

**CAMBRIDGE**  
Institute of Allied Health & Technology



## **ADDENDUM TO THE CATALOG**

**INSTITUTIONAL CATALOG  
ADDENDUM**

**Altamonte Springs Campus  
April 24, 2015**

## **FACULTY & ADMINISTRATION:**

### **CORPORATE ADMINISTRATION**

Dr. Terrence W. LaPier, Ph.D. - President  
 David Colozzi-Chief Operating Officer  
 Julie Orloff, M.Ed., CMA, RMA, CPC – Vice President of Compliance & Regulatory  
 Theresa Cowan – Corporate Director of Financial Aid  
 Dominique Werner – Corporate Registrar  
 Adrian Rorie, BBM – Controller

### **CAMPUS ADMINISTRATION**

Cynthia Abromitis, MAEd, RDMS, RVT, RT (R) - Interim Campus Director – Full Time  
 Gordon Hunt – Director of Admissions – Full Time  
 Daisy Tabachow - Financial Aid Manager – Full time  
 Katherine Miranda – Registrar – Full Time  
 Theresa McKenzie - Career Services Director – Full Time

### **EDUCATION**

#### **Dr. Jennifer L. Norton RT(R), DOM – Full Time**

Niagara County Community College  
 Sanborn, New York  
 Florida College of Integrative Medicine  
 Orlando, Florida  
 Advanced Medical Assistant Program Director

#### **Jenny Nerey-Machado, CMA – Full Time**

Institution de Medicina, C.J. Finlay de Camaguey, Cuba  
 Doctor of Medicine  
 Camaguey, Cuba  
 Medical Assistant Program Instructor

#### **Steve Mathis, CMA, BMO - adjunct**

Central Florida Institute---Orlando, FL  
 Medical Assistant and Electronic Medical Records Instructor

#### **Margaret Muni, LPN – adjunct**

Dorothy Aristone School of Nursing  
 Maple Shade, New Jersey  
 Patient Care Technician Instructor

#### **Carmen Brown, RN, BSN - adjunct**

Central Michigan University, Michigan  
 Medgar Evers College, New York  
 Nursing Assistant Instructor

**Marsha Pearce, LPN – Full Time**

Seminole Community College  
Sanford, Florida  
Patient Care Technician Instructor

**James Fields, LPN – adjunct**

VEEB LPN School—Nassau, NY  
Phlebotomy Instructor

**Carmen Stryzak, LPN -adjunct**

Traviss Technical Center—Lakeland, FL  
Patient Care Technician Instructor

**Rosalie Villecco, BSN, CARN – Full Time**

Daytona State College – Daytona Beach  
University of Central Florida - Orlando  
Program Director, Practical Nursing

**Julie Bavin, BSN – Full Time**

St. Petersburg College – St. Petersburg FL  
Health Administration – University of Central Florida  
Clinical Coordinator, Practical Nursing

**Sally Springman, RN – Full Time**

Indiana University, Gary, IN  
Practical Nursing Instructor

**Duane Carr, RN - adjunct**

Nursing – Valencia Community College – Orlando, FL  
Phlebotomy Instructor

**Robin Hobbs, RN - adjunct**

Nursing – Excelsior College – Albany, NY  
Practical Nursing Instructor

**Fiona Mackay, RN, MSN - adjunct**

Chamberlain College of Nursing, Online  
Practical Nursing Instructor

**Gary Wright, RN, BSN - adjunct**

Valencia Community College—Orlando, FL  
Mountain State University—West Virginia  
Practical Nursing Instructor

**Karen Schmitt, RN - adjunct**

Seminole State College—Sanford, FL  
Practical Nursing Instructor

**Skye Roberts, RN - adjunct**

Bethune-Cookman University—Daytona Beach, FL  
 Practical Nursing Instructor

**Linda Leigh Scott, RN - adjunct**

Keiser University—Melbourne, FL  
 Practical Nursing Instructor

**Samantha Paramesvaran, BSN, MSN - adjunct**

Johns Hopkins University—Baltimore, MD  
 University of Central Florida—Orlando, FL  
 Practical Nursing Instructor

