

# CAMBRIDGE

Institute of Allied Health & Technology



## INSTITUTIONAL CATALOG **2018-2019**

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460 East Altamonte Drive, 3<sup>rd</sup> Floor  
Altamonte Springs, Florida 32701

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# ***General Information***

## **History**

Cambridge Institute of Allied Health & Technology was established and licensed by the Commission for Independent Education in 2001 (license # 2453). The institution was institutionally accredited by the Accrediting Bureau of Health Education Schools (ABHES) in 2004. Cambridge Institute changed ownership in October of 2009 to Cambridge Health Education I, LLC. In 2010 Cambridge Health Education I, LLC acquired two additional campuses; one in Delray Beach, Florida (a Main campus) with a CIE # 2843 and another in Atlanta, Georgia (Branch of main in South Florida). In January 2016 a name change to place to Cambridge College of Healthcare & Technology.

## **Additional Campus Locations**

Cambridge College/Cambridge Institute

- 5150 Linton Blvd., Suite 340, Delray Beach, FL 33484
- 5669 Peachtree Dunwoody Rd. NE Suite 100, Atlanta, GA 30342

## **Facility**

Cambridge Institute of Allied Health & Technology is housed in a 10,500 square foot facility conveniently located on State Road 436 just a half mile south of Interstate 4 in Altamonte Springs. Convenient access to public transportation is available. This third floor location has elevator access as well as stairways, and houses 5 standard lecture classrooms with 5 Labs to consist of a nursing lab, computer lab, ultrasound lab, phlebotomy lab, and a radiology lab.

## **STATEMENT OF OWNERSHIP**

IAMP, LLC is a wholly owned subsidiary of Cambridge Health Education I, LLC d/b/a/ Cambridge Institute of Allied Health & Technology, a Florida Corporation. The Managing Member of Cambridge Health Education I, LLC is Pierpont Group, Inc., which is 100% owned by Dr. Terrence LaPier. Dr. Terrence LaPier and Mr. Stephen Garchik are the co-managing members.

## **Mission Statement**

The mission of Cambridge Institute of Allied Health & Technology is to improve the quality of people's lives by providing excellent training to traditional and nontraditional students in the healthcare field. Cambridge Institute's desire is to develop students for lifelong and continued education and is dedicated to assisting adult students in their career opportunities.

## **Goals and Objectives**

Cambridge Institute of Allied Health & Technology aim is to enrich the student's

education through comprehensive training, which is essential to meet the demands of medical offices, hospitals, medical centers and clinics. An integral part of achieving our goals is through:

- The promotion of self-discipline and self-motivation
- Attracting and retaining effective and qualified instructors
- Offering sound diploma and degree programs
- The development of students individual & professional growth which includes interpersonal communication, critical thinking and problem solving competencies

## **Licensing**

Cambridge Institute of Allied Health & Technology in Altamonte Springs, Florida is licensed by the Commission for Independent Education, Florida Department of Education (license # 2453). Additional information regarding this institution may be obtained by contacting the commission at 325 W. Gaines St., Suite 1414, Tallahassee, FL 32399-0400, toll-free telephone number (888) 224-6684.

## **Accreditation**

Cambridge Institute of Allied Health & Technology is institutionally accredited by the Accrediting Bureau of Health Education Schools (ABHES), 7777 Leesburg Pike, Suite 314N, Falls Church, Virginia 22043, P(703) 917-9503, F(703) 917-4109 a national accrediting agency recognized by the United States Department of Education under provisions of Chapter 33, Title 38, U.S. Code, and subsequent legislation.

\*The IV Infusion Therapy Course does not fall under the grant of accreditation for the Accrediting Bureau of Health Education Schools (ABHES).

## **Program and Policy Change**

Cambridge Institute of Allied Health & Technology reserves the right to make changes in organizational structure, policies and procedures, equipment and materials, and modify the curriculum as deemed necessary. When size and curriculum permit, classes may be combined. Students are expected to be familiar with the information presented in this Catalog and applicable Student Handbooks. Cambridge Institute obtains the right to make changes to the admissions requirements, tuition, fees and degree requirements. Students will be notified of any changes. This does not affect current students.

## **Insurance**

The school does not provide personal, medical or liability insurance against fire, theft, or vandalism of students' personal property. Students are covered by professional liability insurance during the clinical courses of their program.

## **Hours of Operation**

The hours for the business office of Cambridge Institute of Allied Health & Technology Mon-Thursday 8:30 a.m. to 7 p.m., and Friday from 8 a.m. – 5 p.m.

## **Parking**

Student parking is available in parking lot adjacent to the campus. Students are prohibited from parking in “Patient Parking” designated areas.

## **Class Sizes**

Radiology Lab	10:1
Clinical Rotation	10:1 (PN and ASN)
Distant Education	25:1
Lecture	30:1
Lab	20:1

## **Credit Hours**

Semester Credit Programs: The units of measure used are standard semester credit hours. One semester credit hour equals a minimum of 15 clock hours of lecture, or 30 clock hours of laboratory or 45 clock hours of clinical/externship. Additional time will be calculated for outside work.

The Practical Nursing, Nursing Assistant, Medical Billing and Coding (Distant Education), and Phlebotomy Technician programs are offered in clock hours.

A clock hour is defined as 60 consecutive minutes, of which a minimum of 50 minutes is dedicated to instruction.

## **Grade Level Promotion**

Grade Level	Credits Required
Freshman	0-30
Sophomore	31-60
Junior	61 or more

## Class Schedule

- Residential Classes Meet Monday - Friday 8:30am – 10:00pm
- Distance Education taught through Blackboard®
- Externship Hours S M T W TH F S 6:00am – 11:59pm
  - Actual times for externships are set by the externship sites.
- PN Evening Externship hours will be evening, All Day Saturday or Sunday

## **Personal Appearance**

All students are expected to be neat, clean, and dressed in Cambridge uniform. The student’s footwear should consist of clean white sneakers or medical clogs. While assigned to an externship site, the student must adhere to that facility’s dress code in addition to the program’s policy. If such rules are not followed, the school will take disciplinary action. Please refer to your program handbook for more details on the dress code.

## **Housing**

Cambridge Institute of Allied Health & Technology does not have dormitory or housing facilities.

## **Student Health and Safety**

Cambridge Institute of Allied Health & Technology will attempt to provide safe facilities and a workplace free of recognized hazards. Each program has specific guidelines that will be explained by the individual instructors. Students are expected to use common sense at all times to prevent injury to themselves and others. The school maintains first aid kits for emergencies. All accidents and injuries must be reported to a Program Director or Administrative Staff immediately.

- Crime Awareness and Campus Security Act**

Cambridge Institute of Allied Health & Technology provides the following information to all of its employees and students as part of the institution's commitment to safety and security pursuant to the requirements of the federal Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act.

The Campus Security Report is available on our web page to obtain the information is located on our web site. It should be noted that this report is updated annually. Information on Crime Statistics is also available on the National Center for Education Statistic's College Navigator website. The National Center for Education Statistics (NCES) is the primary federal entity for collecting and analyzing data related to education in the U.S. and other nations. NCES is located within the U.S. Department of Education and the Institute of Education Sciences.

- Timely Warnings**

In the event that a situation arises, either on or off campus, in the judgment of the CEO, constitutes a series and/or continuing threat, a campus wide "timely warning" will be issued. Notices will be posted in each common area. Students will be notified of locations for public notice during Orientation.

- Confidential Reporting Procedures**

If you are a victim of a crime and unsure if you want to pursue action within the Institute system or the criminal justice system, you may still make a confidential report. The Campus Director may be told of the details of the incident in confidence. The purpose of confidential reporting is to comply with your wish to keep the matter confidential, while taking steps to ensure your future safety and the safety of others. With such information, the Institute can keep accurate records of the number of incidents involving students, determine where there is a pattern of crime with regard to a particular location, method or assailant, and alert the campus community to potential danger. These incidents are counted and disclosed in the annual crimes statistics for the institution with no identifying information.

- **Smoke Free Facilities**

Florida Statute 386.205 2(a) states that smoking is not permitted inside educational facilities where the public attends class. It is the policy of Cambridge Institute of Allied Health & Technology that it is smoke-free and that all designated smoking areas be located out-of-doors. Any member of the Institute community found to be in violation of this policy will be subject to suspension and/or permanent dismissal.

- **Transcripts**

Student transcripts are permanently maintained at the institution and are available from the Registrar. One copy of the official academic transcript is provided to each student upon program completion and satisfaction of all financial obligations to the school. Students may request, in writing, additional copies of transcripts from the Registrar for a fee of \$5.00 each.

- **Academic Honesty and Plagiarism**

Cambridge Institute of Allied Health & Technology strives for a spirit of honesty and integrity. All students are expected to do their own work and must never present other's work as their own. (Examples may include the following as well as others not mentioned), looking on another student's paper, talking during an exam, copying another student's work, cheating during an exam, and unauthorized use of notes, books, tapes, and head-sets. Students found guilty of dishonesty or plagiarism are liable for sanctions up to and including dismissal.

- **Graduation Requirements**

In order to graduate from a program, students must meet the following requirements:

- CGPA of 2.0 or higher, 2.8 for Nursing Programs
- 90% didactic attendance (clock hour programs)
- 100% Clinical completed in all programs if applicable
- Fulfillment of all financial obligations

- **Course Numbering System**

The courses are numbered in sequence to ensure that all required classes are taught to provide students with necessary information for successful program completion. All one series numbers are for first year and all two series numbers are for second year students.

# ***Admission Policy***

## **Admissions Requirements**

Applicants must complete and submit an application for admissions that includes:

- Admission interview
- Personal statement
- **Proof of High School Graduation**
- The requirements of High School Graduation (POG) consist of one of the following:
  - Diploma from high school
  - GED
  - Official college transcript confirming associate, bachelors or master's degree
  - Evaluated and translated Foreign High School Transcripts (If Applicable)
  - Application fee of \$50.00
  - Program Director Interview
  - Drug Screen & Background Check Acknowledgment

Any student submitting proof of high school from a foreign country for consideration of admission is required to provide a translation and evaluation by an approved organization recognized within the Department of Education.

Any applicant who is under the age of 18 and applying for admissions to Cambridge Institute of Allied Health & Technology must acquire a parent or guardian's signature on any contractual papers (i.e., Enrollment Agreement), and must verify that they will be 18 years or older at the time they begin their clinical rotations.

## **Entrance Testing for Nursing Programs ONLY**

Applicants to the Practical Nursing and Associate of Science in Nursing Programs must complete and pass a Wonderlic assessment in order to be considered for the Program. The test is free of charge to applicants. Students may take the Wonderlic test twice every two (2) months. All attempts count toward the number of attempts, including those transferred from other institutions. Students must meet the minimum requirement in all sections.

Passing scores on the Wonderlic assessments are as follows:

Program	WBST v	WBST q
Practical Nursing	180	200
Associate of Science in Nursing	210	220

Radiologic Technology, Diagnostic Medical Sonography, and Nursing, must complete a program director interview assessment in order to be considered for the program. Acceptance is based on applicants achieving a minimum score of 6 out of 13 for the interview and completion of all other admission requirements.

Criteria for the program director interview are based on:

- Appearance
- Articulation and communication skills
- Knowledge of profession
- Scheduling availability
- Transfer of credits

### **Non-Discrimination and Americans with Disabilities Act**

Cambridge Institute of Allied Health & Technology is an Equal Opportunity Educational institution and does not discriminate in the recruitment and admission of students with respect to race, color, creed, sex, age, handicap, disability, national origin, or any other legally protected characteristic.

Applicants, prospective, or current students with disabilities who require academic adjustments and/or auxiliary aids in connection with the admissions process, the admissions test and/or their program of study, should contact the person responsible for coordinating our efforts to comply with Section 504. The ADA Coordinator and the Campus Director will work with the applicant and/or prospective student to identify reasonable accommodations/adjustments necessary to enable him or her to fully participate in the admissions and educational processes.

### **Transfer of Credit**

Transfer of credit is always the decision of the individual college or university and is controlled by the receiving college. Accreditation does not guarantee transfer of credits.

Applicants requesting credit earned for previous training at another post-secondary institution must submit sealed official transcripts to the Registrar with 30 day of starting a program. In order to be considered, the institution where the credit was previously earned must be accredited by an agency recognized by the United States Department of Education and/or the Commission for Higher Education Accreditation (CHEA).

CLEP is not accepted for Transfer Credit.

### **Advanced Standing/Proficiencies**

The Institute does not award credit for Advanced Standing, nor does the Institute permit students to proficiency out of courses.

Transfer of credit from prior education must meet the following requirements:

- College course must be completed within 20 years of admission to Cambridge Institute with a minimum grade of a C or higher.

Any student wishing to submit transcripts from a foreign country for consideration of admission is required to provide a translation and evaluation by an approved organization recognized within the Department of Education.

Reduction of tuition for transfer of credit is not to exceed 16 credits.

### **Transferability of Credit to Other Institutions**

Transferability of credit is at the discretion of the accepting institution, and it is the student's responsibility to confirm whether or not credits will be accepted by another Institution of the student's choice. Cambridge does not guarantee that any credits earned at Cambridge will be transferable or accepted by any other institution. Each institution has its own policies governing the acceptance of credit from other institutions.

Students should inquire as to policies on credit transfer at any institution to which they seek admission

### **Background Check and Drug Screening**

Cambridge Institute of Allied Health & Technology is committed to a drug free and safe learning environment for all students. The allied health professions are committed to providing excellence in patient care and services in a safe, productive and quality-conscious environment. As such, clinical and community agencies require students to meet standards, similar to employees, for criminal offenses and use of illegal substances. Therefore, all students will be required, at their own expense, to be screened for background checks, and substance abuse screens prior to clinical assignments. The program reserves the right to retest a student if there is reasonable suspicion of consumption of alcohol or drugs. Any student dismissed from Cambridge Institute because of violation of the alcohol/drug or illegal substances will not be considered for readmission to the school until the student has undergone drug counseling and/or treatment and recommendations from the appropriate agencies have been submitted to the school. It is the sole discretion of the school as to whether or not the student will be readmitted.

### **Felony Disclosure**

Please be advised that if you have been convicted of a felony or DUI you may not be eligible for certain clinical experiences, externships or certifications associated with our educational programs. Those with non-felonious criminal backgrounds may also find it difficult to secure employment within a health care setting.

# **Grievance Procedures**

## **Grievance Defined**

A grievance is a claim, a complaint or an expression of concern made by a student regarding any aspect of his or her educational experience including misapplication of campus policies, rules, regulations, and procedures, or unfair treatment, such as coercion, reprisal, or intimidation by an instructor or other campus employee.

## **Appeals for Students & Academic Affairs**

A student has the right to appeal all matters with respect to:

- Admissions decisions
- Tuition and fees matters
- Financial awards or policies, including satisfactory academic progress
- Educational policies, procedures, and grading concerns

## **GENERAL POLICY**

The Academic Affairs Committee shall be responsible for evaluating and making a final decision for an appeal. The committee will decide whether the appeal will be approved or denied. The committee will consist of a combination of faculty & staff members.

Before the Student & Academic Affairs Committee meets for an appeal, due process must include:

Step 1: Any student with a grievance may request an individual conference with the instructor or administrative staff to address the matter.

Step 2: If unable to resolve the grievance, the student can request a conference with the Program Director or Department Manager.

Step 3: If still unable to resolve the grievance, the student is requested to schedule a conference with the Campus Director.

Step 4: If the Campus Director cannot reach an agreement with the student, the grievance is referred to the Academic Dean for review.

Step 5: If the Academic Dean cannot resolve the issue then the Registrar will facilitates the scheduling of a meeting with the Student & Academic Affairs Committee.

Each conference will be scheduled within a reasonable timeframe, not to exceed 7 business days.

Procedures for the Student & Academic Affairs Committee include:

Step 1: The Registrar will schedule the meeting with the Committee within 7 business days and the student will be notified via email or regular mail of the date and time.

Step 2: The meeting will be held on this day and time with or without your attendance unless the student requests to reschedule in writing a minimum of 24 business hours prior to the meeting.

Step 3: After the meeting, the student will receive the Committee's decision within 7 business days by mail or email.

The decision made by the Student & Academic Affairs Committee shall be final.

If, in the judgment of the student, there is no satisfactory resolution, the student may contact the Vice President of Compliance and Regulatory via email at [jorloff@cambridgehealth.edu](mailto:jorloff@cambridgehealth.edu).

If, in the judgement of the student, there is still no satisfactory resolution, the student may contact:

Commission for Independent Education Florida  
Department of Education  
325 West Gaines St., Ste. 1414  
Tallahassee, Florida 32399-0400  
888-224-6684

Accrediting Bureau of Health Education Schools  
7777 Leesburg Pike  
Suite 314 N.  
Falls Church, VA 22043  
Phone (703) 917-9503

# ***Program Offerings***

## **Radiologic Technology**

2640 Hours

99 Credits

90 Weeks

Credential Awarded: Associate of Science Degree

Type of Instructional Delivery: Blended

### **PROGRAM DESCRIPTION**

The program is 90 weeks in length. The curriculum has been developed in accordance with the guidelines established by the American Society of Radiologic Technologists (ASRT).

The clinical competency requirements have been developed in accordance with ARRT (American Registry of Radiologic Technologists) guidelines.

Clinical hours range weekdays from 7:00 am to 11:00 pm. Clinical sites are within a 100 mile radius from the campus.

Note: BCLS Training will be provided to students prior to the first clinical rotation.

### **PROGRAM OBJECTIVE**

The program is designed to provide a well-planned didactic and clinical education experience to enable students to become competent, entry-level professionals upon graduation.

Radiologic Technology Curriculum Includes:

Course #	Course Title	Credits	Hours
CTS 1050	Introduction to Computers	3	45
ENC 1101	English Composition	3	45
HSC 1000	Introduction to Health Science	3	45
MAC 1105	College Algebra	3	45
MEA 1239	Medical Terminology	2	30
PSY 1012	Introduction to Psychology	3	45
SPC 1016	Fundamentals of Speech	3	45
BSC 1085	Anatomy & Physiology I	3	45
BSC 1085L	Anatomy & Physiology I Lab	1	30
BSC 1086	Anatomy & Physiology II	3	45
BSC 1086L	Anatomy & Physiology II Lab	1	30
RTE 1025	Principles of Image Production I	2	30
RTE 1026	Principles of Image Production II	2	30
RTE 1030	Radiographic Physics	4	60
RTE 1202	Radiographic Procedures I	3	45
RTE 1202L	Radiographic Procedures I Lab	1	30
RTE 1203	Radiographic Procedures II	3	45
RTE 1203L	Radiographic Procedures II Lab	1	30

RTE 1204	Radiographic Procedures III	2	30
RTE 1204L	Radiographic Procedures III Lab	1	30
RTE 1205	Radiographic Procedures IV	2	30
RTE 1205L	Radiographic Procedures IV Lab	1	30
RTE 1206	Radiographic Procedures V	2	30
RTE 1206L	Radiographic Procedures V Lab	1	30
RTE 2015	Radiographic Biology and Protection	3	45
RTE 2025	Cross Sectional Anatomy/ Advanced Modalities	3	45
RTE 1270	Clinical I	5	240
RTE 1280	Clinical II	5	240
RTE 2005	Clinical III	8	360
RTE 2010	Clinical IV	8	360
RTE 2020	Clinical V	8	360
RTE 2500	Senior Registry Review	3	45
RTE 1201	Introduction to Radiologic Sciences	3	45
Total		99	2640

## **Course Descriptions:**

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 hour

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

**PSY 1012 - Introduction to 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 - Fundamentals of Speech**                            3 Credits        45 clock hours

Students will learn the foundations of communications including public presentations and interviewing skills Prerequisites: None

**BSC 1085 - Anatomy & Physiology I**                            3 Credits        45 clock hours

Students 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 endocrine system.

