biochemistry. Topics include measurement, molecular structure, nuclear chemistry, solutions, acid-base chemistry, gas laws, and the structure, properties, and reactions of major organic and biological groups. Upon completion, students should be able to demonstrate an understanding of fundamental chemical concepts. This course has been approved for transfer under the CAA and ICAA as a premajor and/or elective course requirement.

CHM 130A Gen, Org, & Biochem Lab 0-2-0-1

Co-requisite: CHM 130

This course is a laboratory for CHM 130. Emphasis is placed on

laboratory experiences that enhance materials presented in CHM 130. Upon completion, students should be able to utilize basic laboratory procedures and apply them to chemical principles presented in CHM 130. This course has been approved for transfer under the CAA and ICAA as a premajor and/or elective course requirement.

ENG 111 Writing and Inquiry 3-0-0-3

Prerequisites: Take one set: RED 090 and ENG 090, ENG 095*, DRE 098 or appropriate placement.*

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

ENG 112 Argument-Based Research 3-0-0-3

Prerequisites: ENG 111

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

ENG 114 Prof Research & Reporting 3-0-0-3

Prerequisites: ENG 111

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

ENG 231 American Literature I 3-0-0-3

Prerequisites: Take one ENG 112, ENG 113, or ENG 114

This course covers selected works in American literature from its beginnings to 1865. Emphasis is placed on historical *background*, cultural context, and literary analysis of selected prose, poetry,

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and drama. Upon completion, students should be able to analyze and interpret literary works in their historical and cultural contexts. This course has been approved for transfer under the CAA and ICAA as a general education course in Humanities/Fine Arts.

ENG 232 American Literature II 3-0-0-3

Prerequisites: Take one ENG 112, ENG 113, or ENG 114

This course provides an intensive study of the works of several major American authors. Emphasis is placed on American history, culture, and the literary merits. Upon completion, students should be able to interpret, analyze, and evaluate the works studied. This course has been approved for transfer under the CAA and ICAA as a general education course in English Composition.

HEA 112 First Aid & CPR 1-2-0-2

This course introduces the basics of emergency first aid treatment. Topics include rescue breathing, CPR, first aid for choking and bleeding, and other first aid procedures. Upon completion, students should be able to demonstrate skills in providing emergency care for the sick and injured until medical help can be obtained.

HIS 111 World Civilizations I 3-0-0-3

This course introduces world history from the dawn of civilization to the early modern era. Topics include Eurasian, African, American, and Greco-Roman civilizations and Christian, Islamic and Byzantine cultures. Upon completion, students should be able to analyze significant political, socioeconomic, and cultural developments in pre-modern world civilizations. This course has been approved for transfer under the CAA and ICAA as a premajor and/or elective course requirement Social/Behavioral Sciences.

HIS 131 American History I 3-0-0-3

This course is a survey of American history from pre-history through the Civil War era. Topics include the migrations to the Americas, the colonial and revolutionary periods, the development of the Republic, and the Civil War. Upon completion, students should be able to analyze significant political, socioeconomic, and cultural developments in early American history. This course has been approved for transfer under the CAA and ICAA as a premajor and/or elective course requirement Social/Behavioral Sciences.

HSC 110 Orientation to Health Careers 1-0-0-1

This course is a survey of health care professions. Topics include professional duties and responsibilities, working environments, and career choices. Upon completion, students should be able to demonstrate an understanding of the health care professions and be prepared to make informed career choices.

HUM 115 Critical Thinking 3-0-0-3

Prerequisites: Take one set: DRE 098, ENG 090 and RED 090, ENG 095**

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

NAS 101 Nurse Aide I 3-4-3-6

This course includes basic nursing skills required to provide safe, competent personal care for individuals. Emphasis is placed on person-centered care, the aging process, communication, safety/emergencies, infection prevention, legal and ethical issues, vital signs, height and weight measurements, elimination, nutrition, basic restorative care/rehabilitation, dementia, mental health and end-of-life care. Upon completion, students should be able to demonstrate knowledge and skills and be eligible to test for listing on the North Carolina Nurse Aide I Registry.

NAS 102 Nurse Aide II 3-2-6-6

Prerequisites: NAS 101

This course provides training in Nurse Aide II tasks. Emphasis is placed on the role of the Nurse Aide II, sterile technique and specific tasks such as urinary catheterization, wound care, respiratory procedures, ostomy care, peripheral IV assistive activities, and alternative feeding methods. Upon completion, students should be able to demonstrate knowledge and skills and safe performance of skills necessary to be eligible for listing on the North Carolina Nurse Aide II Registry.

SOC 240 Social Psychology 3-0-0-3

This course examines the influence of culture and social groups on individual behavior and personality. Emphasis is placed on the process of socialization, communication, conformity, deviance, interpersonal attraction, intimacy, race and ethnicity, small group experiences, and social movements. Upon completion, students should be able to identify and analyze cultural and social forces that influence the individual in a society. This course has been approved for transfer under the CAA and ICAA as a premajor and/or elective course requirement in Social/Behavioral Sciences.