**Gregory Atkins, RN - adjunct**

Herzing University—Winter Park, FL  
 Practical Nursing Instructor

**Program Start Dates: 2015**

	<u>PCT Day</u>	<u>PCT Eve</u>	<u>NA</u>	<u>PH Day</u>	<u>PH Eve</u>	<u>PN Day</u>	<u>PN Eve</u>	<u>MA</u>	<u>EMR</u>
<b>April</b>	<b>4.9.15</b>	<b>4.9.15</b>				<b>4.13.15</b>	<b>4.27.15</b>	<b>4.21.15</b>	<b>4.1.15 4.23.15</b>
<b>May</b>	<b>5.6.15</b>	<b>5.6.15</b>	<b>5.26.15</b>					<b>5.19.15</b>	<b>5.18.15</b>
<b>June</b>	<b>6.1.15</b>	<b>6.1.15</b>		<b>6.15.15</b>	<b>6.15.15</b>			<b>6.8.15</b>	<b>6.4.15 6.23.15</b>
<b>July</b>	<b>7.6.15</b>	<b>7.6.15</b>	<b>7.6.15</b>			<b>7.13.15</b>		<b>7.8.15 7.28.15</b>	<b>7.22.15</b>
<b>August</b>	<b>8.3.15 8.31.15</b>	<b>8.3.15 8.31.15</b>	<b>8.3.15 8.31.15</b>				<b>8.24.15</b>	<b>8.20.15</b>	<b>8.10.15 8.24.15</b>
<b>September</b>				<b>9.8.15</b>	<b>9.8.15</b>			<b>9.8.15</b>	<b>9.8.15 9.22.15</b>

<b>October</b>	<b>10.12.15</b>	<b>10.12.15</b>	<b>10.5.15</b>			<b>10.12.15</b>		<b>10.5.15</b>	<b>10.6.15</b> <b>10.22.15</b>
<b>November</b>	<b>11.17.15</b>	<b>11.17.15</b>	<b>11.2.15</b>	<b>11.30.15</b>	<b>11.30.15</b>		<b>11.16.15</b>		<b>11.17.15</b>
<b>December</b>			<b>12.7.15</b>						<b>12.7.15</b>

## **AS in Nursing start: TBD**

### **Breaks**

Spring Break – March 16-20 2015

Summer Break – June 29-30 – July 1-3 2015

Winter Break – December 21-31 2015 – January 1 2016

### **Holiday Schedule**

*Students do not attend class on the following holidays:*

New Year's Day

Martin Luther King, Jr. Day

President's Day

Memorial Day

Independence Day (Observed)

Labor Day

Veterans Day

Thanksgiving Day & day after Thanksgiving Day

Christmas Eve & Christmas Day

### **Hours of Operation**

Monday thru Friday 8:30am – 10:00pm

## **Update to the Catalog – Financial Information Page 7-9**

Updated parameters and awarding methods for FSEOG.

### **Directions:**

- The max award is **\$750** for each campus per FAFSA award year.
- This is first come first awarded grant, with the lowest EFC starting at Zero and the student is Pell Grant eligible.
- The Processing Dates on the FAFSA is evaluated to see who applied first to the institution

- One Grant is awarded for the Award Year and per Academic Year
- The FSEOG is set up in two (2) disbursements
- The new awards start with every July class going forward
- Existing students are also eligible to receive the FSEOG based on need and under the following selection criteria:
  - Existing students must be at the beginning of a new academic year
  - New students are given first priority, then if funds are available, existing students can be reviewed for eligibility
  - Students must not be on Satisfactory Academic Progress (SAP) Warning or Probation
  - The student has not received a prior award in that same academic year (i.e. the student can only receive one full FSEOG grant per academic year and a full grant is defined as \$750)
  - Processing dates on the ISIR apply if in a new award year, so students who complete their FAFSA early will be considered first for a FSEOG award

### **Withdraw Policy**

Official withdrawal from the course, no credit earned. If a student's last date of attendance is at the 20% point of attendance of a course, they will receive a grade of F. If a student's last date of attendance is before the 20% point of attendance of course, they will receive a grade of W. Full refund of tuition applies when a student has withdrawn from courses after the add/drop, but less than 20% of each course.

The add/drop period for a course that is 16 weeks in length, is two weeks from the start of the course. The add/drop period for a course that is 8 (correction) weeks in length, is one week from the start of the course.

The Crossroad Scholarship will no longer be offered at this time.

## **Update to the Catalog – Leave of Absence page 19-20**

### **Leave of Absence**

In the event of an emergency, Cambridge Institute of Allied Health & Technology may grant a leave of absence. However, when students are not in regular attendance, they jeopardize the quality of their education. Therefore, a leave of absence is discouraged.

A leave of absence must be requested in writing on an official Leave of Absence Form obtainable from the administrative office of Cambridge Institute of Allied Health & Technology prior to the beginning of the proposed requested leave. A leave of absence must be approved by the Program Director and/or the Academic Dean and may not exceed 180 days or the start of the next available class at the current location, whichever event shall first occur. Only one leave of absence per academic year is permitted.