Prerequisites: None

**BSC 1085L - Anatomy & Physiology I Lab**                    1 Credit        30 clock hours

Students 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 endocrine system.

Prerequisites: None

**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. Prerequisites: BSC 1085

**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: BSC 1085, BSC 1085L & MEA 1239

**RTE 1201 -Introduction to Radiologic Sciences**            3 Credits            45 clock hours  
Content provides a foundation in ethics and laws related to the practice of medical imaging. An introduction to terminology, concepts and principles will be presented. Students will examine a variety of ethical and legal issues found in clinical practice. Content provides an overview of the foundations of radiography and the practitioner's role in the health care delivery system. Principles, practices and policies of health care organizations are examined and discussed in addition to the professional responsibilities of the radiographer. Content provides the concepts of optimal patient care, including consideration for the physical and psychological needs of the patient and family. Routine and emergency patient care procedures are described, as well as infection control procedures using standard precautions. The role of the radiographer in patient education is identified  
Prerequisites:  
None

**RTE 1025 - Principles of Image Production I**                2 Credits            30 clock hours  
This course is about the knowledge of the factors that govern and influence the production of radiographic images. Content establishes a knowledge base in radiographic and mobile equipment requirements and design. Content imparts an understanding of the components, principles and operation of digital imaging systems. Prerequisites: BSC 1086, BSC 1086L, RTE 1030, RTE 1203L, RTE1203

**RTE 1026 - Principles of Image Production II**                2 Credits            30 Clock Hours  
This course continues with the knowledge of the factors that govern and influence the production of radiographic images. Image-intensified and digital fluoroscopy will be discussed. Image quality and the technical factors that affect it will be covered in this course. Content provides a basis for analyzing radiographic images. Included are the 28 importances of optimal imaging standards, discussion of a problem-solving technique for image evaluation and the factors that can affect image quality. Factors that impact image acquisition, display, archiving and retrieval are discussed. Principles of digital system quality assurance and maintenance are presented Grids and grid applications will be presented as well as the calculations of technique problems. Prerequisites: RTE 1025, RTE 1030, RTE 1204 & RTE 1204L.

**RTE 1030 - Radiographic Physics**                        4 Credits            60 clock hours  
Students in this course will receive a working knowledge of radiologic physics as it relates to the field of radiography. This will include the make-up of the Bohr atom, electromagnetic radiation, electricity and magnetism and electromagnetism. They will become familiar with equipment used in medical imaging for general x-rays and their production, as well as for special procedures. The student will understand how the x-ray beam is produced as well as the radiographic image. They will also be introduced to the equipment utilized for film processing and the equipment needed to improve the quality of the x-ray image. Students

will learn about the components involved in quality improvement, assessment and assurance regarding all aspects of the radiology department. Equipment quality control is included, as well as tests to evaluate specific components of radiographic imaging systems. Prerequisites: BSC 1085, BSC 1085L & MAC 1105

RTE 1202 - Radiographic Procedures I                    3 Credits        45 clock hours

This course will cover the discovery of x-rays and the use of radiation in medicine. The course provides an introduction to radiological science and familiarizes students with the different terms that are used within the profession. Students will learn the anatomic structures and topographic landmarks of the abdomen, chest, and parts of skeletal assigned for the semester. Students will learn the synopsis of radiation protection and exposure. Students will learn and practice how to communicate effectively with patients regardless of existing barriers. Pathology and disease as they relate to various radiographic procedures are discussed. Students will also learn how different pathology affects the radiographic image and technique. Prerequisites: None

RTE 1202L - Radiographic Procedures I Lab              1 Credit        30 clock hours

This course is designed to provide instruction in the proper positioning methods in the laboratory setting to prepare the student to perform these methods competently in the clinical setting. This course will include positioning terminology of abdomen and chest radiography as well as positioning terminology of the upper extremity and lower extremity (foot and ankle). Students will master practical experience in positioning patients, exercising independent judgment, creativity, and problem solving in the clinical laboratory. Students will learn the synopsis of radiation protection and exposure. Students work in teams, role-playing and simulating patient and technologist. Student will learn and practice how to communicate effectively with patients and family members regardless of existing barriers. Pathology and disease as they relate to various radiographic procedures are discussed. Students will also learn how different pathology affects the radiographic image and technique Prerequisites: None

RTE 1203 - Radiographic Procedures II                    3 Credits        45 clock hours

This course is designed to expand students' knowledge and understanding of the ARRT Code Ethics. Students will learn the different types of consent and its appropriate use. The course will cover the anatomic structures and topographic landmarks of various parts of the skeletal system assigned for the semester. Students will learn the synopsis of radiation protection and exposure. Students will learn and practice how to communicate effectively with patients regardless of existing barriers. Pathology and disease as they relate to various radiographic procedures are discussed. Students will also learn how different pathology affects the radiographic image and technique. Prerequisites: BSC 1085, BSC 1085L, RTE 1202 & RTE 1202L

RTE 1203L - Radiographic Procedures II Lab              1 Credit        30 clock hours

This course is designed to allow students to conduct simulations on radiographic positions covered in the didactic course. The goal is to make students more competent and confident within the clinical setting. Students will simulate radiographic positions for areas of the

skeletal system covered in the didactic course for the semester. Students use an energized x-ray laboratory to master practical experience in positioning patients, exercising independent judgment, critical thinking, and patient care. Students will learn the synopsis of radiation protection and exposure. Students work in teams, role-playing and simulating patient and technologist. Student will learn and practice how to communicate effectively with patients and family members regardless of existing barriers. Pathology and disease as they relate to various radiographic procedures are discussed. Students will also learn how different pathology influences radiographic image and technique. Prerequisites: BSC 1085, BSC 1085L, RTE 1202 & RTE 1202L

RTE 1204 - Radiographic Procedures III                    2 Credits            30 clock hours  
The course will cover the anatomic structures and topographic landmarks of various parts of the skeletal system assigned for the semester. Students will learn the synopsis of radiation protection and exposure. Students will learn and practice how to communicate effectively with patients and family members regardless of existing barriers. Pathology and disease as they relate to various radiographic procedures are discussed. Students will also learn how different pathology affects the radiographic image and technique. Prerequisites: BCS 1086, BCS 1086L, RTE 1203, RTE 1203L & RTE 1030

RTE 1204L - Radiographic Procedures III Lab                    1 Credit            30 clock hours  
This course is designed to allow students to conduct simulations on radiographic positions covered in the didactic course. The goal is to make students more competent and confident within the clinical setting. Students will simulate radiographic positions for areas of the skeletal system covered in the didactic course for the semester. Students use an energized x-ray laboratory to master practical experience in positioning patients, exercising independent judgment, critical thinking, and patient care. Students will learn the synopsis of radiation protection and exposure. Students work in teams, role-playing and simulating patient and technologist. Student will learn and practice how to communicate effectively with patients and family members regardless of existing barriers. Pathology and disease as they relate to various radiographic procedures are discussed. Students will also learn how different pathology influences radiographic image and technique. 30 Prerequisites: BSC 1086, BSC 1086L, RTE 1203, RTE 1203L & RTE 1030

RTE 1205 - Radiographic Procedures IV                    2 Credits            30 clock hours  
This course will include positioning terminology and radiographic positioning and procedures for fluoroscopy studies. The course will cover several patient care topics that are important to the profession. Pathology and disease as they relate to various radiographic procedures are discussed. Students will also learn how different pathology affects the radiographic image and technique. Pharmacologic terminology, drug classifications, pharmacokinetics, and drugs used in imaging are also studied. It also offers comprehensive coverage of diagnostic contrast agents, along with drug administration procedures, emergency responses to drug reactions, and legal and ethical aspects of medication administration. The theory and practice of basic venipuncture techniques and the administration of diagnostic contrast agents are also practiced and mastered. Prerequisites: BSC 1086, BSC 1086L, RTE1204, RTE 1204L & RTE1025.

RTE 1205L - Radiographic Procedures IV Lab                    1 Credit            30 clock hours  
This course is designed to provide instructions on proper positioning methods within the laboratory setting so students are prepared to perform these methods competently in the clinical setting. The course will include fluoroscopy studies. Image critique covering the elements of diagnostic radiographs is emphasized. Students will master practical experience in positioning patients, critical thinking, and problem solving in the clinical laboratory. Students will learn the synopsis of radiation protection and exposure. Students work in teams, role- playing patient and technologist. Pathology and disease as they relate to various radiographic procedures are discussed and viewed on radiographs or images viewed on power points. Students will also learn how different pathology affects the radiographic image and technique. Prerequisites: BSC 1086, BSC 1086L, RTE1204, RTE 1204L & RTE1025

RTE 1206 - Radiographic Procedures V                        2 Credits            30 clock hours  
The course will include positioning terminology, radiographic positioning, and procedures of the skull and facial structures. Students will learn the synopsis of radiation protection and exposure. Students will learn and practice how to communicate effectively with patients regardless of existing barriers. The course also reviews avenues for professional within the profession and continuing education requirements. Pathology and disease as they relate to various radiographic procedures are discussed. Students will also learn how different pathology affects the radiographic image and technique. Prerequisites: RTE 1205, RTE 1205L, RTE1026 & RTE1030

RTE 1206L - Radiographic Procedures V Lab                    1 Credit            30 clock hours  
This course is designed to allow students to perform simulations on radiographic positions covered in the didactic course. By the end of the course students will be more competent and confident within the clinical setting. Students use an energized x-ray laboratory to master practical experience in positioning patients, exercising independent judgment, critical thinking, and patient care. Students will learn the synopsis of radiation protection and exposure. Students work in teams, role-playing and simulating patient and technologist. Student will learn and practice how to communicate effectively with patients and family members regardless of existing barriers. Pathology and disease as they relate to various radiographic procedures are discussed. Students will also learn how different pathology influences radiographic image and technique. Prerequisites: RTE 1205, RTE 1205L, RTE 1026 & RTE 1030

RTE 2015 - Radiographic Biology and Protection                3 Credits            45 clock hours  
The course is designed to educate students on the principles of radiation protection. Students will be lectured on the responsibilities of the radiographer to patients, other personnel, and the public. Radiation health and safety requirements of federal and state regulatory agencies are incorporated. The course is also designed to provide students with an overview of the principles of the interaction of radiation to the body systems. Fundamental principles of molecular and cellular responses to radiation will be learned, including acute and chronic effects of radiation. Prerequisites: BSC 1086 & 1086L, RTE

1205&1205L, RTE 1026

RTE 2025 - Cross Sectional Anatomy/Advanced Modalities 3 Credits      45 clock hours  
Students will learn sectional anatomy to develop a realistic understanding of 3- dimensional sense of anatomy of the head, neck, thorax, abdomen, and pelvis. Students will acquire basic principles, image appearance and education/certificate for Ultrasound, MRI, Nuclear Medicine/PET, Angiography and Radiation Therapy. Students will also acquire a basic understanding of Computed Tomography. Prerequisites: RTE 1206, RTE 1206L, RTE 1026 & RTE 1030

RTE 1270 – Clinical I                            5 Credits        240 clock hours  
Introduces students to the clinical setting and provides an opportunity for students to observe and participate in radiographic procedures, with emphasis on specific structures. All activities of students are under the supervision of a designated site clinical instructor or designee. Emphasis is placed on the demonstration of proficiency in required and elective competencies in the area of abdomen, chest and upper extremity. Prerequisites: BSC 1085, BSC 1085L, RTE 1202 & RTE 1202L

**RTE 1280 - Clinical II**      **5 Credits**      **240 clock hours**  
Introduces students to the clinical setting and provides an opportunity for students to observe and participate in radiographic procedures, with emphasis on specific structures. All activities of students are under the supervision of a designated site clinical instructor or designee. Emphasis is placed on the demonstration of proficiency in required and elective competencies in the content covered in the prior semester. Prerequisites: BSC 1086, BSC 1086L, RTE 1270, RTE 1030, RTE 1203 & RTE 1203L

**RTE 2005 - Clinical III**                            8 Credits        360 clock hours  
Introduces students to the clinical setting and provides an opportunity for students to observe and participate in radiographic procedures, with emphasis on specific structures. All activities of students are under the supervision of a designated site clinical instructor or designee. Emphasis is placed on the demonstration of proficiency in required and elective competencies in the area covered in the prior semester. Prerequisites: BSC 1086, BSC1086L, RTE 1204, RTE 1204L, RTE 1280 & RTE 1025 32

**RTE 2010 - Clinical IV**                           **8 Credits**           **360 clock hours**

Introduces students to the clinical setting and provides an opportunity for students to observe and participate in radiographic procedures, with emphasis on specific structures. All activities of students are under the supervision of a designated site clinical instructor or designee. Emphasis is placed on the demonstration of proficiency in required in the content covered in the prior semester. Prerequisites: BSC 1086, BSC 1086L, RTE 1205, RTE 1205L, RTE 2005 & RTE 1026

RTE 2020 - Clinical V                            8 Credits            360 clock hours  
Introduces students to the clinical setting and provides an opportunity for students to observe and participate in radiographic procedures, with emphasis on specific structures. All activities of students are under the supervision of a designated site clinical instructor or

designee. Emphasis is placed on the demonstration of proficiency in required and elective competencies in the prior semester. Prerequisites: BSC 1086, BSC 1086L, RTE 1206, RTE 1206L, RTE 2010 & RTE 2015

RTE 2500 - Senior Registry Review                    3 Credits            45 Clock Hours

**3 Credits      45 Clock Hours**

This Course provides a review of basic knowledge from previous courses and helps the student prepare for national certification examination for radiographers. Topics include: principles of radiographic exposure, radiographic procedures, anatomy, physiology, pathology, terminology, radiographic equipment, radiation protection, and patient care techniques. Prerequisites: RTE 1206, RTE 1206L, RTE 1000, RTE2015 & RTE 1026

## *Diagnostic Medical Sonography*

## **98 Semester Credits**

2378 Clock Hours

96 Weeks

## Credential awarded – Associate of Science

## Method of Delivery: Blended

## Program Objectives

The mission of the Diagnostic Medical Sonography program is to provide a comprehensive education that will prepare students to become sonographers. The program is structured to provide intellectual stimulation and learning in the didactic and clinical settings using psychomotor, affective and cognitive domains. It is necessary to prepare students to assume the responsibilities of a sonographer, provide quality patient care and to contribute to their profession by a commitment to professional organizations and lifelong learning. These beliefs are the foundation of the sonography profession and are realized through commitment to the education of sonographers in the community. At the completion of the Diagnostic Medical Sonography program, a student is prepared to enter the sonography work force as an entry level sonographer in any or all modalities including Abdomen, OBGYN, and Cardiovascular Sonography. Upon graduation, clinical employment opportunities can range from hospital settings, out-patient clinics, private practice and specialty centers, mobile and agency services all throughout the domestic United States and International markets.

## Program Description

The Associate of Science Degree in Diagnostic Medical Sonography is an educationally broad based postsecondary full time program. This 96 week program is designed to provide the essentials of entry level sonographic medical imaging. The curriculum leads the student through primary sonographic education in the specialties of Abdomen, including full

abdominal and small smarts, Obstetrics & Gynecology, including female pelvis and 1st, 2nd and 3rd trimester Obstetrics imaging, and Cardiovascular including the application and techniques in cardiac imaging and cardiac Doppler studies, cardiac anatomy and function. The course also provides an introduction to the principles of Vascular Sonography, introducing the two common vascular examinations most widely used by sonographers; Lower Extremity Venous Doppler and Carotid Doppler examinations. In addition to Medical Terminology, Pharmacology, and an introduction to Health Science, Sonographic Anatomy and Sonographic Physics are covered. The core curriculum devotes significant “hands-on” laboratory and clinical education skills components. The program requires general education courses in General Physics, Anatomy & Physiology, Algebra, Psychology, English and Speech. Students receive consistent sequential didactic and scheduled laboratory instruction throughout the program. Students complete one thousand two hundred ninety (1290) didactic hours of classroom and laboratory education and one thousand twenty four (1024) hours of clinical training within an approved clinical facility. Assessments takes place at regular intervals throughout the program evaluating the student’s progress towards specific levels of competency. Students must complete each course with a 2.0 or higher to remain in the program.

### Schedules

Students may attend up to a full time didactic schedule, Monday through Friday mornings from 9AM to 5PM. Once clinical rotations begin, the didactic schedule is condensed allowing ample time for students to complete clinical requirements. Clinical schedules vary from site to site offering 8 hour shifts starting from early mornings, afternoons, or even evening and weekend shifts based on clinical site availability.

### Course Descriptions

Number	Course Title	Semester Credits	Clock Hours
BCS 1085	Anatomy & Physiology I	3	45
BCS 1085L	Anatomy & Physiology I Lab	1	30
BCS 1086	Anatomy & Physiology II	3	45
BCS1086L	Anatomy & Physiology II Lab	1	30
DMSA 1002	Principles of Sonographic Physics and Instrumentation	5	90
DMSA 1003	Sonographic Anatomy	3	60
DMSA 2001	Principles of Abdominal Sonography 1	4	75
DMSA 2002	Principles of Abdominal Sonography 2	4	75
DMSA 2003	Principles of OBGYN Sonography 1	4	75
DMSA 2004	Principles of OBGYN Sonography 2	4	75

DMSA 2005 Introduction to Vascular Sonography	4	75
DMSA 2006 Echocardiographic Pathology 1	4	75
DMSA 2007 Echocardiographic Pathology 2	4	75
DMSA 2008 Pharmacology	3	45
DMSA 2009 Introduction to Echocardiographic Anatomy	4	75
DMSA 2010 Clinical Externship I	6	272
DMSA 2011 Clinical Externship II	6	272
DMSA 2012 Clinical Externship III	6	272
DMSA 2013 Clinical Externship IV	6	272
DMSA 2014 Seminar	3	45
ENC 1101 English Composition	3	45
HSC 1000 Introduction to Health Science	3	45
MAC 1105 College Algebra	3	45
MEA 1239 Medical Terminology	2	30
PSY 1012 Introduction to Psychology	3	45
PHY 2053 General Physics	3	45
SPC 1016 Fundamentals of Speech	3	45
Grand Total	98	2378

## Course Descriptions

BCS 1085 Anatomy & Physiology 1                          4 Semester Credits 75 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 endocrine system. Students will explore the structure and function of tissues and organism a laboratory setting.

Prerequisites: None

**BCS 1086 Anatomy & Physiology 2**

**4 Semester Credits 75 Clock Hours**

This course is a continuation of BSC 1085 lecture. Students will continue to 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. 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:** BCS 1085

**DMS A 1002 Principles of Sonographic Physics and Instrumentation**

**5 Semester Credits 90 Clock Hours**

Presents in-depth training in the properties of ultrasound and Doppler physics, instrumentation, equipment operations, display systems, recording devices, image artifacts, biological effects of ultrasound and quality assurance methods. Student will apply sonographic physics and instrumentation principles in an ultrasound laboratory setting.