## Update to the Catalog – Programs page 28

Medical Assistant  
Diploma Program  
Method of Delivery: Residential  
46 weeks/ 1150 clock hours

### Program Description

More and more medical offices desire to hire medical assistants who possess diverse skill sets. Graduates of the program who choose to take the Basic X-ray Machine Operator may do so, and if the exam is successfully passed, they may perform limited X rays in multiple healthcare settings. Other settings in which an Advanced Medical Assistant and Imaging Specialist can seek employment include physician's offices, outpatient medical facilities, hospital, imaging centers, clinics, mobile imaging units or other related health care setting. Specific course objectives relate to administrative procedures that include use of computerized practice management software, medical billing, and insurance codes, office supplies, collections, correspondence, knowledge and appointment scheduling. Course objectives relative to clinical procedures include: anatomy & physiology, medication administration, injections, EKG, assisting with minor surgical procedures, phlebotomy and lab procedures in a physician's office, outpatient medical facility, hospital and other related healthcare settings. Student must complete a 200 hour externship in an ambulatory care medical facility. Program graduates are eligible to take the following credentialing examinations: Registered Medical Assistant (RMA) through the American Medical Technologists (AMT) or Certified Medical Assistant exam (CMA through the American Association of Medical Assistants. The National Certification for Phlebotomy Technician examination may be taken (not required by the state) when the applicable number of venipuncture's and capillary sticks have been obtained and documented by an employer.

HC101	Health Core & Body Systems	100
XR101	Introduction to Radiography for the Medical Assistant	80
XR102	Radiography of the Chest, Upper Extremities, and Shoulder Girdle	70
XR103	Radiography of the Lower Extremities, Abdomen and Pelvis	70
XR104	Radiography of the Skull and Spine	70
MA 100	Introductions to Medical Assisting	20
MA101	Administrative Medical Office Procedures	80
MA103	Anatomy & Physiology/Related Diseases	80
MA104	Electrocardiography	80
MA105	Pharmacology/ Medication Administration	80
PH101	Phlebotomy	120
MA106	Clinical Procedures	100
MA107	Medical Assistant Externship	200

## Course Description

XR101 Introduction to radiography for the Medical Assistant 80 hours  
 This course instructs the student in basic physics of radiographic exposure, principles of radiation protection, and patient care management. This course also includes digital image receptors, the x-ray darkroom, film critique, standards of professionalism and ethics. Emphasis is placed on PACS (Picture Archiving and Communications Systems).

Prerequisites: None

XR102 Radiography of the Chest, Upper Extremities, and Shoulder Girdle 70 hours  
 This course includes radiological and positioning terminology for the chest, upper extremities, and shoulder girdle.

Prerequisites: None

XR103 Radiography of the Lower Extremities, Abdomen and Pelvis 70 hours  
 This course includes radiological and positioning terminology for the lower extremities, abdomen, and pelvis.

Prerequisites: None

XR104 Radiography of the Skull and Spine 70 hours  
 This course includes anatomy of the Skull and Spine with terminology and radiographic positioning, procedures, and techniques.

Prerequisites: None

HC101 Health Core and Body Systems 100 hours  
 This course includes health care delivery system, health occupations, communication, interpersonal skills, computer literacy, infection control, and recognition and response to emergency situations. This course also includes safety and security, ethical and legal issues, employability skills, basic math and science, and wellness and disease concepts. In addition, students receive instruction and certification in HIV/AIDS, Domestic Violence, and OSHA. Students in this course become familiar with Basic X Ray machine operations.

Prerequisites: None

MA 100 Introduction to Medical Assisting 20 hours  
 This course is designed to introduce the student to the healthcare field of Medical Assisting.

Prerequisites: None

MA101 Administrative Medical Office Procedures 80 hours  
 This course is designed to introduce the student to office processes. Included is knowledge of insurance, preparing claims, billing, coding, basic bookkeeping, and accounting. Transcription and documentation are introduced. Computer software is introduced and used in the computer lab. It also introduces the student to the office environment and initial front office procedures. Ethical and legal issues are discussed. Principles of oral and written communications are introduced. The student is introduced to computerized practice management, electronic health

records, and appointment scheduling system software as they learn about scheduling, referrals, and the office communications.

Prerequisites: None

MA103 Anatomy & Physiology/Related Diseases 80 hours

This course includes fundamental anatomy and physiology of the human body. The student is introduced to selected body systems as well as common diseases related to each, Included are nervous, senses, skin, skeletal, muscular, and immune system.

Prerequisites: None

MA104 Electrocardiography 80 hours

This course is designed to teach the student how to perform a 12-lead Electrocardiogram. Included are basic anatomy and electrophysiology of the heart. The student will be able to identify sinus rhythms as well as life-threatening dysrhythmias. Lab included.