**Prerequisites:** BSC 1085, BSC 1086, MEA 1239, MAC 1105, PHY 2053

**DMS A 1003 Sonographic Anatomy**

**3 Semester Credits 60 Clock Hours**

Introduces ultrasound scanning principles and protocols. Topics include scanning criteria and standardization of image documentation for physician interpretation, normal anatomy, physiology and sonographic appearance of the abdomen, OB/GYN, vascular, and cardiac structures. Students will apply sonographic anatomy principles in an ultrasound laboratory setting.

**Prerequisites:** BSC 1085, BSC 1086, MEA 1239, HSC 1000, PHY 2053

**DMS A 2001 Principles of Abdominal Sonography 1 4 Semester Credits 75 Clock Hours**

Presents cross-sectional anatomy of the abdomen, normal and abnormal sonographic findings of the intra-abdominal organs, peritoneal spaces and retroperitoneal structures.

The relationship of abnormal findings to patient history, physical examination and laboratory findings are stressed. Students will learn and perform abdomen exam protocols in an ultrasound laboratory.

**Prerequisites:** BSC 1085, BSC 1086, MEA 1239, MAC 1105, PHY 2053, DMS A 1002,

**DMS A 1003**

**DMS A 2002 Principles of Abdominal Sonography 2 4 Semester Credits 75 Clock Hours**

This course is a continuation of Principles of Abdominal Sonography I containing a comprehensive approach to in-depth studies of the organs contained within the human abdominal cavity in both normal and abnormal states. This course further explores small parts including: breast, testicular, prostate, and thyroid in addition to an introduction to musculoskeletal, neonatal brain, spine, hips and interventional sonography. Students will continue to learn and perform abdomen exam protocols in an ultrasound laboratory including phantom scanning of various small parts.

Prerequisites: BSC 1085, BSC 1086, MEA 1239, MAC 1105, PHY 2053, DMS A 1002, DMS A 1003, DMS A 2001

**DMS A 2003 Principles of OBGYN Sonography 1                  4 Semester Credits 75 Clock Hours**

Presents cross sectional anatomy of the female pelvis, normal and abnormal sonographic features of the non-gravid pelvis, as well as normal and abnormal anatomy of the first trimester. Embryology, early fetal development and the relationship of abnormal findings of the patient history, physical examination and laboratory findings are emphasized.

Students will learn and perform transabdominal pelvic exam protocols in an ultrasound laboratory.

Prerequisites: BSC 1085, BSC 1086, MEA 1239, MAC 1105, PHY 2053, DMS A 1002, DMS A 1003, DMS A 2001, DMS A 2002

**DMS A 2004 Principles of OBGYN Sonography 2                  4 Semester Credits 75 Clock Hours**

Presents normal and abnormal anatomy and sonographic features of the second and third trimester pregnancies. The relationship of patient history, physical examination, and laboratory findings with abnormal fetal and maternal findings is emphasized. Students will continue to learn and perform transabdominal pelvic exam protocols in an ultrasound laboratory including phantom scanning for second and third trimester pregnancies.

Prerequisites: BSC 1085, BSC 1086, MEA 1239, MAC 1105, PHY 2053, DMS A 1002, DMS A 1003, DMS A 2001, DMS A 2002, DMS A 2003

**DMS A 2005 Introduction to Vascular Sonography                  4 Semester Credits 75 Clock Hours**  
This section of the course provides hands on experience in the application of the two most common vascular examinations: the lower extremity venous doppler exam and the carotid doppler exam. The student will also participate in the application and technique

studied in the didactic section of the course. The laboratory sessions also emphasize and encourage the student to recognize the normal anatomy and normal ultrasonic findings while learning and performing exam protocols for lower extremity venous Doppler and carotid Doppler ultrasound exams. After completion of the basic principles, the course focuses on pathology and dysfunction and the disease process.

Prerequisites: BSC 1085, BSC 1086, MEA1239, MAC 1105, PHY 2053, DMS A 1002, DMS A 1003

DMS A 2006 Echocardiographic Pathology 1                  4 Semester Credits 75 Clock Hours

After the basic principles, the course will be focusing on pathology and dysfunction and the disease process. Cardiac pathology covered includes: left ventricular dysfunction, coronary artery diseases, valvular heart disease, Doppler-(Color, PW, and CW), diseases of the aorta & pulmonary hypertension. Coordination of the patient's history, physical findings and Sonographic images are evaluated for presentation. Discussions will be both detailed and concise for understanding and comprehension. Students will learn and perform echo ultrasound exam protocols in an ultrasound laboratory.

Prerequisites: BSC 1085, BSC 1086, MEA 1239, MAC 1105, PHY 2053, DMS A 1002, DMS A 1003, DMS A 2009

DMS A 2007 Echocardiographic Pathology 2                  4 Semester Credits 75 Clock Hours

This course provides a foundation for cardiomyopathies and IHD, evaluation of pericardial and intra cardiac tumors, anomalies of the aorta and great vessels, congenital heart diseases, pericardial pathologies, tumors and diseased valves. Each section of disease will be discussed in detail regarding causes, signs symptoms, echocardiographic findings and complications. This course also discusses wall motion abnormalities in relation to pathologic situation. Discussion is both detailed and concise for understanding and comprehension. Students will continue to learn and perform echo ultrasound exam protocols in an ultrasound laboratory.

Prerequisites: BSC 1085, BSC 1086, MEA 1239, MAC 1105, PHY 2053, DMS A 1002, DMS A 1003, DMS A 2009, DMS A 2006

DMS A 2008 Pharmacology                  4 Semester Credits 75 Clock Hours

This course involves understanding of clinical pharmacology including theory, effects of drugs used in Echocardiography and pharmacology of provocative stress agents and their

uses and adverse effects. This course also discusses potential side effects of cardiac medications on the Echo findings and involves understanding the indications, utility of advances in echocardiography such as Stress echocardiography Trans-esophageal echocardiography, Intraoperative echocardiography, & Contrast echocardiography.

Prerequisites: BSC 1085, BSC 1086, MAC 1105

DMS A 2009 Introduction to Echocardiographic Anatomy 4 Semester Credits 75 Clock Hours

This course provides a foundation in the principle of echocardiography, the most effective non-invasive method for use in cardiac diagnosis. This course involves understanding of the normal cardiac anatomy, coronary anatomy, and the relationship of chambers and the great vessels. An understanding of EKG, Electrophysiology, conduction system and mechanical events of the cardiac cycle in relation to electrical events will be stressed. This course provides the application and techniques in 2D cardiac imaging, M-mode, cardiac studies, cardiac anatomy and function. Students will learn and perform EKG exam protocols in an ultrasound laboratory.

Prerequisites: BSC 1085, BSC 1086, MEA 1239, MAC 1105, PHY 2053,

DMS A 2010 Clinical Externship I 6 Semester Credits 272 Clock Hours

This course introduces students to the clinical setting and provides an opportunity for students to observe and participate in Sonographic procedures, at the clinical sites discretion. All activities of students are under the supervision of a designated site clinical instructor or designee. Emphasis is placed on the demonstration of proficiency in required competencies related to but not exclusive to Abdomen in the clinical setting.

Prerequisites: BSC 1085, BSC 1086, ENC 1101, SPC 1016, PSY 1012, HSC 1000,

MEA 1239, MAC 1105, PHY 2053, DMS A 1002, DMS A 1003

DMS A 2011 Clinical Externship II 6 Semester Credits 272 Clock Hours

This course, a continuation of the clinical setting in Clinical Externship I, allows students to continue in the clinical setting and provides additional opportunity to observe and have in depth participate in Sonographic procedures, at the clinical sites discretion. All activities of students are under the supervision of a designated site clinical instructor or designee. Emphasis is placed on the demonstration of proficiency in required competencies related to but not exclusive to OBGYN in the clinical setting. Students will continue building oral skills to communicate clearly, concisely, and intelligently to medical professionals and patients and will begin using written skills to communicate clearly, concisely, and intelligently. Student will begin to possess the ability to demonstrate critical thinking and problem solving skills. The course also supports student's ability to better understand and

apply allied health occupational information as well as encourage occupational attitudes and work ethic desired of allied health employers and members of the specific profession.

Prerequisites: BSC 1085, BSC 1086, ENC 1101, SPC 1016, PSY 1012, HSC 1000, MEA 1239, MAC 1105, PHY 2053, DMS A 1002, DMS A 1003, DMS A 2001, DMS A 2002, DMS A 2010

DMS A 2012 Clinical Externship III

6 Semester Credits 272 Clock Hours

This course introduces students to the clinical setting and provides an opportunity for students to observe and participate in Sonographic procedures, at the clinical sites discretion. All activities of students are under the supervision of a designated site clinical instructor or designee. Emphasis is placed on the demonstration of proficiency in required competencies related to but not exclusive to vascular examinations such as lower extremity venous and carotid doppler examinations in addition to an introduction to cardiac echo examinations in the clinical setting. The student will continue to build upon proper oral skills and will have the ability to communicate clearly, concisely, and intelligently with medical professionals and patients. Also, the student will have the opportunity to build upon written skills to communicate clearly, concisely, and intelligently along with the ability to demonstrate critical thinking and problem solving. This course continues to support the student's ability to demonstrate occupational attitudes and work ethic desired of allied health employers and members of the specific profession.

Prerequisites: BSC 1085, BSC 1086, ENC 1101, SPC 1016, PSY 1012, HSC 1000, MEA 1239, MAC 1105, PHY 2053, DMS A 1002, DMS A 1003, DMS A 2001, DMS A 2002, DMS A 2003, DMS A 2004, DMS A 2010, DMS A 2011

DMS A 2013 Clinical Externship IV

6 Semester Credits 272 Clock Hours

This course, a continuation of the clinical setting in Clinical Externship III, allows students to continue in the clinical setting and provides additional opportunity to observe and future participate in Sonographic procedures, at the clinical sites discretion. All activities of students are under the supervision of a designated site clinical instructor or designee. Emphasis is placed on the demonstration of proficiency in required competencies related to but not exclusive to echocardiography examinations in the clinical setting. The course continues to encourage the student's to communicate clearly, concisely, and intelligently with medical professionals and patients as well as continuing to build upon critical thinking and problem solving skills in an independent manner. This course will present to the student the correct way to function as a productive team member. The course will facilitate the ability to understand and apply allied health occupational information and build upon the student's ability to demonstrate occupational attitudes and work ethics.

Prerequisites: BSC 1085, BSC 1086, ENC 1101, SPC 1016, PSY 1012, HSC 1000,

MEA 1239, MAC 1105, PHY 2053, DMS A 1002, DMS A 1003, DMS A 2001, DMS A 2002, DMS A 2003, DMS A 2004, DMS A 2005, DMS A 2009, DMS A 2010, DMS A 2011, DMS A 2012

DMS A 2014 Seminar 3 Semester Credits 45 Clock Hours

In this course the student is prepared for the real world of work via assistance with resume writing, interviewing techniques and job placement. In addition, registry preparation and reviews are conducted for all modalities of the program: Abdomen, OBGYN, and Cardiovascular.

Prerequisites: BSC 1085, BSC 1086, ENC 1101, SPC 1016, PSY 1012, HSC 1000, MEA 1239, MAC 1105, PHY 2053, DMS A 1002, DMS A 1003, DMS A 2001, DMS A 2002, DMS A 2003, DMS A 2004, DMS A 2005, DMS A 2006, DMS A 2008, DMS A 2009, DMS A 2010, DMS A 2011, DMS A 2012

ENC 1101 English Composition 3 Semester 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. Students will review readings for writing to aid in essay preparation and completion.

Prerequisites: None

HSC 1000 Introduction to Health Science      3 Semester 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. Students will review readings for writing to aid in essay preparation and completion.

Prerequisites: None

MAC 1105 College Algebra 3 Semester 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 Semester Credits 30 Clock Hours

This course provides 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

PSY 1012 Introduction to Psychology                    3 Semester 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

PHY 2053 General Physics                    3 Semester Credits 45 Clock Hours

This course is designed to cover a broad range of physics topics. As these topics are applied to various problem situations, the student will develop critical thinking skills and through the use of group activities which the student will enhance cooperative attitudes.

Topics include computer technologies, math calculations, mechanics, measurement, heat, fluid, and gas laws, as well as, atomic and nuclear physics, electromagnetic, light and sound.

Prerequisites: MAC 1105

SPC 1016 Fundamentals of Speech                    3 Semester Credits 45 Clock Hours

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

Prerequisites: None

## **Nursing**

### **Associate of Science Degree Program**

1725 Hours

77 Semester Credits

96 Instructional Weeks

Method of Instruction: Blended

### **Program Objective**

The Associate in Science Nursing program offers preparation in the knowledge and clinical skills for students to enter the Nursing field. Students in this program are conditioned to take the NCLEX-PN examination required for employment as a Registered Nurse (RN). Associate in Science Nursing experiences include theoretical instruction and clinical experience in medical, surgical, obstetric, pediatric, and geriatric nursing and respective clinical rotations in both acute and long-term care situations. Associate in Science Nurses are employed in a variety of healthcare settings including hospitals, ambulatory care settings, long-term care facilities, home health agencies, private duty opportunities, and other appropriate medical areas. Upon program completion, graduates are eligible to take NCLEX-RN credentialing examination.

### **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 2.8 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.

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	Pediatric Nursing	2	30
NUR250C	Advanced Maternal/Infant Nursing Clinical	1	45
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	Psychology	3	45
SPC1016	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 explore the human body as a whole, its levels of 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, interdisciplinary 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 – Pediatric Nursing                            2 Credits                    30 Clock Hours

Pediatric Nursing (NUR 250) introduces the student to the components of nursing care of the child and focuses on the application of the nursing process to the care of the child and the family. Students will care for pediatric patients/clients in a variety of inpatient and community settings while building professional skills related to children and their families.  
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 alterations 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

Clinical Sites more than 50 miles

It is the intention of Cambridge Institute of Allied Health and Technology Associate in Science Nursing to seek clinical sites that fulfill all clinical requirements in the Orlando area. However, until those sites are acquired, the plan is as follows:

- Contract with bus/shuttle service to provide transportation for all students
- Outline for each student prior to enrollment, the schedule for clinical rotations and the travel schedule required
- Inform any clinical instructors required to travel to the site of the travel requirements
- The cost of travel expense will be included in the students tuition

## ***Practical Nursing***

Diploma Program

54 weeks - Days

85 weeks - Evenings

1350 clock hours

Method of Instruction: Residential

### **Program Objective**

The Practical Nurse program offers preparation in the knowledge and clinical skills for students to enter the Practical Nursing field. Students in this program are conditioned to take the NCLEX-PN examination required for employment as an entry-level Licensed Practical Nurse (LPN). Practical Nursing experiences include theoretical instruction and clinical experience in medical, surgical, obstetric, pediatric, and geriatric nursing and respective clinical rotations in both acute and long-term care situations. Theoretical instruction of the clinical application of the vocational role and function and personal, family and community health concepts, nutrition, human growth and development over the lifespan, body structure and function, interpersonal relationship skills, mental health concepts, pharmacology and administration of medications, legal aspects of practice, Health Careers Core, Basic Life Support (BLS and CPR) for health-care providers, and current issues in nursing are all components of the program. Practical Nurses are employed in a variety of healthcare settings including hospitals, ambulatory care settings, long-term care facilities, home health agencies, private duty opportunities, and other appropriate medical areas. Upon program completion, graduates are eligible to take NCLEX-PN credentialing examination.

### **Program Description**

The Practical Nurse program offers preparation in the knowledge and clinical skills for students to enter the Practical Nursing field. Students in this program are conditioned to take the NCLEX-PN examination required for employment as an entry-level Licensed Practical Nurse (LPN).

## PROGRAM OUTLINE

<b>Course Code</b>	<b>Course Title</b>	<b>Clock Hours</b>
PN 100	Health Care	90
PN 102	Medical Terminology	40
PN 103	Anatomy and Physiology (Body Structure and Function)	100
PN 104	Human Growth and Development	20
PN 105	Vocational Role and Function - Personal Communication:	15
PN 106	Legal Aspects of Practice	15
PN 107	Nutrition	15
PN 108	Pharmacology and Administration of Medications	80
PN 109	Mental Health Concepts	30
PN109CL	Mental Health Concepts (clinical)	65
PN 110	Community Health Concepts-	20
PN110CL	Community Health Concepts – Public Health, Clinics, Public School System (clinical)	50
PN 111	Geriatric Nursing	30
PN111CL	Geriatric nursing (clinical)	144
PN 112	Medical Surgical Nursing	75
PN112CL	Medical Nursing (clinical)	144
PN 113	Medical Surgical Nursing	75
PN113CL	Surgical nursing (clinical)	144
PN 114	Obstetric Nursing	35
PN 114CL	Obstetric nursing (clinical)	64
PN 115	Pediatric Nursing	<u>35</u>
PN115CL	Pediatric Nursing (clinical)	<u>64</u>
	<b>Total Clock Hours</b>	<b><u>1350</u></b>

## **COURSE DESCRIPTIONS**

PN 100	Health Care	90 clock hours
This course covers the Core and the competencies of basic knowledge necessary in the health occupations career. It includes basic communication skills; math and science, employability skills, safety practices, legal and ethical responsibilities, knowledge of the health care system as a whole, principles of infection control, first aid, and basic patient care competencies.		
Prerequisites: None		
PN 102	Medical Terminology	40 clock hours
This course introduces the student to the basic knowledge and understanding of medical language and terminology used by health care professionals. Students are required to receive a final grade of B or 3.0 or higher in this course or they must repeat the course.		
Prerequisites: None		
PN 103	Anatomy and Physiology	100 clock 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, special senses, integumentary, skeletal and muscular, and respiratory systems. Students are required to receive a final grade of B or 3.0 or higher in this course or they must repeat the course.		
Prerequisites : None		
PN 104	Human Growth and Development	20 clock hours
In a learning training setting, this course examines the human life cycle from infancy through old age. Emphasis will be placed on the psychological, biological, and sociological development of the human being and the factors influencing changes that occur during each life stage. The role of the family as it relates to health and wellness and its role in growth and development will also be explored.		
Prerequisites : None		
PN 105	Vocational Role and Function	15 clock hours
This course will stress the importance of professional and interpersonal communication in order to maintain interdisciplinary relationships. The student is introduced to strong work ethics, personal and professional traits, interpersonal relationship, practicum, and career planning.		
Prerequisites None		
PN 106	Legal Aspects of Practice	15 clock hours
In a learning training setting, this course introduces the student to the medical legal issues confronting nurses in the health care settings.		
Prerequisites: None		

**PN 107      Nutrition                                  15 clock hours**  
In a learning training setting, this course will emphasize the importance of promoting good nutrition and the concepts of planning modified diets for the health impaired client.  
Concepts of nutrition promotion will be explored.  
Prerequisites : None

**PN 108 Pharmacology & Administration of Medications                                  80 clock hours**  
This course introduces the PN student to the basics of Pharmacology. Students will explore the major classes of medications, their therapeutic uses, and nursing interventions related to medication side effects.  
Prerequisites : PN 100, PN102, PN103

**PN 109      Mental Health Nursing                                  30 clock hours**  
This course introduces the student to the basic concepts of mental health, mental illness and the role of the practical nurse in caring for clients with mental health needs. The concepts of nursing process, therapeutic communication and legal/ethical/professional standards of care will be explored as they influence mental health nursing practice. Students will develop skills in differentiating among various mental disorders in terms of symptoms, nursing diagnoses, treatment modalities, pharmacology and in the formulation of nursing intervention strategies. Students will have the opportunity to develop skills in assessment and intervention for clients experiencing mood disorders, psychosis and substance abuse.  
Prerequisites : PN100, PN102, PN103, PN108