Prerequisites: None

MA105 Pharmacology/ Medication Administration 80 hours

This introduces the student to basic pharmacology and medication administration. Included are drug classifications, calculations, abbreviations, and safety. The student is instructed in preparation and administration of medications including injections.

Prerequisites: None

PH101 Phlebotomy 120 hours

This course includes an introduction to phlebotomy, equipment, safety, and specimen collection techniques. The student receives instruction in anatomy, infection control, special procedures and documenting competency skills.

Prerequisites: None

MA106 Clinical Procedures 100 hours

This course instructs the students in the following clinical duties and responsibilities, clinical duty preparation, medical database, exam preparation and related clinical procedures, laboratory & specimen collection, diagnostic tests and procedures, minor surgical procedures, acute illness, accidents, and emergencies.

Prerequisites: None

MA107 Medical Assisting Externship 200 hours

Required classes: All theory and lab classes

The medical assistant externship will be completed in a physician's office, outpatient medical facility, hospital, or other relative healthcare setting.

Prerequisites: None

## Updated Fee Schedule page 10 of the Catalog

Program	Application Fee	Tuition	Other Fees not in Tuition
Medical Assistant	\$50.00	\$14,000.00	\$30.00 Grad Fee
AS in Nursing	\$50.00	\$46,750.00	\$30.00 Grad Fee

### *Nursing*

Associate in Science Degree Program  
 1725 Hours  
 77 Semester Credits  
 96 Instructional Weeks

#### Program Description

The Associate in Science Nursing program at Cambridge Institute of Allied Health & Technology is designed to provide training and education in order to prepare graduates to plan, deliver, and manage patient care as registered nurses in a variety of settings. The program offers students the opportunity to learn to effectively function as an integral part of the interdisciplinary team in a complex healthcare delivery system. At the completion of the program, graduates who have attended class and their clinical rotations, studied, and practiced their skills should have the ability to make successful application for state licensure and, upon passing the required state examination, to seek entry-level employment as registered nurses.

The requirements of the Program for graduation are as follows:

- Completion of all program courses with a satisfactory grade of 75% or above in theory and a passing grade in all clinical courses
- Completion with an earned grade point average of 2.5 or above
- Tuition accounts satisfied
- Completion of a practice NCLEX-RN exam with a minimum passing score of 75%. If below 75%, evidence of remediation in identified areas is necessary.

Core Curriculum	Code	Course Name		
	NUR111	Nursing Concepts	1	15
	NUR112	Nursing Fundamentals	3	45
	NUR112C	Nursing Fundamentals Clinical	2	90
	NUR112L	Nursing Fundamentals Lab	1	30
	NUR123	Medical/Surgical Nursing 1	3	45
	NUR123C	Medical/Surgical Nursing 1 Clinical	2	90
	NUR123L	Medical/Surgical Nursing 1 Lab	1	30
	NUR145	Pharmacology in Nursing Practice I	2	30
	NUR146	Pharmacology in Nursing Practice II	1	15

NUR163	Maternal-Child Nursing	3	45
NUR163C	Maternal-Child Nursing Clinical	2	90
NUR212	Integrated Medical/ Surgical Nursing I	3	45
NUR212C	Integrated Medical/Surgical Nursing I Clinical	2	90
NUR212L	Integrated Medical/ Surgical Nursing I Lab	1	30
NUR213	Integrated Medical/ Surgical Nursing II	3	45
NUR213C	Integrated Medical/ Surgical Nursing II Clinical	2	90
NUR220	Mental Health Nursing	2	30
NUR220C	Mental Health Nursing Clinical	2	90
NUR243C	Nursing Preceptorship	3	135
NUR250	Advanced Maternal/Infant Nursing	2	30
NUR250C	Advanced Maternal/Infant Nursing Clinical	1	45

### General Education

BSC1085	Anatomy & Physiology I	3	45
BSC1085L	Anatomy & Physiology I Lab	1	30
BSC1086	Anatomy & Physiology II	3	45
BSC1086L	Anatomy & Physiology II Lab	1	30
CTS1050	Introduction to Computers	3	45
ENC1101	English Composition	3	45
HCS1000	Introduction to Health Science	3	45
MAC1105	College Algebra	3	45
MEA1239	Medical Terminology	2	30
MIC150	Microbiology	3	45
MIC150L	Microbiology Lab	1	30
NUT180	Nutrition	3	45
PSY1012	Introduction to Psychology	3	45
SPC1016	Fundamentals of Speech	3	45
Total		77	1725

### Course Descriptions

BSC 1085 - Anatomy & Physiology I                      3 Credits              45 Clock Hours