**PN 109CL      Mental Health Clinical Nursing                                  65 clinical clock hours**  
This clinical practicum emphasizes in the application of the nursing process and knowledge of the mental health population. It also focuses in the application of mental health theory disorders such as eating, mood, personality, substance abuse, and schizophrenia to meet the mental health client needs.  
Prerequisites : PN100, PN102, PN103, PN108, Co-Requisite: PN110

**PN 110Community Health Nursing                                  20 clock hours**  
This course introduces students to the theoretical concepts of community and population based community health nursing practice. Emphasis will be on promotion of community health and community health nursing roles.  
Prerequisites : PN100, PN 102, PN103, PN104, PN108

**PN110CL      Community Health Concepts Clinical Nursing                                  50 clinical clock hours**  
This clinical course will enable students to apply the community health principles. Clinical experiences focus on principles and concepts of health promotion and health education in various community setting such as respite homes, homeless outreach centers, and other organizations promoting quality of life for the underserved in the community.  
Prerequisites: PN100, PN102, PN103, PN108, Co-Requisite: PN110

PN 111	Geriatic Nursing	30 clock hours
In this module, the student will be introduced to health promotion and care of the older adult. Student will have the opportunity to learn about the health and wellness of the aging population in the United States, explore some of the common myths about aging, and the theories of aging. Next the student will explore methods for assessing body systems, nursing diagnoses appropriate to the older adult, areas in which older adults differ in their response to illness and other stressors, and changes that occur with aging in intelligence, learning and memory. Finally, the student will have the opportunity to learn ways to preserve dignity and self-esteem in the older adult.		
Prerequisites: PN 100, PN102, PN103, PN108		
PN111CL	Geriatric nursing (clinical)	144 clinical clock hours
This course provides clinical experience for students with nursing care in geriatric settings working with aging population. The course introduces the students to the practical application of the basic concepts caring for geriatric patients and the role of the practical nurse in their care. This clinical experience builds upon the theory and knowledge gained.		
Prerequisites: PN100, PN 102, PN103, PN108, PN112, Co-Requisite: PN111		
PN 112	Medical Surgical Nursing 1	75 clock hours
The course is designed to introduce the student to nursing principles in the care of the adult patient. The student will study patient care problems that are specific to altered body systems. The focus will be on the cardiovascular, respiratory, lymphatic and neurological systems. The student will study the essential nursing considerations for total patient care management and the application of the nursing process to formulate nursing care plans.		
Prerequisites: PN 108		
PN112CL	Medical Surgical Nursing I (clinical)	144 clinical clock hours
This clinical practice emphasizes the life process of adulthood and aging. Integration of nursing science into the problem solving process,, interpersonal, and clinical skills in the nursing care of adults, in varying stages of health.		
Prerequisite: PN112		
PN 113	Medical Surgical Nursing II	75 clock hours
In a learning and residential training setting, this course the course is a continuation of Medical Surgical I. Further study will include the urinary, gastrointestinal, cardiovascular, endocrine, reproductive, immune, neurological, and lymphatic systems. The course will also discuss sexually transmitted diseases. The student will study essential nursing considerations for total patient care management and the formulation of nursing care plans.		
Prerequisites: PN112, PN112CL		
PN 113CL	Surgical Nursing II (clinical)	144 clinical clock hours

Prerequisites: PN112, PN112CL Co-Requisite: PN113

PN 114Obstetric Nursing 35 clock hours  
This course introduces the student to the role of the practical nurse in assessing and meeting the needs of the OB/GYN patient. Emphasis will be placed on the roles of the PN in reproductive anatomy and physiology, prenatal development, labor and delivery (including pain management), antepartum and post-partum care, and complications and risk factors of pregnancy. Diseases of the reproductive system will be covered in terms of their deviation from normal functioning.

Prerequisites: PN100, PN 102, PN103, PN108

PN114CL     Obstetric nursing (clinical)                      64 clock hours  
This course considers the nursing care of individuals on a continuum related to childbearing, evolving through the maternity cycle and care of the neonate. Students apply the basic concepts in caring for childbearing families. Students' knowledge and understanding of the family and how it is affected during the reproductive experiences is approached in terms of basic health needs--physical, psychosocial, and socio-cultural. Students are exposed to concepts and techniques used in childbirth preparation classes. Throughout the childbearing experience, students will provide nursing care to clients during pregnancy, labor/delivery, and postpartum.

Prerequisites: PN100, PN102, PN103, PN108, Co-Requisite 114

PN 115      Pediatric Nursing      35 clock hours

In a learning training setting, this course focuses on the care of children from birth through adolescence. The effects of acute and chronic illness on growth and development are studied in the acute and community care setting. Education of the child and family on health promotion, disease prevention, and safety issues are addressed. Ethical issues are discussed regarding the relationship to the child and family, including issues such as child abuse, informed consent, and the impact of diverse cultural and spiritual beliefs on health care decisions in the family.

Prerequisites: PN100, PN 102, PN103, PN104, PN108

**PN115CL Pediatric Clinical Nursing**      **64 clinical clock hours**

This course focuses on health management and maintenance and the prevention of illness, care of the family as a whole, care of the child as a whole, and deviations from the normal state of health. The definition of client care includes using the nursing process, performing assessments, using critical thinking, and providing client education. Topics include: health management and maintenance and prevention of illness, care of the child as a whole, and deviations from the normal state of health in the pediatric client; care, treatment, pharmacology, medication administration, and diet therapy of the pediatric client; growth and development; and standard precautions.

Prerequisites: PN100, PN102, PN103, PN108, Co-Requisite PN115

All Practical Nursing Clinical Courses are graded as either A (Pass) or F (Fail). A grade of A (Pass) is obtained by completing all of the following requirements:

- Minimum score of 2.8 on Midterm Clinical Evaluation
- Minimum score of 2.8 on Final Clinical Evaluation
- Minimum score of 80% on Clinical Medication Exam
- Proficient demonstration of nursing skill as assigned by clinical coordinator/instructor

Failure to successfully pass any one of the above requirements will result in an F (Fail) for the clinical course.

## ***Medical Assistant***

Diploma Program

Method of Delivery: Residential

36 weeks/ 900 clock hours

### **Program Description**

More and more medical offices desire to hire medical assistants who possess diverse skill sets. A Medical Assistant can seek entry level employment in physician's offices, outpatient medical facilities, hospital, clinics, and 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 220 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.

### **Program Objective**

The objective of the Medical Assistant program is for students to seek entry level employment in physician's offices, outpatient medical facilities, hospital, clinics, and other related health care setting one completion of the program has been achieved.

## **PROGRAM OUTLINE**

Course Code	Course Description	Clock Hours
HC101	Health Care and Body Systems	100
MA101	Medical Office Process	60
MA102	Financial & Insurance Office	60
MA103	Anatomy/Physiology/Related Diseases	80
MA104	Electrocardiography	80
MA105	Pharmacology/ Medication	80

PH101	Phlebotomy	120
MA106	Clinical Procedures	100
MA107	Medical Assisting Externship	220
Total Hours		900

#### COURSE DESCRIPTIONS

**HC101 Heath Care and Body Systems** 100 clock 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.

**PREREQUISITES:** None

**MA101 Medical Office Process** 60 clock hours  
 In an online and residential training setting, this course introduces the student to the characteristics, responsibilities, and job opportunities of the Medical Assistant. 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 office communications.

**PREREQUISITES:** None

**MA102 Financial & Insurance Office Process** 60 clock hours  
 In an online and on campus mode of delivery, this course is designed to introduce the student to the patient's medical record. 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.

**PREREQUISITES:** None

**MA103 Anatomy & Physiology** 80 clock 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, special senses, integumentary, skeletal and muscular, and respiratory systems.

**PREREQUISITE:** None

**MA104 Electrocardiography** 80 clock hours  
 This course includes basic principles of the cardiovascular system, the normal electrocardiograms, lead systems, identifying rhythms, performing the ECG, and quality assurance and continual quality improvement.

**PREREQUISITE:** None

MA105 Pharmacology/ Medication Administration 80 clock hour  
This course covers pharmacology, dosage calculations using the metric system and IV dosage calculations for the administration of prescription and non-prescription medications, injections and immunizations. Patient teaching and communication are emphasized.  
PREREQUISITE: None

PH101 Phlebotomy 120 clock 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.  
PREREQUISITE: None

MA106 Clinical Procedures 100 clock 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.  
PREREQUISITE: None

MA107 Medical Assisting Externship 220 clock hours  
The medical assisting externship will be completed in a physician's office, Outpatient medical facility, or other healthcare setting.  
PREREQUISITE: All courses

## ***Nursing Assistant***

Diploma Program  
Method of Delivery: Residential  
5 weeks / 120 clock hours

### **Program Objective:**

The program objective is to provide a student with career training for employment as a basic Nursing Assistant in a long-term care facility, hospital or other related healthcare setting. Specific course objectives: demonstrate knowledge of patient care, nutritional needs, safety and comfort measures, and competency in providing personal patient care, applying infection control principles, and assisting with rehabilitative activities. A 40- hour externship in a long- term care facility is required for program completion. Students are required to present a negative TB report from a doctor prior to attending clinical externship. Students that have completed the Nursing Assistant programs are eligible to make application to take the Florida Certified Nursing Assistant (CNA) Examination. A level-2- FBI background screening will be conducted on all candidates. A criminal record may keep a student from obtaining a license or certification in some medical programs. Therefore, a criminal record may affect the student's ability to gain employment in the field of training. Nursing Assistant graduates may work for up to 120 days without certification. Graduates must make application and pass the certification examination before the expiration of the 120 days to become employed.

## **Program Description**

The program description is to provide students with career training for employment as a basic Nursing Assistant in a long-term care facility, hospital or other related healthcare setting.

### **Program Outline**

*Mon. – Thur. 8:30 am-1: 30 pm      Externship- Fri. 7:00 am-3:00pm (day)*

<u>Required Courses</u>	<u>Clock Hours</u>
NA101 Nursing Assistant	80
NA102 Nursing Assistant Externship	40
Total Hours	120

### **Course Descriptions**

**NA101 Nursing Assistant**                          4 weeks                  80 clock hours

This course instructs students in the role of nursing assistant, personal care skills and basic nursing skills as related to long term care.

Prerequisite: None

**NA102 Nursing Assistant Externship**                          1 weeks                  40 clock hours

In this course students will practice skills learned in NA101 in a clinical acute care setting. Students will engage in the role of the nursing assistant, personal care skills, and basic nursing skills as related to extended care facilities and hospital care.

Prerequisite-NA101

## ***Phlebotomy Technician***

Diploma program 11 weeks/220 clock hours

Method of Delivery: Residential

### **PROGRAM OBJECTIVE**

The program objective is to provide students with career training for employment as basic Phlebotomists in a physician's office, hospital, outpatient center, laboratory, or other healthcare facility. Phlebotomy procedures are practiced on a training arm. The national Phlebotomy Technician certification examination through NHA 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.

### **PROGRAM DESCRIPTION**

The Phlebotomy program is to provide students with career training for employment as basic Phlebotomists in a physician's office, hospital, outpatient center, laboratory, or other healthcare facility.

## PROGRAM OUTLINE

Course Code	Course Title	Clock hours
HC 101	Health Care & Body Systems	100
PH101	Phlebotomy	120

HC101 Heath Core and Body Systems 100 clock hours

This course describes health care delivery system and 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 concept, HIV/AIDS, Domestic Violence and OSHA are also included.

Prerequisites: None

PH101 Phlebotomy 120 clock 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

## *Distant Education*

Cambridge Institute of Allied Health & Technology strives to provide students with the ability to adapt their skills and knowledge to meet the demands of a dynamic, team-based environment. The online Distance Education Division focuses heavily on concept formation and skill development through collaborative learning. Our online courses offer flexibility to students.

The following courses may be offered on campus, on-line or a combination of both:

Anatomy & Physiology I

Anatomy & Physiology II

College Algebra

English Composition

Medical Terminology

Introduction to Psychology

Introduction to Health Sciences

Fundamentals of Speech

Introduction to Computers

## General Physics

**The blended programs (Diagnostic Medical Sonography, and Nursing,) at Cambridge Institute of Allied Health and Technology are ONLY offered in the state of Florida and students must disclose if they leave the state during their enrollment which could affect their status in the program.**

## **Bachelors in Radiologic Sciences Program**

Bachelor of Science Degree

Method of Delivery – Online

64 weeks- 120 semester hours - 675 clock hours

(75 semesters credits awarded for prior learning and admission requirements\*)

### **Program Objective**

The Bachelors of Science in Radiologic Science program at Cambridge Institute of Allied Health & Technology is a bridge program designed to enhance the training and education of the licensed registered Radiologic Technologist who has completed an associate degree education in Radiologic Technology program.

### **Program Description**

The Bachelor of Science in Radiologic Science program at Cambridge Institute of Allied Health & Technology is a bridge program designed to enhance the training and education of the licensed registered Radiologic Technologist who has completed an associate degree education in Radiologic Technology program. The program offers two tracks, one is a healthcare track and the other is an educational track. The program prepares bachelor level tech graduates to plan, deliver, and manage safe, quality patient care as Radiologic Technologist 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 fulfilled class requirements and demonstrate the student learning outcomes and graduate competencies should have the ability to make successful transition into a professional Baccalaureate Radiologic Science role in a healthcare setting.

### **Program Student Learning Outcomes**

The BS in Radiologic Sciences graduate will:

1. Practice safe, quality care to patients, including individuals, families, groups, communities, and population across the lifespan and across the continuum of health care environments;
2. Assess the variations, the complexities, and the need for increased use of healthcare resources in providing patient care;
3. Apply leadership knowledge and skills in radiology care and collaboration with health care team;

4. Demonstrate the ability to communicate, collaborate, and use teamwork among healthcare professional;
5. Apply knowledge and skills in information management and patient care technology; and
6. Examine health care policies, finance, and the regulatory requirements of the profession.

***Admission Requirements for the BS in Radiologic Sciences***

- Provide documentation of completion of an associate degree in Radiologic Technology education program at an institution recognized by the U.S. Department of Education (foreign diploma must be evaluated as equivalent)
- Have a current, active ARRT (R) license with no restrictions in the U.S.
- Provide official transcript evidencing the successful completion of at least 21 semester/ 32 quarter credits in general education (2.0 or better) to include the following pre-requisite courses:
  - Anatomy and Physiology I and II with labs
  - English Composition
  - Microbiology with lab
  - College Algebra
  - Psychology
  - Introduction to Computer (or pass literacy test)
- Pay registration fee based on signed arrangement
- Complete appropriate documents
- Submit all required forms by the designated deadlines
- Complete interview with Director Radiologic Science
- Attend online orientation session

***Graduation Requirements***

The requirements of the Program for graduation are as follows:

- Completion of all program courses with a satisfactory grade of 75% or above
- Completion with an earned grade point average of 2.5 or above
- Tuition accounts satisfied

***Program Outline***

Course Code Hours	Course Title	Clock Hours	Semester
BSC301**	Pathophysiology	45	3
ENC402**	College Writing	45	3
MAC310**	Statistics	45	3
RAD320	Sectional Anatomy	45	3
RAD 321	Advanced Sectional Anatomy	60	4
RAD400	Professional Capstone	60	4
RAD318	Sectional Pathology	60	4
PHI401**	Critical Thinking	45	3
PSY401**	Abnormal Psychology	45	3
COM 301**	Microcomputer applications	45	3

EDU310***	Education Technology***	45	3
EDU315***	Foundations of Adult Education***	45	3
EDU410***	Health Education Training Development***	45	3
EDU420***	Clinical Education***	45	3
HCA310***	Health Care Law and Compliance***	45	3
HCA315***	Patient Information and Management***	45	3
HCA420***	Healthcare Management***	45	3
HCA410***	Quality Management***	45	3

\* Credits Awarded for Prior Learning and Admission Requirement 75 - Total Credits Required 120

\* 75 semester credits will be awarded for satisfactory completion of a Radiology Technology associate education program, for unrestricted licensure as a ARRT (R), and for demonstration of admission requirement of successful completion of 21 semester credits (or equivalent) of general education courses and required pre-requisite courses.

\*\* General education courses \*\*\*Decision of Track

## *Course Descriptions*

**BSB301 Pathophysiology**      **3 Credits**      **45 Clock Hours**  
In an online delivery, this course provides a study of variations in physiologic functioning and alterations in physiologic response of body systems. The course addresses physiologic changes that will help identify alterations in body systems and their relationship to the patient's state of health. Topics include altered cell functioning, genetic disorders, risk factors, and health promotion and disease prevention.  
Prerequisites: None

**ENC402 College Writing**      **3 Credits**      **45 Clock Hours**  
In an online delivery, this course equips developing writers with the critical thinking skills they need to interpret and analyze information and express their ideas clearly and logically in writing.  
Prerequisites: None

**MAC310 Statistics**      **3 Credits**      **45 Clock Hours**  
In an online delivery, this course provides the essentials of statistics with new and interesting data sets, examples, and exercises in statistics. The course fosters personal growth of students through critical thinking, use of technology, collaborative work, and development of communication skills. The course incorporates the latest and best methods used by professional statisticians.  
Prerequisites: None

**PHI401 Critical Thinking**                                    3 Credits        45 Clock Hours

In an online delivery, this course guides students in improving critical thinking skills through careful analysis, reasoned inference, and thoughtful evaluation of contemporary culture and ideas.

Prerequisites: None

**PSY401 Abnormal Psychology**                                    3 Credits        45 Clock Hours

In an online delivery, this course offers students a researched, engaging, and up-to-date explanation of psychopathology, creating a learning experience that provokes thought and increases awareness. This course reflects the ever-changing field of abnormal psychology.

Prerequisites: None

**COM301 Microcomputers Applications**                            3 Credits        45 Clock Hours

This course prepares students to utilize Windows-based applications within the Windows environment. Through a hands-on approach, students will achieve advanced application knowledge of Windows, word processing, presentation software, and spreadsheets.

Prerequisites: None

**RAD320 Sectional Anatomy**                                    4 Credits        60 Clock Hours

The positions and graphic identification of the major blood vessels, structures and organs of the head, neck, thorax and abdomen are studied. Successful completion of this course will assist the imaging professional in understanding the physical relationship of internal structures,

Prerequisites: ENC402

**RAD321 Advanced Sectional Anatomy**                            4 Credits        60 Clock Hours

This course provides the student with an opportunity to increase their understanding of advanced sectional anatomy. A wide range of topics will be explained, including the function and application of advanced imaging technologies, as well as current issues and trends.

Prerequisites: ENC402, RAD320

**RAD318 Sectional Pathology**                                    4 Credits        60 Clock Hours

The course is designed to provide the audience with comprehensive information on the common pathology that is demonstrated using radiologic imaging modalities. The presenter will discuss cross-sectional images visualized using computed tomography and magnetic resonance imaging, and she also will present pathology demonstrated using sonography and nuclear medicine. Multiple references will be used to present current pathology trends.

Prerequisites: ENC402

**RAD400 Professional Capstone**                                    4 Credits        60 Clock Hours

This is a capstone course focusing on the synthesis of professional knowledge and critical thinking skills in preparation for professional advancement and lifelong learning. This course provides students with an opportunity to identify and develop research skills necessary to create a solution for an existing healthcare issue. The course content is geared

to increase and disseminate intellectual inquiry, information literacy, and the use of scholarly research methods.

Prerequisites: All courses

## ***Education Track***

EDU310 Education Technology (E Track)                    3 Credits        45 Clock Hours

This course introduces the use of technology to enhance teaching and learning in all education environments. Topics include course management systems and online learning, multimedia development, eResources, online libraries, social media and legal and ethical uses for technology.

Prerequisites: ENC402

EDU315 Foundations of Adult Education (E Track) 3 Credits        45 Clock Hours

This course examines factors to consider when planning instruction for adults, including participant attributes, the context in which learning occurs, content and motivation for learning, as well as the learning process itself. Students will examine various approaches to learning and theories of adult education.

Prerequisites: ENC402

EDU410 Health Education Training and Development            3 Credits        45 Clock Hours

This course addresses community health education training and development. Program development and implementation in settings outside of the traditional classrooms are emphasized. Topics include: needs assessment, budgeting, research and analysis, program planning, project management, training delivery methods, and equivalent of training efficacy.

Prerequisites: ENC402

EDU420 Clinical Education (E Track)                    3 Credits        45 Clock Hour

This courses examine education and training within the scope of the clinical setting. Topics include teaching and training methods, mentoring, evaluation technique and competency assessment in the healthcare field.

Prerequisites: ENC402

## ***Healthcare Track***

HCA310 Healthcare Law and Compliance (H Track)            3 Credits        45 Clock Hours

Healthcare law and compliance is important because of its financial and emotional impact on healthcare professionals, patients and healthcare facilities. This content is geared toward legal and compliance issues that affect the employee and employer directly. In addition, this content gives the guidance on risk management techniques, including reporting, that can help mitigate noncompliance.

Prerequisites: ENC402

HCA315 Patient Information and Management (H Track) 3 Credit        45 Clock Hours

Patient information management is import because it is an integral role in healthcare professionalism with management teams. It is essential for the healthcare professional to

provide all members of the team with a thorough patient record to ensure quality patient care.

Prerequisites: ENC402

HCA410 Quality Management (H Track)                    3 Credits            45 Clock Hours

This course provides the student with a solid foundation in quality management and teamwork within the health care environment. Quality management is important to ensure the proper functioning of equipment and compliance with various standards. Healthcare professionals should have an understanding of the activities and their role in leading the quality management process.

Prerequisites: ENC402

HCA420 Healthcare Management (H Track)                    3 Credits            45 Clock Hours

This course provides students with an overview of concepts and issues related to healthcare leadership. It is generally a required course for any subsequent healthcare management courses. Through the examination of management topics and healthcare situations, the student will explore the skills and knowledge needed to be successful in a diverse healthcare environment.

Topics include healthcare leadership, research and analysis, organizational design as it relates to the uniqueness of healthcare organizations, managing professionals, and diversity in the workplace.

Prerequisites: ENC402

## ***Registered Nurse to Bachelor of Science in Nursing (RN to BSN)***

Bachelor of Science Degree Program

Method of Delivery – Online

64 weeks- hours may vary

125 semester hours

(77 semesters credits awarded for prior learning and admission requirements\*)

720 clock hours

### **Program Mission**

The Registered Nurse to Bachelor of Science in Nursing (RN to BSN) program at Cambridge Institute of Allied Health & Technology is a bridge program designed to enhance the training and education of the licensed registered nurse who has completed an associate degree or diploma registered nurse education program. The program prepares bachelor level nursing graduates to plan, deliver, and manage safe, quality 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 fulfilled class requirements and demonstrate the student learning outcomes and graduate competencies should have the ability to make successful transition into a professional baccalaureate nursing role in a healthcare setting.

## Program Student Learning Outcomes

The RN to BSN graduate will:

1. Practice safe, quality care to patients, including individuals, families, groups, communities, and population across the lifespan and across the continuum of health care environments;
2. Assess the variations, the complexities, and the need for increased use of healthcare resources in providing patient care;
3. Apply leadership knowledge and skills in nursing care and collaboration with health care team;
4. Demonstrate the ability to communicate, collaborate, and use teamwork among healthcare professional;
5. Evaluate research evidence and translate into an evidence-based nursing practice;
6. Promote quality improvement in nursing practice;
7. Apply knowledge and skills in information management and patient care technology; and
8. Examine health care policies, finance, and the regulatory requirements of the profession and nursing practice.

### Admission Requirements for the RN to BSN Program

- Provide documentation of completion of an associate degree or diploma RN education program at an institution recognized by the U.S. Department of Education (foreign diploma must be evaluated as equivalent)
- Have a current, active RN license with no restrictions in the U.S. or a jurisdiction that is an associate member of the NCSBN
- Provide official transcript evidencing the successful completion of at least 21 semester/ 32 quarter credits in general education (2.0 or better) to include the following pre-requisite courses:

Anatomy and Physiology I and II with labs  
English Composition  
Microbiology with lab  
College Algebra  
Psychology  
Introduction to Computer (or pass literacy test)

- Pay registration fee based on signed arrangement
- Satisfactory Level II background check
- Satisfactory Drug Test (10 panel)
- Complete appropriate documents
- Submit all required forms by the designated deadlines
- Complete interview with Director of Nursing
- Attend online orientation session

### Graduation Requirements

The requirements of the Program for graduation are as follows:

- Completion of all program courses with a satisfactory grade of 75% or above

- Completion with an earned grade point average of 2.5 or above
- Tuition accounts satisfied

## PROGRAM OUTLINE

Course Code	Course Title	Clock Hours	Semester Hours
BSC301**	Pathophysiology	45	3
ENC402**	College Writing	45	3
MAC310**	Statistics	45	3
NUR301	Nursing Informatics	45	3
NUR302	Nursing Research and Evidence-Based Practice	45	3
NUR311	Health Assessment for the RN	45	3
NUR312	Professional Issues in Nursing	45	3
NUR313	Health Care Delivery Systems	45	3
NUR411	Population-Based Nursing	45	3
NUR412	Gerontology	45	3
NUR413	Health Promotion in Nursing	45	3
NUR430	Cultural Issues in Nursing	45	3
NUR431	Leadership and Management in Nursing	45	3
NUR432	Nursing Capstone	45	3
PHI401**	Critical Thinking	45	3
PSY401**	Abnormal Psychology	45	3
SUBTOTAL		720	48

\* Credits Awarded for Prior Learning and Admission Requirements 77 TOTAL 125

\* 77 semester credits will be awarded for satisfactory completion of a state Board of Nursing associate or diploma level registered nurse education program, for unrestricted state licensure as a registered nurse, and for demonstration of admission requirement of successful completion of 21 semester credits (or equivalent) of general education courses and required pre-requisite courses.

\*\* General education courses

### ***Course Descriptions***

BSC301 Pathophysiology 3 Credits 45 Clock Hours

In an online delivery, this course provides a study of variations in physiologic functioning and alterations in physiologic response of body systems. The course addresses physiologic changes that will help identify alterations in body systems and their relationship to the patient's state of health. Topics include altered cell functioning, genetic disorders, risk factors, and health promotion and disease prevention.

Prerequisites: None

ENC402 College Writing 3 Credits 45 Clock Hours

In an online delivery, this course equips developing writers with the critical thinking skills they need to interpret and analyze information and express their ideas clearly and logically in writing.

Prerequisites: None

MAC310 Statistics 3 Credits 45 Clock Hours

In an online delivery, this course provides the essentials of statistics with new and interesting data sets, examples, and exercises in statistics. The course fosters personal growth of students through critical thinking, use of technology, collaborative work, and development of communication skills. The course incorporates the latest and best methods used by professional statisticians.

Prerequisites: None

NUR301 Nursing Informatics 3 Credits 45 Clock Hours

In an online delivery, this course is the foundation for the improvement of nursing practice and patient outcomes through the application of knowledge and understanding of the history, terminology, and impact of informatics to the promotion of nursing professionalism in patient care and safety.

Prerequisites: None

NUR302 Nursing Research and Evidence-Based Practice

3 Credits 45 Clock Hours

In an online delivery, this course focuses on developing the professional nurse to be a leader in providing high-quality, evidence-based, patient-centered care in a complex health care system. Building on the RN's skills and experience, the program integrates professional development, critical thinking, quality improvement, safety, ethics, and inter-professional leadership skills. Prerequisites: None

NUR311 Health Assessment for the RN 3 Credits 45 Clock Hours

In an online delivery, this course provides the RN-BSN student with the opportunity to build on knowledge and skills of performing and documenting a comprehensive health assessment of diverse individuals across the life span. Critical analysis and synthesis of assessment findings will be emphasized to aid in clinical judgment and decision making for patient care.

Prerequisites: None

NUR312 Professional Issues in Nursing 3 Credits 45 Clock Hours

In an online delivery, this course provides a transition for professional nurses as they begin their studies to achieve a baccalaureate of science in nursing degree. The course addresses qualities that professional nurses need to be leaders in complex and ever-changing global health care environment. Topics include role transition, nursing history, ethical and legal issues, nursing theory, professional roles of the nurse, cultural considerations, violence in society, and advanced practice roles

Prerequisites: None

NUR313 Health Care Delivery Systems 3 Credits 45 Clock Hours

In an online delivery, this course provides perspectives on health care delivery past, present, and future. It also addresses the impact of health care issues on health care delivery

including the determinants of health to include insurance costs, applications for health professions, and the need of comprehensive planning and its impact on the future. The course will encourage the formulation and evaluation of potential solutions to some of the most urgent health care delivery issues facing the U.S. today.

Prerequisites: None

NUR411 Population-Based Nursing 3 Credits 45 Clock Hours

In an online delivery, this course focuses on an analysis of the nursing role as it relates to population-based health. The course addresses nursing theories, public health ethics, and nursing advocacy. Topics include the importance of health promotion and prevention across the lifespan, vulnerable populations, global health considerations, and nursing role in disaster settings.

Prerequisites: None

NUR412 Gerontology 3 Credits 45 Clock Hours

In an online delivery, this course provides a foundation for nursing practice with older adults across the spectrum of health, illness, and care settings. The more subtle presentation of disease and the importance of functional and geriatric-specific assessment tools as well as an interdisciplinary approach to care is thoroughly discussed. There is an emphasis in this course on early recognition of the geriatric syndromes, preventing a downward spiral of disability, and facilitating function and quality of life for the older adult. ANA Gerontological Standards of Care, Institute of Medicine (IOM), and QSEN recommendations for improvements in quality and safety provide the framework for this course. Nurses successfully completing this course will be able to incorporate Best Practices for managing pain, falls, delirium, dementia, malnutrition, incontinence, and polypharmacy when caring for older adults.

Prerequisites: None

NUR413 Health Promotion in Nursing 3 Credits 45 Clock Hours

In an online delivery, this course explores the concept of health promotion and the application of health promotion concepts to nursing practice to enable the client to control and improve health outcomes. While focusing on the methodology critical to developing a plan of care for clients, students will learn the rationale and techniques for utilizing specific assessment tools, analysis of assessment data, selection of life span appropriate interventions, implementation of interventions, and measurement of resulting outcomes. Content will be focused on cultural diversity, disparity in health care and social determinants that impact the client's plan of care and resulting approaches for promoting a healthier society. The use of technology and health promotion research will be explored and applied to nursing practice.

Prerequisites: None

NUR430 Cultural Issues in Nursing 3 Credits 45 Clock Hours

In an online delivery, this course focuses on culture and its impact on health care delivery at the individual, community, and system levels. This course is designed to raise awareness, to inspire action, and to open discussion of cultural issues affecting professional nursing

practice.

Prerequisites: None

NUR431 Leadership and Management for Nursing 3 Credits 45 Clock Hours

In an online delivery, this course provides an in-depth study of leadership and management principles as they apply to professional nursing practice. Students will explore teamwork and multidisciplinary collaboration, communication, the change process, and evidence-based practice. This course will cover health care quality, legal policies, ethics, finance, and technology as they apply to leadership and management in nursing.

Prerequisites: None

NUR432 Nursing Capstone 3 Credits 45 Clock Hours

In an online delivery, this course is designed for the RN-BSN students at the end of their program of student. It provides students with an opportunity to synthesize their knowledge of the concepts learned throughout the RN-BSN program. The primary focus is on applying this knowledge to a chosen evidence -based project that is related to an area of interest in nursing and health care.

Prerequisites: Satisfactory completion of all courses in semesters 1, 2, 3, and semester 4 - session 1

PHI401 Critical Thinking 3 Credits 45 Clock Hours

In an online delivery, this course guides students in improving critical thinking skills through careful analysis, reasoned inference, and thoughtful evaluation of contemporary culture and ideas.

Prerequisites: None

PSY401 Abnormal Psychology 3 Credits 45 Clock Hours

In an online delivery, this course offers students a researched, engaging, and up-to-date explanation of psychopathology, creating a learning experience that provokes thought and increases awareness. This course reflects the ever-changing field of abnormal psychology.

Prerequisites: None

## ***Medical Billing and Coding***

900 Clock Hours

Diploma Program

37.5 Weeks

Method of Delivery: 100% Distant Education

**Program Objective:** In a Full Distant Education setting, the Medical Billing and Coding program aims to provide an interactive, robust educational program that prepares graduates for entry level positions in the medical billing and coding facilities.

**Program Description:** This course is designed to prepare students to perform all of the tasks required of a Medical Biller and Coder. This is accomplished in an online setting through theory courses designed to prepare students with the knowledge and skill needed to perform billing and coding processes. The program provides theoretical and laboratory-based training in foundational skills, including medical terminology, anatomy and physiology, pathology, another health sciences, as well as computer sciences. The program builds upon this knowledge base with more advanced and specific processes and procedures in medical coding and billing, computerized practice management, electronic health records and systems management. Students will learn laws and codes of regulation pertaining to healthcare records, privacy, archival requirements and privacy laws.

### ***Program Outline***

Course Number	Course Title	Clock Hours
HSC100	Health Science Core Fundamentals I	45
HSC120	Anatomy & Physiology I with Lab	60
HSC130	Anatomy & Physiology II & Pathophysiology	75
HSC140	Medical Terminology	45
MCB100	Introduction to Medical Billing and Coding	45
MCB110	Electronic Medical Office Procedures	60
COM100	Computer Applications	60
COM120	Computerized Practice Management	45
MCB120	CPT 4	60
MCB140	ICD 9/HCPCS	75
MCB180	ICD10	60
MCB200	Medical Insurance	45
EMR140	Electronic Medical Records I	75
EMR150	Electronic Medical Records II	75
HSC160	Professional Development and Career Preparation	15
MCB160	Medical Office Procedures	60

**Grand Total** 900

## *Course Descriptions*

COM100 Computer Applications 60 Clock Hours

This course is designed to prepare students to become proficient at using Microsoft Office software. Students will be familiar with and know how to use at least 75% of the features and capabilities of Microsoft Office Word & Excel 2010. They will also learn how to effectively utilize PowerPoint and Outlook for creating presentations and managing email.

HSC120 Anatomy & Physiology I with Lab 60 Clock Hours

This course provides a strong foundation in principles of anatomy and physiology for medical professionals. Emphasis in this course is placed upon the organization of the body, structure and function, the origins of biomedical sciences, body systems, histology, general terminology and the contextual preface of the language of medicine.

HSC130 Anatomy & Physiology II & Pathophysiology 75 Clock Hours

This course provides a strong foundation in principles of anatomy and physiology for medical professionals. Emphasis in this course is placed upon the structure and function of human physiology and anatomy, as well as special emphasis on the pathology of diseases.

HSC140 Medical Terminology 45 Clock Hours

This course provides 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. The student will possess the aptitude to comprehend and use information in both written and oral formats.

The student will possess the ability to demonstrate critical thinking and problem solving appropriate to his/her program of study.

HSC 100 Health Science Core Fundamentals I 45 Clock Hours

This course describes health care delivery system and 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 concept, CPR, 4 hours of HIV/AIDS education, Domestic Violence and OSHA are also included.

**MCB100 Introduction to Medical Billing and Coding**                           **45 Clock Hours**

This course introduces the student to medical billing and coding within our health care delivery system. Health occupations, communication, interpersonal skills, and computer literacy will be discussed. This course also includes ethical and legal issues, HIPPA, employability skills, new healthcare regulation, and basic math and science.

**MCB160 Medical Office Procedures**                           **75 Clock Hours**

This course is designed to introduce the student to the Medical office environment and responsibilities of the Medical Biller and Coder. The course is a foundational and critical structure in the development of medical office professionals. Emphasis in this course is placed upon the medical office tasks, customer service, limiting liability and the relationship of these tasks to revenue collection performed through the process of patient care and medical coding and billing.

**COM120 Computerized Practice Management**                           **45 Clock Hours**

In this course, students develop knowledge of the revenue models for healthcare facilities, their respective cycles, report generation, medical office management software, patient appointment and scheduling management.

**MCB120 CPT 4**                                                   **60 Clock Hours**

This course provides students with the knowledge base, and skill to perform CPT-4 coding procedures. In an online environment this course will emphasize the rules and guidelines of the CPT – 4 manual. The course is designed to help the beginner coder learn and understand the concept of coding using the CPT-4 coding manual.

**MCB140 ICD-9/HCPCS**                                           **75 Clock Hours**

This course provides an introduction for beginning coders to develop an understanding of ICD-9-CM characteristics, terminology, and conventions. The focus is to orient the student to the coding requirements of the prospective payment system in order to correctly code disorders to obtain reimbursement from insurance companies. Special emphasis is placed on level II (HCPCS).

**MCB180 ICD10**                                                   **60 Clock Hours**

Students will learn the procedures for conducting ICD 10 diagnosis coding and mapping.

In an online environment, students will be able to adapt ICD-9 principles, and information to an ICD 10 universe. This course places special emphasis on CM and PCS systems,

reimbursement mapping, applied conversion mechanisms, medical record coding, analytics, and interpretation.

MCB200 Medical Insurance	45 Clock Hours
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This course provides students with an understanding of the various health insurance systems in our country. Detail information regarding the impact of these various plans as it affects the rest of the American health care system. The history and growth of each program will be explored, with a particular emphasis on political, social, and economic factors that have influenced this development. Students will learn present coding procedures of these programs under law.

EMR120 Medical Office Procedures	60 Clock Hours
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Students develop skill and knowledge of the various medical office procedures to include management techniques, procedures and methodology for medical offices. Students will be able to create, develop, document and perform the various procedures used in the day to day practice of a medical office.

EMR140 Electronic Medical Records I	75 Clock Hours
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This course will cover the usage and management of health information and the electronic health record (EHR). This course will introduce the students to the use of health information and the electronic health record for any setting within the health care industry from acute, ambulatory, long term, home health, specialty, population health, and personal health that encompass the continuum of care. This course will provide students with a practical understanding of what an electronic health record specialist is and how important they are in the job market today.

EMR140 Electronic Medical Records II	75 Clock Hours
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This course continues with skills practice of usage and management of health information and the electronic health record (EHR). This course will introduce the students to the use of health information and the electronic health record for any setting within the health care industry from acute, ambulatory, long term, home health, specialty, population health, and personal health that encompass the continuum of care. This course will provide students with a practical understanding of what an electronic health record specialist is and how important they are in the job market today.