In this course will explore the human body as a whole, its levels or organization, the terms used in describing body structure and directional terms, homeostatic mechanisms, the relationship of structure and function and how they relate to each other and homeostasis as directed by each body system involved. Anatomy and Physiology I will focus on the cells, cell metabolism, tissues and membranes, integumentary system and body temperature, skeletal system, muscular system, nervous system tissue and brain, nervous system spinal cord & peripheral nerves, autonomic nervous system and special senses. Prerequisites: None

BSC 1085L - Anatomy & Physiology I Lab                    1 Credit            30 Clock Hours  
 Students will explore the structure and function of tissues and organs in a laboratory setting.  
 Co-requisite: BSC 1085

BSC 1086 - Anatomy & Physiology II                    3 Credits            45 Clock Hours  
 This course is a continuation of BSC 1085 lecture. Students will continue to will explore the human body as a whole, its levels or organization, the terms used in describing body structure and directional terms, homeostatic mechanisms, the relationship of structure and function and how they relate to each other and homeostasis as directed by each body system involved. Anatomy and Physiology I will focus on the endocrine system, cardiovascular system, including blood circulation, heart anatomy and electrical conduction and disease, lymphatic system, respiratory system, gas exchange, digestion, excretory, urinary, male and female reproduction systems.  
 Prerequisites: BSC1085, BSC1085L

BSC 1086L - Anatomy & Physiology II Lab                    1 Credit            30 Clock Hours  
 Students will explore the structure and function of tissues and organs in a laboratory setting. This will include visiting the office of the Medical Examiner, Video web cast of dissections and autopsies.  
 Prerequisites: BSC1085, BSC 1085L; Co-requisite BSC1086

CTS 1050 - Introduction to Computers                    3 Credits            45 Clock Hours  
 Students will learn the basic operation of Microsoft Word, Excel, and PowerPoint. Student will learn proper techniques for business letter writing and resume writing.  
 Prerequisites: None

ENC 1101 - English Composition                    3 Credits            45 Clock Hours  
 Students will learn grammar, punctuation and usage skills that are useful in everyday language. The goals of effective writing will be covered as well as essay preparation. Students will take several mastery and editing tests as part of the course.  
 Prerequisites: None

HSC 1000 - Introduction to Health Science                    3 Credits            45 Clock Hours  
 Students will examine the following topics: The healthcare professions and teams, interactions between and reactions of patients in altered physical &/or mental states including gerontology and diverse cultures, professionalism and professional organizations, vital signs, OSHA standards, asepsis and isolation techniques including universal precautions, ethics and legal concerns of the healthcare provider, lifting/moving/body mechanics, patient and environmental emergency assessment and response, and Basic Cardiac Life Support (BCLS). The student will possess the aptitude to comprehend and use information in both written and oral formats.  
 Prerequisites: None

MAC 1105 - College Algebra                    3 Credits            45 Clock Hours  
 Students in this course will explore college algebra through a detailed examination of practical applications. Students will calculate algebraic problems with linear equations, exponents, polynomials, factors, and rational expressions. Student will solve problems using graphs, slopes, inequalities, linear equations, roots, radicals and quadratic equations.

Prerequisites: None

MEA 1239 - Medical Terminology                      2 Credits              30 Clock Hours

This course will provide students with instruction in how to decipher useful medical terminology into everyday language. Students analyze and learn prefixes and suffixes, spelling use and correct pronunciation. Medical abbreviations and symbols are included.

Prerequisites: None

MIC150 – Microbiology                                      3 Credits              45 Clock Hours

This is an introduction course emphasizing the classification, physiology, and pathology of microorganisms.

Prerequisites: None

MIC150L – Microbiology Lab                              1 Credit              30 Clock Hours

Students will explore the classification, physiology, and pathology of various microorganisms.

Prerequisites: None; Co-requisites: MIC150

NUR111 – Nursing Concepts                              1 Credit              15 Clock Hours

Nursing Concepts introduces nursing as a caring, holistic and critically thinking profession. Studying the historical nursing perspectives, Nightingale through modern holistic, and concepts critical to professional nursing are traced. Theories of the profession will be explored and an emphasis placed on the theory of Dorothea Orem as a method for organizing thinking and nursing practice. Concepts that shape a profession like healthcare delivery systems, ethical considerations, professional behaviors and values are also considered. And, concepts necessary to provide nursing care like: the nursing process, therapeutic communications, teaching/learning processes, advocacy, interdisciplinary teamwork and the health/illness continuum are examined. Throughout the course, students have the opportunity to identify their own learning styles and begin to create strategies for positive learning and personal wellness.