This course is designed to prepare the students for career transition. Students in this course will be able to study career pathways, learn more about certifications, receive introductory information concerning professional societies, and the importance of achieving certifications and credentials. Students in this course learn more about the career pathway in terms of academic opportunities, and develop leadership skills and knowledge in order to learn the creation of value for employers.

## ***Course Delivery Structure***

Cambridge Institute of Allied Health & Technology is pleased to offer a user friendly learning platform. Our courses offer diverse learning methodologies that enable students of all backgrounds to enjoy their experience online. Students are able to interact with instructors and peers in diverse learning experiences that facilitate the acquisition and application of knowledge. Our courses are offered in an asynchronous format but there are synchronous discussions for which students must be prepared to participate.

### **Security**

Students are assigned a secure username and password for Blackboard.

### **Student Support Resources**

Each Cambridge Institute of Allied Health & Technology course contains access to the following supportive resources:

### **Syllabus**

Each course syllabus includes the course description, course outcomes, course materials list, general course policies, the grading scale, instructor contact information and other pertinent course level information.

### **Discussion Boards**

Discussions are tied to specific course Learning Events for each course.

### **Integrated Content**

Some Distance Education courses include integrated electronic content from a text companion web site, CD-ROM or other delivery device. This content is fully integrated into the related course of instruction or Learning Event with instructions for its use and purpose.

### **Online Course Survey**

Students are given an opportunity to provide feedback on the courses taken online. These surveys are designed to assess the online content, learning management system, ease of access, student services and faculty. Students are encouraged to complete online surveys at the completion of a course.

## **Web Resources**

Every course includes links to additional web resources that serve as supplemental resources for the subject matter. These links are provided by the instructor and are not tied to a specific Presentation or Learning Event, but are identified as extra resources for the student's own use.

## **Technology Requirements**

TM Learn

If your computer does not have the proper hardware, Blackboard<sup>TM</sup> Release 9.1 may run slowly or may not run at all. Prior to using Blackboard Learn Release 9.1 on your computer, compare your current system configuration with the system requirements below.

### Microsoft Windows PC Requirements

#### **Hardware**

- Operating System:
  - Windows XP (SP2 or SP3), or newer (*minimum requirement*)
- Processor Speed:
  - 800 MHz Pentium III, or equivalent/better (*minimum requirement*)
- CPU Memory:
  - 512 MB of RAM or more (*minimum requirement*)
- Internet Connection:
  - Cable Broadband or DSL (*minimum requirement*)
- Internet Browser:
  - Internet Explorer 8.0 or greater; Mozilla Firefox 8 or greater, Google Chrome 14.0 or greater (*minimum requirement*)
  - Internet Browser Configuration:
    - Pop-Up Blocking disabled
    - JavaScript Enabled
    - Adobe Flash Player 10 or higher (free download)
- Java Runtime Environment:
  - Version 6 (build 1.6.0) or higher (free download)
- Hard Disk Space:
  - 500 MB Free (*minimum requirement*)
- Audio Card:
  - 24-bit or better (*minimum requirement*)
- Headset or speakers
- Computer microphone

#### **Software**

- Microsoft Office Suite 2007 or higher (Word, Excel, PowerPoint) (*minimum requirement*)
- Windows Media Player 12 or newer (free download)
- Adobe Acrobat Reader 10 or newer (free download)

- An updated anti-virus software

## Macintosh Requirements

### **Hardware** (*minimum requirements*)

- Operating System:
  - OS 10.4 (*minimum requirement*)
- Processor Speed:
  - 800 MHz G4, or better (*minimum requirement*)
- CPU Memory:
  - 256 MB of RAM or more (*minimum requirement*)
- Internet Connection:
  - Cable Broadband or DSL (*minimum requirement*)
- Internet Browser:
  - Apple Safari 5.1 or greater, Mozilla Firefox 8 or greater, Google Chrome 14.0 or greater (*minimum requirement*)
- Internet Browser Configuration:
  - Pop-Up Blocking disabled
  - JavaScript Enabled
  - Adobe Flash Player 10 or higher (free download)
- Java Runtime Environment:
  - Version 6 (build 1.6.0) or higher (free download)
- Hard Disk Space:
  - 500 MB Free (*minimum requirement*)
- Audio Card:
  - 24-bit or better (*minimum requirement*)
- Headset or speakers
- Computer microphone

### **Software**

- Microsoft Office for Mac 2008 Suite (Word, Excel, PowerPoint) (*minimum requirement*)
- Adobe Acrobat Reader 10 or newer (*minimum requirement*)
- Updated anti-virus software

\*Microsoft Word is required to submit all assignments. In addition, some classes require the use of Excel, PowerPoint, and Access. Students are responsible for ensuring that they have the software required and should not enroll in courses for which they do not have the necessary software.

### **Internet/Email**

- An internet service provider (ISP)
- An e-mail address, once enrolled you will be given a Cambridge email.

Students will need an Internet Service Provider (ISP). An ISP supplies access to the Internet

for a fee. In many areas, cable television and digital Internet services offer high-speed Internet access. The Cambridge Institute of Allied Health does not provide access to the Internet as part of its agreement.

### **LIBRARY/VIRTUAL LIBRARY**

The campus has a fully functioning library that is open each day. The mission of the library is to provide academic support to students and to create a stimulating environment that will encourage academic achievement. Students have access to a collection of books and electronic resources available for use in the building or remotely.

The link to the Virtual Library is found in our online learning management system. Students have access to research the library when logged into the online learning management system.

The Virtual Library contains full-text articles from thousands of major newspapers, trade journals, academic periodicals, magazines and international publications. Discipline-related databases furnish valuable industry information useful for course-related projects and job search opportunities as related to each program major. The library is an online learning resource center that is a web-enabled information center offering Microsoft Word, Excel and Power Point 2007, 2010, committed to facilitating lifelong learning and achievement of Cambridge Institute of Allied Health & Technology student and faculty community.

### **CAREER SERVICES**

It is the policy of Cambridge Institute of Allied Health & Technology to provide job search assistance to all graduates in the field for which they are trained. Although Cambridge Institute of Allied Health & Technology provides employment assistance, **it cannot guarantee employment upon graduation.**

Recognizing that career development is an ongoing process, the Career Services team strives to help students understand the importance of self-assessment, occupational exploration, decision making, goal setting, networking, the job search, and developing productive connections in the workplace. Career Services offers a collaborative link between students, faculty, and prospective employers within the global employment community. Career Services fosters a welcoming, accessible environment where diversity is celebrated and the uniqueness of each individual is valued and respected.

The Career Services staff will assist students in their job searches.

Many students choose to work on a part-time basis during their training to help with their education costs. Additional services include assistance with job search planning, resume and cover letter review, interview preparation, decision making, job offer negotiations, and various other job search and career-related issues.

## ***Student Services***

### **Orientation of New Students**

Orientation is conducted prior to the beginning of each program. Members of the administration and education department familiarize students with Cambridge's academic policies and procedures. Participation in orientation is mandatory.

### **Academic Advising**

Cambridge Institute provides individual assistance and advisement to students with academic problems in particular subjects. Students are encouraged to schedule an appointment with their instructors to work on any specific problem they may be having in their program. All academic advisement is provided by instructors and program staff.

The staff and faculty on each campus are available to assist students in academic and career guidance. The Program Team is available to answer questions concerning the student's individual major, provides academic advising and may also provide referral services to external agencies as necessary.

### **RESOURCE CENTER**

Cambridge Institute Resource Center provides current reference materials, journals, computers with internet access and virtual resources, as well as other supplemental learning resources for student use. A librarian is available on campus during specific Resource Center hours.

### **TUTORING**

Instructors are available by appointment to students who feel they need additional assistance outside normal class hours. Tutoring assistance is available at no charge and we urge those who desire this service to take advantage of this assistance.

Students who experience difficulty in their coursework and have a need for academic support should first contact their Instructor to determine an academic success plan. If further support is required, the instructor or the student should notify the Program Director to arrange for tutoring.

### **INDIVIDUALS WITH DISABILITIES**

#### **Reasonable Accommodations Policy – Individuals with Disabilities**

Cambridge Institute of Allied Health & Technology does not discriminate against individuals on the basis of physical or mental disability and is fully committed to providing reasonable accommodations, including appropriate auxiliary aids and services and academic adjustments, to qualified individuals with disabilities, unless providing such accommodations would result in an undue burden or fundamentally alter the nature of the relevant program, benefit, or service provided by Cambridge Institute of Allied Health & Technology.

To request an auxiliary aid or service or academic adjustment please contact the Campus ADA/504 Coordinator, at the campus. Applicants for admission or current students

requesting an auxiliary aid or service or academic adjustment will need to complete an Application for Auxiliary Aid. The Application and information about the accommodation process is available from the Campus ADA/504 Coordinator. To enable Cambridge Institute of Allied Health & Technology to evaluate the student's needs and provide appropriate reasonable accommodations in a timely fashion, Cambridge Institute of Allied Health & Technology requests that applicants or students to complete and submit all required forms and documentation at least four (4) weeks before the first day of classes, or as soon as practicable. No applicant or student shall be prohibited from receiving auxiliary aids or services for failure to submit the required forms and documentation within the above requested timeframe. Disagreements regarding an appropriate auxiliary aid and alleged violations of this policy may be raised pursuant to Cambridge Institute of Allied Health & Technology's Grievance Procedures.

## **STUDENT RIGHTS AND RESPONSIBILITIES**

All students have the right to know:

- The School's accrediting and licensing agencies
- The School's programs, facilities and faculty
- Curriculum Content
- The right to receive an Institutional Catalog
- The Program's accrediting agencies
- The cost of attending Cambridge Institute
- The financial assistance available
- How to submit appeals under various school policies
- The School's method of determining satisfactory academic progress and how it affects the student's financial aid eligibility

All students have the following responsibilities:

- To maintain professional behavior and conduct at all times
- To review and consider all aspects of the School programs before enrolling
- To provide additional documentation, verification, correction, etc. as requested by the School or agency
- To read, understand and keep copies of all forms received
- To notify the School of a name or address change
- To understand the School's Institutional Policies
- **Retake Course Policy and Fees:**

- Each Course failed will have a Retake Fee assessed to the student's ledger card.
  - The Retake Fee for Degree programs will be **\$150.00 per credit**
  - The Retake Fee for Non Degree programs will be **\$300.00 per course**
- If a failed course is not offered to retake in the next semester the student will be dropped and re-entered at the appropriate time to retake the course.
- Retake fee is assessed when the student is scheduled and starts repeating the failed course

- For the semester credit programs the repeat course can be counted in the credits attempted in the semester for one repeat only (i.e.... the student has two attempts to pass a course)
- For clock hour programs the hours in the repeated course can only be counted for one repeat (i.e.... the student has two attempts to pass a course)

### **Payment Policy**

Tuition and fees are due at the start of the program. The College reserves the right to remove any student from class that has not satisfied his or her financial obligations. Students are welcome to make payments on tuition and fee charges using checks, money orders, or credit cards. Cambridge offers institutional payment plans to students during their enrollment.

### **School Uniform**

Most programs include the cost of one uniform. Additional uniforms may be purchased at the Bursar's office for \$30. Students are required to wear closed-toe shoes.

### **Period of Obligation**

The length of the program shall determine the period of financial obligation for all courses. An application fee of \$50.00 is due on the day of enrollment. A predetermined initial payment is due on the first day of class in some programs. A student must pay his/her tuition payment according to an agreed upon financial schedule. A student that does not meet his/her financial schedule obligation may be withheld from attending class until all financial payments are current. Cambridge Institute reserves the right to change tuition and fees without notice. Students who are actively attending class will not be affected by any tuition changes. Cambridge Institute will withhold a student's diploma and official transcript until all academic and financial obligations are met. A student that fails or withdraws from his/her class, if re-instated, will be charged tuition and fees as stated in the current catalog. A student that drops from his/her class or is terminated from the school is obligated to pay for tuition and fees according to the refund policy.

## ***Standards of Satisfactory Academic Progress (SAP)***

According to federal regulations, students participating in the federal financial aid program at Cambridge College must meet our Standards of Satisfactory Academic Progress (SAP). The SAP calculation uses cumulative credit/hour totals.

### **Definition and Purpose of Satisfactory Academic Progress (SAP)**

Satisfactory Academic Progress (SAP) is measured in both qualitative and quantitative components. SAP is defined as a method of determining student eligibility for assistance under a Title IV, HEA program, and applies reasonable standards for measuring whether an

otherwise eligible student is maintaining satisfactory progress in his or her educational program.

There are three standards that are used to measure academic progress for financial aid purposes:

Standard 1-Qualitative: Cumulative grade point average (GPA) is at or above 2.0 for all students with the exception of Nursing, which requires a cumulative grade point average (GPA) at or above 2.8.

Standard 2-Quantitative (Pace of Progression): Cumulative completion rate is at or above 67% Students must successfully complete at least 67% of their cumulative attempted credit/clock hours to stay on pace with the Maximum Time Frame requirements. Anytime a student withdraws, fails, and/or repeats a class, it is counted as attempted but not completed for this measurement. For example, if a student has attempted 24 cumulative credit hours, but only completed 12 cumulative credit hours, this equates to a 50% completion rate.

Standard 3-Maximum Timeframe: Credits/clock hours completed and/or attempted does not exceed 150% of the credits/clock hours required to complete the program Financial aid recipients are required to complete their program within 150% of the published length of the program as measured by the cumulative number of credit/clock hours the student is required to complete and expressed in calendar time. (Note that a student in a clock hour program cannot receive aid for hours beyond those in the program; the maximum timeframe applies to the amount of calendar time the student takes to complete those hours.) Students become ineligible for Title IV aid in the current program of study when it becomes mathematically impossible to complete the program within 150 percent of the length of the program, even when the student has not yet reached 150 percent.

### **Course incompletes (I), Withdrawals (W/WF) and Repetitions**

Grades including Incomplete (I), Fail (F), and Withdrawn (W/WF) are defined as unsuccessful completion. Accordingly, these courses count as the applicable credits/hours attempted and count as zero credits/hours earned in the SAP calculation. The grade of "F" additionally counts as zero quality points when the qualitative SAP standard is assessed. Grades of I and W/WF are not counted when the qualitative SAP standard is assessed. Grades of I and W/WF do not carry any quality points. Students who have a grade of incomplete that results in an unsatisfactory standing, may have their SAP status recalculated when they subsequently complete the course requirements those grades are later reported. Students who achieve satisfactory standing as the result of a grade recalculation will be evaluated for reinstatement of financial aid so long as all other eligibility criteria are met. The grade earned in a repeated course will be substituted for the original grade, if higher, in computing the grade point average for SAP.

### **Transfer Credits**

Transfer credits that count toward the student's current program are counted as both attempted and completed hours in the quantitative measures.

## **The SAP Review**

A review of SAP requires that both the qualitative and quantitative measures be reviewed.

- We will count all credits/clock hours that appear on a student's transcript as cumulative hours attempted and/or completed.
- If a student is enrolled in a credit granting program, we will calculate all standards at the end of each term.
- If a student is enrolled in a clock hour program, we will calculate all standards at the time he/she successfully completes the required hours in a payment period.

## **Notification**

Students are notified via email when they have not met SAP requirements. The student is then required to meet with the Registrar and Program Official to discuss requirements for meeting SAP.

## **SAP Violations**

If a satisfactory progress check shows that a student does not have the required GPA or is not maintaining the required pace, the following actions will occur:

- First violation: Student to be placed on SAP Warning status until the next check. During this time, the student will be eligible for aid. If the student is meeting SAP standards at the next checkpoint, the student will return to good standing.
- Second consecutive violation: At this time, the student will be placed on SAP Termination and will not be eligible for aid unless they successfully appeal. If appeal is successful, student will be placed on SAP Probation status until the next checkpoint.

## **SAP Termination**

Students whose eligibility has been terminated (because of failure to meet the standards of satisfactory progress) that do not appeal, will not be eligible to receive aid, but may maintain enrollment. Student will be required to pay for their own classes until they have earned the minimum required GPA and/or completion rate. Students will not be reimbursed for courses taken while ineligible for aid. Eligibility will be regained once a student is found to be meeting both the Quantitative and Qualitative SAP standards, but while not exceeding the Maximum Time Frame.

Students whose eligibility has been terminated (because of failure to meet the standards of satisfactory progress) may, in certain cases, appeal their suspension of eligibility.

Circumstances that may be considered for this special review (appeal) include: illness of student and/or immediate family member (mother, father, sister, brother, spouse), death of immediate family member and relocation due to military duty or employment. If there are extenuating circumstances that caused the student to fail SAP, the student may file an appeal. A student whose appeal is approved will have financial aid eligibility reinstated on a Probationary basis for one payment period. The student may continue to receive financial aid during this Probationary Period but must meet the regular SAP standards or be making progress under an approved improvement plan by the end of the Probationary Period. By the end of that term/payment period, your academic credentials must meet SAP standards. Appeals are not retroactive.

### **Procedure for SAP Appeal**

Appeals are to be submitted to the Registrar's office. The Registrar will provide the appeal to the Academic Affairs Committee for a final decision. In order to appeal the decision on this basis; the following procedures must be used:

1. Complete SAP Appeals Form.
2. Type an appeal letter, or print legibly. Make sure to include a detailed explanation of the circumstances that occurred.
3. Provide documentation from a third party to support the appeal.
4. Be sure that the circumstances referenced apply to the term/payment period for which the student is claiming mitigating circumstances.
5. Once your appeal has been reviewed the student will be notified of the result by email.

### **Change of Program:**

Satisfactory Academic Progress starts over when a student enrolls in a new program.

### **Grade Quality Points**

A equivalent	96 -100	4.0
A- equivalent	92 - 95	3.7
B+ equivalent to	89 - 91	3.3
B equivalent	85 - 88	3.0
B- equivalent	82 - 84	2.7
C+ equivalent to	78 - 81	2.3
C equivalent	75 - 77	2.0
F equivalent	74 and below	0.0

P – Pass; Satisfactory completion of course work where no letter grade is given. It is equivalent to a grade of C or higher and carries no quality points.

IP – In Progress; required work in the course is in progress. The method and time for completion of the work must be agreed upon, in writing, by student and instructor. IP work not completed by the end of the agreed upon time period will automatically change to a grade of F. If a student does not complete the requirements by the scheduled end date of the course, the student may receive a grade of In Progress (IP).

### ***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 Campus Director and may not

exceed 180 days or the start of the next available class at the current location, whichever event shall first occur.

## ***Financial Assistance***

### **Financial Aid**

Cambridge Institute of Allied Health & Technology believes that students and their families have the primary responsibility for educational costs. However, we realize that many families are unable to immediately fund the entire cost of education. To that end,

Cambridge Institute of Allied Health & Technology participates in Federal Title IV financial assistance programs to aid students who qualify in meeting the cost of attending school. Many Cambridge students supplement Title IV aid with other financial assistance programs such as employer reimbursement, veteran benefits, agency sponsorship, and other educational financing sources. A student can enlist the help of the financial aid department if assistance is needed to obtain supplemental aid.

Cambridge College participates in the Federal Financial Aid (Title IV) Program which is available for those students who qualify.

Some of the frequently used financial aid programs are listed here and described below:

- Pell Grants
- FSEOG
- Federal Work Study
- Direct Subsidized Stafford Loans
- Direct Unsubsidized Stafford Loans
- Direct PLUS loans for parents of qualified dependent students
- Florida Student Assistance Grant (FSAG)
- Florida Bright Futures Grant
- Workforce Investment Act (WIA)
- 529 Prepaid College Plans
- Veteran Benefits
- Scholarships

### **Financial Aid Eligibility Requirements**

A complete list of student eligibility standards and conditions may be found in The Student Guide, as published by the following U.S. Department of Education Financial Aid website at [www.studentaid.ed.gov](http://www.studentaid.ed.gov).

### **Application to Receive Financial Aid**

All students must apply for financial assistance by completing a Free Application for Federal Student Aid (FAFSA) at [FAFSA.ed.gov](http://FAFSA.ed.gov) and by submitting appropriate documentation to the institution and financial aid department.

The Financial Aid Department maintains adequate records to ensure proper administration of aid funds through use of the Campus Management software system. This includes ensuring that aid given is not in excess of need and or the cost of attendance, annual and aggregate limits, limited to enrollment status and satisfactory academic progress.

When a student completes the FAFSA and submits any required documents, the Financial Aid Officer will send the student an estimated award letter.

Selection of students to receive financial aid will be made without regard to age, sex, race, color, religion, sexual orientation, national origin, disability or marital status.

### **Participation Requirements for the Federal Direct Loan Program**

In order to participate in the Direct Loan or Direct PLUS Loan programs students must:

- Complete a Free Application for Federal Student Aid (FAFSA)
- Meet general eligibility requirements as published by the following U.S. Department of Education Financial Aid website at [www.studentaid.ed.gov](http://www.studentaid.ed.gov).
- Sign award letter
- Submit a Master Promissory Note (MPN)
- Complete Entrance Counseling at [studentloans.gov](http://studentloans.gov)
- For PLUS Loans, the parent borrower must complete application, credit check, and MPN at [www.studentloans.gov](http://studentloans.gov).

### **Veteran Scholarship Program**

Cambridge offers a College Scholarship which is available for veterans accepted to Cambridge College. This scholarship award is granted in the amount of \$3,500 towards tuition in all programs. This scholarship may be used in conjunction with other funding sources. The Cambridge College Veteran Scholarship Program is not a cash scholarship directed to students, but a scholarship that pays down the cost of tuition for those who apply and are awarded this scholarship. There are a limited number of scholarships available annually. Determination of award is based on a first come first served basis, contingent upon proving Veterans status and acceptance to Cambridge College.

### **Attendance Policy for Veterans**

Excused absences will be granted for extenuating circumstances only. Excused absences will be substantiated by entries in student files. Early departures, class cut, tardiness, etc., for any portion of an hour will be counted as one clock-hour of absence. Students exceeding three days unexcused absences in a calendar month will be terminated from their VA benefits for unsatisfactory attendance. Regardless, all excused absences MUST be made up within the course period. Students with absences will be given a final grade of "I" (Incomplete) and granted up to two weeks after the end of a course to make up hours missed for the course. If the student has not met this requirement within the specified time frame the faculty in conjunction with the Registrar's office will rescind the "I" and award a final grade of "F" for the course.

### **Veterans Attendance Record Maintenance**

The student's attendance record will be retained in the veteran's file for USDVA and SAA audit purposes.

### **Mandatory Entrance and Exit Loan Counseling**

All Borrowers are must participate in Entrance Counseling at [www.studentloans.gov](http://www.studentloans.gov). All first time borrowers must complete an entrance counseling session on the Department of Education web site before any loan funds can be disbursed. All students nearing program completion, leave the Institution, or drop below half time and who have borrowed (an) educational loan(s) are required to complete the exit loan counseling session on the Department of Education's web site [www.nslds.ed.gov](http://www.nslds.ed.gov).

### **Financial Aid Verification**

The federal government has established an application review process called, Verification, to ensure that all data provided on the Federal Application for student Aid (FAFSA) is correct and complete. All students are encouraged to use the IRS Data Retrieval Tool when originally completing the FAFSA. Students who fail to link with the IRS Data Retrieval Tool will be asked to return to the FAFSA.ed.gov website and link. If the student is unable to link to the IRS, the student is required to submit an IRS Tax Transcript as mandated by the Department of Education. Applicants must comply with the requests for documentation within specified times or applicants may lose financial aid eligibility.

### **Cost of Attendance**

A school's cost of attendance figures can help in financial planning for your education by providing an estimate of what it costs to attend a specific school for a year. When awarding financial aid, schools must take this cost of attendance into account. Federal, state and institutional aid awarded to a student cannot exceed a school's cost of attendance.

The official cost of attendance includes:

- Tuition and Fees
- Books and Supplies
- Room and Board
- Transportation
- Miscellaneous Expenses

### **Federal Direct Loans**

Federal Direct loans, available through the Federal Direct Loan Program, are low- interest loans that are made to the student by a lender, such as a bank, credit union, or savings and loan association. The loan must be used to pay for direct and/or indirect educational expenses. Subsidized loans are based on financial need while unsubsidized loans are not. Repayment begins six months after the student graduates, withdraws from school, or falls below half-time enrollment status.

<b>Undergraduate Annual Loan Limits</b>	Dependent Student	Independent Student
1st Year	\$5,500 (Up to \$3,500 Sub)	\$9,500 (Up to \$3,500 Sub)
2nd Year	\$6,500 (Up to \$4,500 Sub)	\$10,500 (Up to \$4,500 Sub)
3rd, 4th, and 5th Year	\$7,500 (Up to \$5,500 Sub)	\$12,500 (Up to \$5,500 Sub)
<b>Undergraduate Aggregate Loan Limits</b>	\$31,000 (Up to \$23,000 Sub)	\$57,500 (Up to \$23,000 Sub)

### Federal Direct Parent Loan for Undergraduate Students (PLUS)

The Federal Direct PLUS loan, another Direct loan program, is available to parents of dependent undergraduate students. These loans are not based on financial need but when combined with other resources, cannot exceed the student's cost of attendance. A credit check is required and either or both parents may borrow through this program. Repayment begins within 60 days of final disbursement of the loan within a loan period.

### **Florida Bright Futures**

The Florida Bright Futures Scholarship Program establishes three lottery-funded scholarships to reward Florida high school graduates for high academic achievement. The Florida Bright Futures Scholarship Program is comprised of the following three awards:

\*Florida Academic Scholars (FAS) award (including Academic Top Scholars (ATS) award

\*Florida Medallion Scholars (FMS) award

\*Florida Gold Seal Vocational Scholars (GSV) award

### ***Institutional Payment Plan***

The purpose of the Institutional Payment Plan is to assist Associate Degree seeking students with cash balances that exceed \$5,000.00 after all other financial assistance has been applied to their account.

#### Eligibility Requirements:

- Student must be enrolled in an Associate Degree program.
- Cash balance exceeds \$5,000 after all other financial assistance applied to student account.
- Student must complete the Private Education Loan Applicant Self-Certification.
- Student must sign Retail Installment Contract and a copy of Driver's License or state issued ID must accompany contract.
- Student must complete Reference Form with four (4) valid references.

#### Policy:

- Student must make monthly payments in the minimum amount of \$200 while enrolled in program and four months past graduation.
- Student must make monthly payments in the minimum amount of \$400

- beginning on the fifth month after graduation until balance is satisfied.
- Payments will not exceed 24 months past the date of graduation.
- If a student withdraws from a program a refund calculation will be completed and student will be billed for remaining balance.
- Account will be turned over to collections when it becomes 90 days past due and payment contract will be cancelled. Additionally, student will not have access to official transcripts or degree.

Disclosures:

- **Right to Cancel:** You have a right to cancel this transaction until midnight of the third business day following the date on this contract. You may cancel by email or by calling your campus Financial Aid office.
- **Rights of Consumer:** You have the right to accept the terms of this extension of credit anytime within 30 calendar days following the date of this contract. The terms of the contract will be available and will not change for 30 days except as permitted by law.
- **Federal Loan Alternatives:** You may qualify for Federal Student Loans. For additional information and interest rates contact your campus Financial Aid office.

## WITHDRAWAL

### Withdrawal Policy

Official Withdrawal: A student who wishes to officially withdraw must notify the office of the Registrar via email, certified mail or in person.

### Unofficial Withdrawal:

Credit Hour Programs: If a student misses eight (8) consecutive scheduled classes, the student will be automatically terminated without the opportunity to appeal.

Clock Hour Programs: If a student misses five (5) consecutive scheduled classes, the student will be automatically terminated without the opportunity to appeal.

Students attending only online classes: If a student does not submit any coursework for 14 consecutive calendar days, the student will be automatically terminated without the opportunity to appeal.

### Policies for Withdrawal

A student who wishes to withdraw from a program must follow the withdrawal procedures described below:

A student who wishes to officially withdraw from Cambridge Institute of Allied Health & Technology must notify the office of the Registrar via email, certified mail or in person. Students who wish to withdraw must complete the appropriate paperwork.

If a student in a credit hour program misses eight (8) consecutive days or a student in a clock hour program misses five (5) consecutive class days, the student will be automatically terminated from Cambridge College without any entitlement to appeal such termination to the Academic Affairs Committee.

**Official withdrawal from the course, no credit earned.**

If a student's last date of attendance is at or less than the 20% point of attendance of a course, they will receive a grade of W. If a student's last date of attendance is after the 20% but before the 60% point of attendance of course, they will receive a grade of WF. If a student's last date of attendance is at or above the 60% point of attendance, they will receive a grade of an F.

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 less than 16 weeks in length is one week from the start of the course.

***Determined Date of Withdrawal***

The determined date of withdrawal date used to determine when the student is no longer enrolled at Cambridge Institute of Allied Health & Technology is:

- For Federal Financial Aid purposes and Federal Student Loan reporting, the student's last date of attendance will be reported as the effective withdrawal date for both official withdrawals and those who do not complete the official withdrawal process, otherwise if not known;
- The date the student began the official withdrawal process, either by submitting an official withdrawal form to School Director or by verbally communicating the student's intent to School Director, and has ceased to attend classes. A student who submits a completed official withdrawal form or verbally communicates his/her intent but who continues to attend classes or other school activities will not be considered to have officially withdrawn from school, or;
- If a student does not complete the official withdrawal process, the School will determine the student's withdrawal date based upon Federal regulations and institutional records.

Please note that the above policy may result in a reduction in school charges that is less than the amount of Title IV financial aid that must be returned. Therefore, the student may have an outstanding balance due the School that is greater than that which was owed prior to withdrawal. Accordingly, Students who are considering withdrawal from school are strongly advised to see a financial aid advisor to become familiar with the financial consequences of withdrawal.

## **Last Day of Attendance**

The last day of attendance for refund computation purposes is the last date of activity or attendance by a student in a class.

## **RETURN OF TITLE IV FUNDS POLICY**

Federal Law specifies how the school must determine the amount of FSA program assistance that a student earns if the student withdraws. The law requires that, when withdrawing during a payment period or period of enrollment, the amount of Student Financial Aid program assistance is earned up to that point is determined by a specific formula. Cambridge Institute defines a payment period by a semester. If a student received (or the school received on the students behalf) less assistance than the amount that is earned, the student may be able to receive those additional funds. If more assistance was received than was earned, the excess funds must be returned. This process must be completed within 45 days of the date of determination that a student has withdrawn and returns will be made according to Federal Guidelines. If a Title IV credit balance appears on the student's account as a result of the refund, this Title IV credit balance will be issued to the student within 14 days.

The amount of assistance that is earned is determined on a pro-rata basis. That is, if a student completed 30% of the payment period or period of enrollment, he/she earns 30% of the assistance originally scheduled to be received. Once a student completes more than 60% of the payment period or period of enrollment, all of the assistance is earned.

If a student received excess funds that must be returned, the school must return a portion of the excess equal to the lesser of:

- The institutional charges multiplied by the unearned percentage of the funds,
- Or the entire amount of the excess funds.

If the school is not required to return all of the excess funds, the student must return the remaining amount.

Any loan funds that a student must return, the student (or the student's parent for a PLUS loan) repays in accordance with the terms of the promissory note. That is, the student (or student's parent) makes scheduled payments to the holder of the loan over a period of time. If a student is responsible for returning grant funds, he/she does not have to return the full amount. The law provides that a student is not required to return 50% of the grant assistance received. Any amount that a student has to return is a grant overpayment, and the student must make arrangements with the school, or the Department of Education to return the funds. Failure to return any funds due will result in loss of further Title IV eligibility.

The order of repaying funds being returned is as follows:

- Unsubsidized Direct Stafford Loan
- Subsidized Direct Stafford Loan
- Federal Perkins Loan
- Federal PLUS Loan

- Direct PLUS Loan
- Pell Grant
- FSEOG

### **TUITION REFUND POLICY For Credit Hour**

The last day of attendance for refund computation purposes is the last date of activity or attendance by a student in a class. Students withdrawing from the Institute must comply with the policies and procedures as defined in the catalog. Students will be responsible for all tuition & fees for each semester they are presently attending in addition to any prior account balance. Cambridge Institute charges students tuition and fees by semester. All books, equipment, supplies uniforms and other miscellaneous items are included in tuition and non-refundable. A detailed schedule of fees and charges associated with the programs offered are included in the catalog. Any non-Title IV refund will be issued to the student within 30 days.

Tuition retained is calculated as shown below:

- Withdrawing at any time during the first week (add/drop period) of the semester- 100% refund of tuition only.
- Withdrawing at any time after the first week but within the first 3 weeks of the semester- 85% refund of tuition only
- Withdrawing at any time after the first 3 weeks but within the first quarter of the semester- 75% refund of tuition only.
- Withdrawing at any time during the second quarter of the semester- 50% refund of tuition only.
- Withdrawing at any time during the third quarter of the semester- 10% refund of tuition only.
- Withdrawing at any time during the last quarter of the semester- no refund of tuition.

### **TUITION REFUND POLICY for CLOCK HOUR**

For Clock:

This policy applies to students that voluntarily withdraw or have been terminated by the college from his/her program. The official withdrawal date is the last date of attendance or the date of determination that the student has withdrawn from the program. The formula for the college's pro-rata tuition refund policy is based upon the length of time a student remains enrolled in a program. Refunds will not be granted for books, supplies, materials or kits. No tuition refund is due after 60% of the program is completed. If a credit balance appears on the student's account as a result of the refund, this credit balance will be issued to the student within 14 days.

Refunds shall be made within 30 days of the date the institution determines the student has withdrawn.

## **CANCELLATION POLICY FOR ALL PROGRAMS**

Cancellation must be made in writing within 3 business days of signing the enrollment agreement. In this case, all monies will be refunded and the application fee will be retained.

If a student is not accepted to the school or does not meet admissions requirements, the student's enrollment will be cancelled and the application fee will be retained.

If a student is unable to meet their tuition obligation prior to beginning the program, the student's enrollment will be cancelled and the application fee will be retained.

## **Terms and Conditions for Federal Loan Deferments**

A Deferment is a temporary suspension of payments on a student loan. Deferments are entitlements. As long as a student is eligible for a Deferment, and provides the necessary documentation, their lender is required to grant one. If a student is granted a Deferment the Federal Government will pay all interest on any subsidized loan. However, the student is responsible for any interest that accrues on an unsubsidized loan, and should they decide not to pay the interest while they are in a Deferment that interest will be capitalized. Deferments can be granted for students that are in-school, unemployed, experiencing economic hardship, or active duty in the military.

For more information or to obtain a Deferment form you can go to your Financial Aid office, or contact FA Help department at 1-888-730-6924 and [FAHelp@edaff.com](mailto:FAHelp@edaff.com). When a new student enrolls at our school, with loans from a school prior to ours, the Financial Aid office will assist the student in applying for an In-School Deferment. This deferment will postpone any federal financial aid loan payments while the student is enrolled at our school at least half-time. Once the form is completed by both the student and the school's Registrar, the Financial Aid office will forward the form to all the student's previous lenders and follow up with them to ensure it was received and processed.

For more information on Cambridge Institute and its campuses and programs please visit our website at [www.cambridgehealth.edu](http://www.cambridgehealth.edu).

## ***Rules and Regulations***

### **SEXUAL HARASSMENT**

It is the policy of Cambridge Institute of Allied Health & Technology that conduct by any of its employees or students which may be interpreted as sexual harassment is prohibited and shall not be tolerated in the workplace or classroom. Additionally, any form of harassment based on age, race, religion, disability, national origin, color, marital status, sexual orientation or any protected class by or toward any employee or student of Cambridge Institute of Allied Health & Technology is prohibited. No one has the right to harass employees or students. Violations of this policy may result in severe disciplinary

action and/or legal proceedings and may result in termination which shall not be subject in any manner whatsoever to any review by the Academic Affairs Committee. Cambridge Institute of Allied Health & Technology wants to provide a work/study environment which ensures that all employees and students are treated with dignity and respect.

## **DEFINITION**

Broadly defined sexual harassment constitutes unwelcome sexual advances, request for sexual favors and other verbal or physical conduct of a sexual nature. This harassment can take two (2) forms, i.e., quid pro quo (this for that) and hostile environment harassment.

## **QUID PRO QUO HARASSMENT**

- 1) Submission to such conduct is made, either explicitly or implicitly, as a condition of an individual's choice.
- 2) Submission to or rejection of such conduct by an individual is used as the basis for decisions affecting such individual.

## **HOSTILE WORK/STUDY ENVIRONMENT HARASSMENT**

Such conduct has the effect of unreasonably interfering with an individual's work or study performance, creating an intimidating, hostile or offensive environment. The intent of the alleged harasser plays no part in this type of sexual harassment. Sexual harassment can take many forms which may involve verbal and/or non-verbal behavior. Such behavior is unacceptable at the Cambridge Institute of Allied Health & Technology. Examples of sexual harassment include, but are not limited to:

- touching another person, as well as comments, jokes, innuendoes and gestures of a sexual nature;
- suggestive or obscene letters and notes;
- displaying sexually suggestive objects, photographs, cartoons, or posters; threats or suggestions that a lack of sexual favors will result in reprisal, such as withholding work assignments or completing unsatisfactory performance evaluations; and
- impeding or blocking an individual's movements or any physical interference with normal work activities.

## **PROCEDURE**

All instances of sexual harassment must be immediately brought to the attention of the Program Director or Clinical Coordinator to whom the employee or student reports, who will report the incident to the Campus Director. The Campus Director Program Team to appoint the appropriate officer of Cambridge Institute of Allied Health & Technology to conduct a prompt confidential investigation of the claims as required by law. Instructors who receive complaints of sexual harassment must also immediately report the complaint to the Program Director who shall refer the employee or student involved to the Campus Director of Cambridge Institute of Allied Health & Technology in strict confidence. If the

investigation confirms the sexual harassment charge, disciplinary action (which may include termination) will promptly occur. If a complaint of sexual harassment is determined to be wrongfully brought against an employee or student, appropriate disciplinary action may be taken against the employee or student who wrongfully filed the complaint. Employees and students shall not be subject to any retaliation of any sort when a complaint is being investigated or any time thereafter. Any such conduct shall also be brought to the immediate attention of the Campus Director. Cambridge Institute of Allied Health & Technology and appropriate action shall be taken.