Prerequisites: None

NUR112 – Nursing Fundamentals                              3 Credits              45 Clock Hours

The emphasis in Nursing Fundamentals is on the normal foundations necessary for a nurse to apply critical thinking processes during both health and illness. The theory of Dorothea Orem and the conceptual framework of the program are integrated with foundational nursing concepts as a means of exploring normal human functioning. Areas discussed include: assessment, diagnostic and pharmacological resources, accountability through documentation, and, foundational concepts for normal human functioning and wellness.

Prerequisites: BSC1085, BSC1086, NUR111

NUR112C – Nursing Fundamentals Clinical              2 Credits              90 Clock Hours

Nursing Fundamentals Clinical provides selected patient experiences in a variety of settings and assists the student to incorporate both theory and college lab skills. The clinical focus is on the practice of assessment, diagnostic and pharmacological resources, accountability through documentation, and foundational concepts for normal human functioning and wellness within this practice, the student identifies self-care deficits and therapeutic demands for patients with commonly occurring health limitations.

Prerequisites: BSC1085, BSC1086, NUR111; Co-requisites: NUR112

NUR112L – Nursing Fundamentals Lab 1 Credit 30 Clock Hours

Nursing Fundamentals Lab presents an introduction to basic technical nursing skills sets that are either utilized or delegated by the nurse to implement the nursing process. While practicing basic patient care skills students find a supportive and supervised environment where increasing confidence and competence is encouraged.

Prerequisites: BSC1085, BSC1086, NUR111; Co-requisites: NUR112

NUR123 – Medical/Surgical Nursing I 3 Credits 45 Clock Hours

This course builds on the foundations of nursing by considering stressors that affect an individual's level of wellness by inflicting intermediary self-care physical and/or mental limitations. Stressors explored will include, but are not limited to, commonly occurring health limitations that alter one's state of wellness and thus require therapeutic nursing demands for self-care and a change in one's wellness status. Critical thinking models for human functioning and independent nursing interventions will be further explored and expanded to include detailed nursing processes, care management, interdisciplinary healthcare team approaches and holistic considerations for selected stressors.

Prerequisites: MIC150, MIC150L, NUR112, NUR112C, NUR112L, NUR145, NUR146, NUT180

NUR123C – Medical/Surgical Nursing I Clinical 2 Credits 90 Clock Hours

Medical/Surgical Nursing 1 Clinical provides selected patient experiences in a variety of settings and assists the student to incorporate both theory and college lab skills. The clinical focus is on the practice of beginning medical/surgical technical nursing skill sets that are utilized or delegated by the nurse. Within this practice, the student identifies self-care deficits and therapeutic demands for patients with commonly occurring health limitations.

Prerequisites: MIC150, MIC150L, NUR112, NUR112C, NUR112L, NUR145, NUR146, NUT180;

Co-requisite: NUR123

NUR123L – Medical/Surgical Nursing I Lab 1 Credit 30 Clock Hours

Medical Surgical Nursing 1 Skills Laboratory provides the knowledge and practice for beginning medical/surgical nursing skills sets that are used by the nurse to implement the nursing process and manage care. Students find a supportive and supervised environment where increasing confidence and competence is encouraged while practicing medical/surgical patient care skills.

Prerequisites: MIC150, MIC150L, NUR 112, NUR112C, NUR112L, NUR145, NUR146, NUT180;

Co-requisite: NUR123

NUR145 – Pharmacology in Nursing Practice I 2 Credits 30 Clock Hours

Pharmacology in Nursing Practice I assists the beginning professional nursing student to understand pharmacotherapeutic concepts that are necessary for safe adult medical/surgical nursing practice. The major drug classifications are introduced in the context of human functioning and self-care deficits. For each classification the student considers: data collection,

dosage/administration, evaluating and maximizing therapeutic effects, minimizing adverse reactions/interactions, managing toxicity and patient education.

Prerequisites: BSC1085, BSC1085L, BSC1086, BSC1086L, MAC1105

NUR146 – Pharmacology in Nursing Practice II      1 Credit      15 Clock Hours

Pharmacology in Nursing Practice assists the professional nursing student to understand pharmacotherapeutic concepts that are necessary for safe administration of medications for pediatric, reproductive health and advanced medical/surgical nursing practice. The major drug classifications, in the context of human functioning and self-care deficits, are reinforced. For each classification the student considers: data collection, dosage/administration, evaluating and maximizing therapeutic effects, minimizing adverse reactions/interactions, managing toxicity, patient education, managing IV therapy, chemotherapy, and blood administration.

Prerequisites: NUR145

NUR163 – Maternal-Child Nursing      3 Credits      45 Clock Hours

Maternal Child Health Nursing introduces the student to the components of nursing for women and children that address self-care limitations imposed by pregnancy, childbirth, new life (including congenital defects), age related growth, developmental, and health promotion limitations. Through the use of human functioning concepts and nursing processes for thinking, the keys to holistic nursing care are delineated by the concepts of assessment, communications, clinical decision-making, managing, collaborating, and teaching/learning and wellness. The nurse's role in assessment for abuse and neglect and risk factors are discussed.

Prerequisites: NUR112, NUR112C, NUR 112L, NUR123, NUR123C, NUR123L

NUR163C - Maternal-Child Nursing Clinical      2 Credits      90 Clock Hours

Maternal Child Health Clinical provides selected experiences in obstetric and pediatric settings that assist the student to integrate content from the classroom with the nursing care of child-bearing women, children and their families. The focus, in these settings, is on the holistic nursing care and accompanying technical skill sets that are used by the nurse to implement the nursing process for normal self-care limitations due to childbearing or development. Keys to care include assessments, communications, teaching/learning, inter-disciplinary and community partnering, and managing care. Clinical experiences will occur in out-patient clinics, physician's offices, health department clinics, birthing centers and/or hospitals.

Prerequisites: NUR112, NUR112C, NUR 112L, NUR123, NUR123C, NUR123L

Co-requisite: NUR163

NUR212 – Integrated Medical/ Surgical Nursing I      3 Credits      45 Clock Hours

Integrated Medical/Surgical Nursing 1 focuses on self-care limitations that are common to both adults and children. Stressors are explored through nursing diagnosis categories and include commonly occurring health limitations that alter one's view of wellness and require therapeutic nursing demands for self-care. Critical thinking models for human functioning and independent nursing interventions will continue to be explored for adults and children. Examples of limitations include, but are not limited to, anemia, cancer, cardiac issues, nephrotic conditions, asthma, fractures, seizures, and, rashes. End of life issues are discussed.

Prerequisites: NUR123, NUR123C, NUR123L

NUR212C – Integrated Medical/ Surgical Nursing I Clinical                    2 Credits 90 Clock Hours  
 Integrated Medical/Surgical Nursing 1 Clinical provides selected pediatric and adult patient experiences in a variety of settings. It assists students to incorporate both theory and college lab skills. The clinical focus is on the practice of technical nursing skill sets that are utilized or delegated by the nurse. Within this practice, the student identifies self-care deficits and therapeutic demands for patients and/or families with commonly occurring health limitations and designs nursing care. Examples of limitations include, but are not limited to conditions of: anemia, cancer, cardiac and nephrotic dysfunction, asthma, fractures, seizures, and, skin rashes.  
 Prerequisites: NUR123, NUR123C, NUR123L  
 Co-requisite: NUR212

NUR212L – Integrated Medical/ Surgical Nursing I Lab                    1 Credit 30 Clock Hours  
 Integrated Medical Surgical Nursing 1 Skills Laboratory provides the knowledge and practice for medical/surgical nursing skills sets that are used by the nurse to implement the nursing process and manage care for adults and children. Students find a supportive and supervised environment where increasing confidence and competence is encouraged while practicing medical/surgical patient care skills.  
 Prerequisites: NUR123, NUR123C, NUR123L  
 Co-requisite: NUR212

NUR213 - Integrated Medical/ Surgical Nursing II                    3 Credits 45 Clock Hours  
 Integrated Medical /Surgical Nursing II focuses on self-care limitations that are common to both adults and children. Stressors are explored through nursing diagnosis categories and include complex, multi-system failure health limitations that alter one's view of wellness and require therapeutic nursing demands for self-care. Critical thinking models for human functioning and independent nursing interventions will continue to be explored for adults and children. Examples of limitations include, but are not limited to, hepatitis, HIV/AIDS, organ transplants, shock, sepsis, spinal cord injury, thyroid issues, Alzheimer's, loss of senses.  
 Prerequisites: NUR212, NUR212C, NUR212L

NUR213C - Integrated M/S Nursing II Clinical                    2 Credits        90 Clock Hours  
 Integrated M/S Nursing Clinical 2 provides selected pediatric and adult patient experiences in a variety of settings. It assists students to incorporate both theory and college lab skills. The clinical focus is on the practice of technical nursing skill sets that are utilized or delegated by the nurse when caring for patients with complex, multi-system failure health limitations. Stressors are explored through the nursing diagnosis categories and include centering of mental, cultural and spiritual aspects of one's view of wellness and altered self-care status. Critical thinking models for human functioning and independent nursing interventions will continue to be explored for adults and children. Examples of limitations include, but are not limited to, hepatitis, HIV/AIDS, organ transplants, shock, sepsis, spinal cord injury, thyroid issues, Alzheimer's, and loss of senses.  
 Prerequisites: NUR212, NUR212C, NUR212L  
 Co-requisite: NUR213

NUR220 – Mental Health Nursing                    2 Credits        30 Clock Hours

Mental Health Nursing introduces the student to the stressors that impose transitional self-care mental and/or social limitations. Psychosocial nursing tools and intervention modalities are expanded. The DSM-IV-TR classification system is introduced for moderate, severe, psychotic, and, emergency issues. Through the use of human functioning concepts and nursing processes for thinking, the keys to holistic nursing care are delineated, implemented and evaluated. Selected stressors include, but are not limited to commonly occurring mental health limitations that lead to therapeutic self-care demand(s) that require partnering. Individuals and families are assisted in defining and accepting an altered mental perception in order to maintain wellness. Nurse's role in assessment for abuse and neglect of the mentally ill are explored. Community resources for assistance are explored.

Prerequisites: NUR112, NUR112C, NUR112L, NUR123, NUR123C, NUR123L

**NUR220C – Mental Health Nursing Clinical**                    2 Credits            90 Clock Hours  
Mental Health Nursing Clinical affords the student an opportunity to explore, for individuals and groups, the stressors that impose transitional self-care mental and/or social limitations. Psychosocial nursing skill sets and the development of a plan of care (case management) with the interdisciplinary healthcare team are practiced. After assessment, students use the DMS-IV-TR, NIC and NOC classifications and NANDA nursing diagnosis to assist patients re-gain or find a new level of wellness. Therefore, clinical facilities include in-patient and out-patient opportunities.

Prerequisites: NUR112, NUR112C, NUR112L, NUR123, NUR123C, NUR123L

Co-requisite: NUR220C

**NUR243C – Nursing Preceptorship**                                    3 Credits            135 Clock Hours  
The Nursing Preceptorship builds on the knowledge and skills obtained in the nursing curriculum and integrate the theory of organizational development and culture, management styles and beginning leadership skills into the clinical practice of nursing. The course provides the foundations for independent clinical practice by assisting the student to prepare for employment as a registered nurse. Students work with an assigned clinical preceptor. Preceptors directly mentor the student throughout the course. At completion, the student is expected to be confident and competent in handling all aspects of the average patient load for that agency.

Prerequisites: NUR213, NUR213C

**NUR250 – Advanced Maternal/Infant Nursing**                    2 Credits            30 Clock Hours  
Advanced Maternal Infant Nursing introduces the student to the components of nursing for “high risk” women and infants. It addresses complex self-care limitations imposed by pregnancy, childbirth and new life for the individual and family. Through the use of human growth, development, and functioning concepts and nursing processes for thinking, the keys to holistic nursing care are delineated by the concepts of assessment, communications, clinical decision-making, managing, collaborating, and teaching/learning and wellness. Individuals and families are assisted in accepting an altered perception in order to maintain wellness.

Prerequisites: NUR163, NUR163C

**NUR250C - Advanced Maternal/Infant Nursing Clinical** 1 Credit    45 Clock Hour

Advanced Maternal/Infant Nursing Clinical provides selected experiences in obstetric and newborn settings that assist the student to integrate content from the classroom with the nursing care of high risk child-bearing women, infants and their families. The focus, in these settings, is on the holistic nursing care and accompanying technical skill sets that are used by the nurse to implement the nursing process for high risk self-care limitations due to alternations during childbearing or the neonatal period. Keys to care include assessments, communications, teaching/learning clinical decision-making, managing, collaborating, inter-disciplinary and community partnering, and wellness. Clinical experiences will occur in out-patient clinics, physician's offices, health department clinics, and hospitals.

Prerequisites: NUR163, NUR163C

Co-requisite: NUR250

NUT180 – Nutrition 3 Credits      45 Clock Hours

This is an introduction to the fundamentals of nutrition and how they relate to the promotion and maintenance of optimal health. This course includes a presentation of the practical applications of the current principles of nutrition and diet therapy in the prevention and treatment of nutrition-related pathologies, as well as a discussion of socioeconomic, religious, and cultural influences on nutrition.

Prerequisites: None

PSY 1012 - Psychology 3 Credits      45 Clock Hours

In this course, students learn basic principles of human behavior. Challenges, responsibilities, problems and satisfactions of being a health care provider are discussed. Theories of human behavior and personality development are included.

Prerequisites: None

SPC 1016- Speech 3 Credits      45 Clock Hours

Students will learn the foundations of communications including public presentations and interviewing skills.

Prerequisites: None