### **Florida Senate Bill 524 (Sexually Violent Predators)**

Effective July 1, 2014, the Florida Department of Law Enforcement (FDLE) has a website in existence for sexual predator and sexual offender registry. The website and toll free telephone number are below

FDLE website - <http://offender.fdle.state.fl.us/offender/homepage.do>

FDLE toll-free number - 1-888-357-7332 for TTY Accessibility - 1-877-414-7234

### **Alcohol/Drugs/Illegal Substances Policy**

All students of Cambridge Institute of Allied Health & Technology are required to comply with the following standards of conduct. Cambridge Institute of Allied Health & Technology is committed to a drug free and safe learning environment for all students. Students may not possess, use or distribute illegal drugs at Cambridge Institute of Allied Health & Technology or any affiliate's property as well as part of any school activity. The use of illegal drugs or the abuse of legal drugs at Cambridge Institute of Allied Health & Technology or any affiliate's property as well as part of any school activity is expressly prohibited. Students may not be in Cambridge Institute of Allied Health & Technology or any affiliate's property as well as part of any school activity, in a drunken or inebriated condition or under the influence of controlled substances. Students are required to inform the Program Director or Campus Director if they become aware of another student distributing or selling illegal drugs on the Cambridge Institute of Allied Health & Technology premises or any affiliate's property as well as part of any school activity.

- All students are required, at their own expense, to complete a drug screening prior to externship assignments. It is a violation of the Alcohol/Drug/Illegal Substances Policy if results prove positive for illegal drug use.
- Cambridge Institute of Allied Health & Technology reserves the right to mandate random drug screenings through the length of the program, at the student's expense. It is a violation of the Alcohol/Drug/Illegal Substances Policy if results prove positive for illegal drug use.

Any student in violation of the alcohol/drug or illegal substances policy will be dismissed from the program.

### **DRUG FREE CAMPUS AND WORKPLACE POLICY**

Cambridge College of Healthcare and Technology is committed to providing a drug free campus and workplace environment. As an institution of higher education, the College

recognizes the need to establish a drug and alcohol awareness program to educate faculty, staff and students about the dangers of drug and alcohol abuse. This policy is established as required by the Drug-Free Workplace Act of 1988 and the Drug Free Schools and Communities Act of 1989.

## **DRUG FREE AWARENESS PROGRAM**

All employees and students are informed that the college has established a Drug Free Awareness Program informing students and employees via institutional catalog and posted flyers on campus about:

- Our policy of maintaining a drug-free school;
- Any available drug counseling, rehabilitation, and student assistance programs; and
- The penalties that may be imposed upon students for drug violations occurring on campus property, as defined in the sanctions section below.
- Available referral to drug counseling and rehabilitation for employees can be obtained through United Way and students may contact the United Way for counseling and rehabilitation at 211 or [www.211.org](http://www.211.org).

A list of resources is also available in Appendix V.

## **POSSESSION, SALE AND/OR CONSUMPTION OF NON-PRESCRIPTION AND ILLEGAL DRUGS**

No student may be in illegal possession of, deliver, dispense, distribute, administer, manufacture or wholesale any controlled substance, including marijuana, narcotics, hallucinogens, and other chemical analog or drug-related paraphernalia prohibited by State or Federal Drug Laws. (Federal law requires that students be informed that Federal and State laws prohibit possession and/or use of illicit drugs. Cambridge College complies with Federal and State laws regarding illicit drugs. The campus reserves the right to investigate any suspicious activity regarding nonprescription and illegal drugs. Investigation may include but is not limited to classroom and/or vehicle inspection, canine drug scan or drug screening in cases of strong suspicion of drug use. (Refusal to submit to these measures at time of request may be viewed as strong evidence, which may result in suspension.)

Cambridge College has a “Zero-Tolerance” policy regarding the unlawful use, sale, possession or distribution of illegal drugs and alcohol on School property, or as part of any School activity. Misconduct violations relating to the Student, Faculty and/or Employee Codes of Conduct are subject to disciplinary actions. Consequences for inappropriate behavior can be severe, up to and including dismissal from the college. If any individual is apprehended for violating any alcohol or other drug related law while at a college location or activity, the college will fully cooperate with federal and state law enforcement agencies. The college abides by federal Drug-Free Workplace and Drug-Free

Schools and Communities Act regulations regardless of individual state legalization.

## **SANCTIONS**

- The following are prohibited under the Code of Conduct applicable to students:
- Use, possession or distribution of narcotic or other controlled substances, except as expressly permitted by law, or being under the influence of such substances.
- Use, possession or distribution of alcoholic beverages, except as expressly permitted by law and Cambridge College regulation.

The sanctions listed below may be imposed upon any covered person found to have violated the Code of Conduct. The listing of the sanctions should not be construed to imply that covered persons are entitled to progressive discipline.

The sanctions may be used in any order and/or combination that Cambridge College deems appropriate for the conduct in question.

- Warning - A verbal or written notice that the respondent is in violation of or has violated Cambridge College regulations.
- Probation - A written reprimand with stated conditions in effect for a designated period of time, including the probability of more severe disciplinary sanctions if the respondent is found to be violating any Cambridge College regulation(s) during the probationary period.
- Cambridge College Suspension – temporary separation of the respondent from all Cambridge College locations.
- Cambridge College Expulsion - Permanent separation of the respondent from all Cambridge College locations.

## **Faculty and Staff**

- Faculty and Staff of the institution are prohibited from:
- Performing school business under the influence of a controlled substance.
- Possession, use, sale of a controlled substance.
- Furnishing a controlled substance to a minor.
- Sanctions for these violations could lead up to termination of employment. These sanctions are in addition to any criminal sanctions that may be imposed.

## **STATE STATUTES**

The State Statutes that govern sale and consumption of alcoholic beverages for both Florida and Georgia are listed in Appendix IV.

## **DESCRIPTION OF HEALTH RISKS**

The following are descriptions of dangerous drugs:

Drugs and/or alcohol use contribute to (Nature 2010; 468:475):

- 33% of all suicides
- 33% of all fatal motor vehicle accidents
- 50% of all homicides

**Alcohol** is a potentially addictive drug of significant physical and psychological consequence. Alcohol is a central nervous system depressant that affects all neurological functions. At relatively low levels it affects ones judgment and decision-making, and at higher levels it impairs the functioning of one's vital organs and can result in a coma or death. Alcohol is an irritant to the gastrointestinal tract and moderate overindulgence ordinarily results in nausea, vomiting, and diarrhea. In addition to these significant physical consequences, there are a number of less obvious consequences to alcohol use. For example, the effects of alcohol on sleep have been well documented. Consuming several drinks before bedtime has been found to decrease the amount of REM (rapid eye movement) or dreaming sleep. The consequences of being deprived of REM sleep are impaired concentration and memory, as well as anxiety, tiredness, and irritability. Additionally, research has demonstrated that alcohol tends to decrease fear and increase the likelihood that an individual will accept risks. This lack of inhibition and judgment is a major contributor to the extraordinarily high percentage of serious accidents and accidental deaths related to alcohol use. Prolonged and excessive use of alcohol usually causes progressively more serious erosion of the gastrointestinal tract lining ranging from gastritis to ulcers and hemorrhage. Damage to the pancreas is frequent among those who have used alcohol. Interestingly, while 10% of the adult population is estimated to be addicted to beverage alcohol, (i.e., they are alcoholics), this 10% of the population comprises 35% of those hospital in-patients who receive major surgery in any given year. Alcoholism is the third major killer in the United States, second to heart disease and cancer, and acute alcohol intoxication is the second leading cause of death by poisoning.

**Marijuana** (*Cannabis*) (*nicotina glauca*) is an illegal drug that impairs memory, perception, judgment, and hand-eye coordination skills. The tar content in cannabis smoke is at least 50% higher than that of tobacco and thus smokers run the added risk of lung cancer, chronic bronchitis, and other lung diseases. Recently, the medical community has diagnosed the existence of an AA motivational syndrome that affects moderate to chronic users and includes symptoms of loss of energy, motivation, effectiveness, concentration, ability to carry out long-term plans, and performance in school and work.

**LSD** (Lysergic Acid Diethylamide) is a semi-synthetic drug regarded as a hallucinogenic. Short-term effects of this drug are generally felt within an hour of consumption and may last from two to 12 hours. Physiologically the user experiences increased blood pressure, rise in body temperature, dilated pupils, rapid heartbeat, muscular weakness, trembling, nausea, chills, numbness, loss of interest in food, and hyperventilation. Fine motor skills and coordination are usually impaired, as are perception, thought, mood, and psychological processes. Long-term effects may include flashbacks, weeks and even months after taking the drug, mental illness, prolonged depression, anxiety, psychological dependence, and suicidal thoughts.

**PCP** (Phencyclidine Hydrochloride) is a white crystalline powder that was originally used as a local anesthetic, but due to extreme side effects, was discontinued in 1967. In humans, PCP is a difficult drug to classify in that reactions may vary from stupor to euphoria and resemble the effects of a stimulant, depressant, anesthetic, or hallucinogen. Short-term effects include hyperventilation, increase in blood pressure and pulse rate, flushing and profuse sweating, general numbness of the extremities, and muscular in coordination. At higher doses it causes nausea, vomiting, blurred vision, loss of balance, and disorientation. It produces profound alteration of sensation, mood and consciousness, and can cause psychotic states in many ways indistinguishable from schizophrenia. Large doses have been known to cause convulsions, permanent brain damage, and coma.

**Psilocybin** is a hallucinogenic drug occurring naturally in about 20 species of Mexican mushrooms and is also produced synthetically. It is a white powder made of fine crystals and distributed in tablet, capsule, or liquid form. Shortly after taking psilocybin, a user may experience increased blood pressure, rapid heartbeat, and an increase in body temperature, dry mouth, dilated pupils, and some degree of agitation or excitement. This is followed by a decrease in the ability to concentrate or stay in touch with reality. (Hallucinations, as well as altered perceptions of time and space, may occur.) The effects are usually shorter lasting than those of LSD, yet the dangers are very similar.

**Cocaine** is a naturally occurring stimulant drug which is extracted from the leaves of the cocoa plant. Cocaine is sold as a white translucent crystalline powder frequently cut to about half its strength by a variety of other ingredients including sugars and cleaning powders. It is one of the most powerfully addictive drugs in use today. Short-term effects of cocaine include constricted peripheral blood vessels, dilated pupils, increased heart rate and blood pressure. It also causes appetite suppression, pain indifference, possible vomiting, visual, auditory, and tactile hallucinations, and occasionally paranoia. Long term effects include nasal congestion, collapse of nasal septum, restlessness, irritability, anxiety, and depression. Overdoses or chronic use may result in toxicity which includes symptoms of seizures followed by respiratory arrest, coma, cardiac arrest, and/or death. Cocaine Free-Base or Crack is the result of converting street cocaine to a pure base by removing the hydrochloric salt in many of the “cutting” agents. The end result is not water soluble, and therefore, must be smoked. It is much more dangerous than cocaine because it reaches the brain in seconds, and the intensified dose results in a sudden and intense physical reaction. This response lasts a few minutes and is followed by deep depression, loss of appetite, difficulty in sleeping, feeling revulsion for self, and worries and obsessions about getting more crack. Consequently, users often increase the dose and frequency of use resulting in severe addiction that includes physical debilitation and financial ruin. Physiologically, seizures followed by respiratory arrest and coma or cardiac arrest

and death may accompany long-term use.

**Amphetamines** are central nervous system stimulants that were once used medically to treat a variety of symptoms including depression and obesity. They may be taken orally, sniffed, or injected into the veins. Short-term effects disappear within a few hours and include reduction of appetite, increased breathing and heart rate, raised blood pressure, dilation of pupils, dry mouth, fever, sweating, headache, blurred vision and dizziness. Higher doses may cause flushing, rapid and irregular heartbeat, tremor, loss of coordination, and collapse. Death has occurred from ruptured blood vessels in the brain, heart failure, and very high fever. Psychological effects include increased alertness, postponement of fatigue, a false feeling of well-being, restlessness, excitability, and a feeling of power. Long-term effects include drug dependence and the risk of drug induced psychosis. Withdrawal includes extreme fatigue, irritability, strong hunger, and deep depression that may lead to suicide.

**Opioids** are substances that act on opioid receptors to produce morphine-like effects. Opioids are most often used medically to relieve pain. Opioids include opiates, an older term that refers to such drugs derived from opium, including morphine itself. Other opioids are semi-synthetic and synthetic drugs such as hydrocodone, oxycodone and fentanyl; antagonist, oxycodone and fentanyl; antagonist drugs such as naloxone and endogenous peptides such as the endorphins. Accidental overdose or concurrent use with other depressant drugs commonly results in death from respiratory depression. Because of opioid drugs' reputation for addiction and fatal overdose, most are highly controlled substances. Illicit production, smuggling, and addiction to opioids prompted treaties, laws and policing which have realized limited success. In 2013 between 28 and 38 million people used opioids illicitly (0.6% to 0.8% of the global population between the ages of 15 and 65). In 2011 an estimated 4 million people in the United States used opioids recreationally or were dependent on them. Current increased rates of recreational use and addiction are attributed to over-prescription of opioid medications and inexpensive illicit heroin.

## **DRUG AND ALCOHOL COUNSELING**

More information about alcohol and drugs and the risks they pose to health is available from the Campus Director at each campus. Outside counseling services and support groups are available. See page 78 of our catalog for a list of resources. Hyperlinks are provided for easy access. On most sites you can enter your Zip Code for centers closest to you. A comprehensive list of resources are available in Appendix V.

## **PARENT NOTIFICATION FOR DRUG AND ALCOHOL VIOLATIONS**

In accordance with the Higher Education Amendments of 1998 to the Family Educational Rights and Privacy Act (FERPA) of 1974, Cambridge College has the right to notify the parent or legal guardian of a student who is under the age of 21

when the student has been found guilty through disciplinary channels of violating any Cambridge College rule regarding alcohol or illegal drugs. Cambridge College also reserves the right to notify parents at any time regarding matters of student discipline.

## **STUDENT CONDUCT**

Cambridge Institute of Allied Health & Technology expects students to conduct themselves at all times in a professional manner. The forms of misconduct below are considered to be in conflict with the educational objectives of Cambridge Institute of Allied Health & Technology. Students who engage in such misconduct may be subject to dismissal by Cambridge Institute of Allied Health & Technology. Examples of such behavior are outlined below, but are not limited to:

- Dishonesty; including cheating, plagiarism, knowingly furnishing false information to Cambridge Institute of Allied Health & Technology and forgery, alteration or use of Cambridge Institute of Allied Health & Technology documents or identification with intent to defraud. Plagiarism is defined as:
  - Direct quotation or paraphrasing from published sources that are not properly acknowledged through a bibliography.
  - The use of other persons or services to prepare work that is submitted as one's own.
  - The use of previously submitted papers, written by other students.
  - Submission of the same or very similar papers by collaborating students.
- Intentional disruption or obstruction of teaching, research, administration, disciplinary proceedings, meetings or other Cambridge College of Healthcare & Technology activities.
- Physical or verbal abuse of any person within the Cambridge Institute of Allied Health & Technology organization. This also includes affiliate's property, clinical site, or functions sponsored or supervised by Cambridge Institute of Allied Health & Technology.
- Sexual Harassment (as defined in the catalog).
- Theft or damage to any property belonging to or occupied by Cambridge Institute of Allied Health & Technology and/or any damage to the property or damage to equipment of any affiliate of Cambridge Institute of Allied Health & Technology.
- Students will be charged for the repair or replacement of any equipment lost or damaged through negligence or willful misconduct. This includes damage to

any part of a building or its immediate surroundings or educational equipment where activities of Cambridge Institute of Allied Health & Technology (as well as a campus or clinical site or an affiliate's property) take place.

- Noncompliance with directions from employees, instructors, program directors, administrators, officers or management personnel of Cambridge Institute of Allied Health & Technology. This also includes medical or clinical facility supervisors acting in the performance of their respective duties.
- Students in violation of the Student Conduct Policy may be suspended while the violation is reviewed by the Academic Affairs Committee. The Academic Affairs Committee decision is final, binding and conclusive

## ***CONSUMER INFORMATION***

### **Campus Security/Crime Prevention and Safety Programs**

In compliance with the Federal Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act, Cambridge Institute of Allied Health & Technology publishes an annual security report that contains information concerning policies and programs relating to campus security, crimes and emergencies, the prevention of crimes and sexual offenses, drug and alcohol use, campus law enforcement, and access to campus facilities. The annual security report also includes statistics concerning the occurrence of specified types of crimes on campus and at certain off-campus locations. The annual security report is published each year by October 1 and contains statistics for the three most recent calendar years. The annual security report is provided to all current students. A copy of the most recent annual security report may be obtained from the VP of Compliance and Regulatory office during regular business hours.

In addition to the annual security report, each campus has security procedures to maintain a crime log of all reported crimes. The crime log is available for public inspection during regular business hours in the VP of Compliance and Regulatory's office.

Cambridge Institute of Allied Health & Technology will report to the campus community concerning the occurrence of any crime includable in the annual security report that is reported to campus security or local police and that is considered to be a threat to students or employees.

### **Reporting crime**

Any suspicious activity, or person seen in the parking lots or loitering around vehicles, inside the buildings or around the halls should be reported to the police department. In addition, you may report a non-emergency crime to the Program Director

### **Substance Abuse Policy**

The use, possession, or distribution of prohibited substances (including alcoholic

beverages, illegal chemical substances, or any legally prescribed chemical substances used in a manner contrary to a doctor's prescription) on the Institute's campus or on any externship site during related Institute experiences is prohibited. Any student found in violation of this rule will be dismissed from his/her program of study, and the school may also report the student to local law enforcement. The school reserves the right to administer random drug or sobriety tests or require students to submit to a drug or sobriety test "for cause" based on the behaviors outlined below. Students dismissed based on an infraction of The school's Substance Abuse Policy have a right to appeal the factual basis of the dismissal in accordance with the school's Grievance Policy as stated in the catalog. Students who refuse to take a random test or a "for cause" test will be terminated from their program and will be readmitted at the school's sole discretion. A student who is taking a prescribed legal drug which could affect his or her performance is responsible for notifying the director of education and providing a physician's certificate stating the he or she is able to safely and efficiently perform the assignments of a student. Indications of prohibited substance use may include, but are not limited to the following: euphoria, altered judgment, impaired motor coordination, inability to concentrate, memory loss, tremors, confusion, anxiety, delusions, agitation, disorientation, profuse diaphoresis, convulsions, slurred speech, emotional instability, delirium, hallucinations, depression, paranoia, hostility, hyperreflexia, and lethargy. If a faculty or staff member of the school observes any of these symptoms, one or more of the following actions may be imposed: Immediate suspension from the school. Immediate blood alcohol level testing and/or urine drug screen testing. An applicant for re-admission must be approved by the school's Admission Committee before he /she may resume his or her program of study. Upon one repeat violation of the school's Substance Abuse Policy, the student may be permanently terminated from the College.

#### ***DEFINITION OF TERMS USED IN THE SUBSTANCE ABUSE POLICY***

Possession: Having on one's person, either in pockets, purses, book bags, or any other hand-carried container, any kind of illegal chemical substance, including any items removed from ones pockets, purses, etc. while in school. Impairment: Any condition, regardless of cause, that interferes with an individual's ability to function as expected. Prohibited Substance: One substance or a combination of substances, including alcohol, over-the-counter drugs, prescribed drugs, or illegal drugs. Substance Abuse: Personal use of any chemical substance that is regulated by law; this includes the personal use of any normally legal chemical substance (such as alcohol or prescription drugs) in a manner that produces impairment, leads to the development of impairment, endangers the user's health, safety or welfare, or otherwise endangers the health, safety or welfare of others, as well as the use of any illegal chemical substances.

#### **Resources: Alcohol and Other Drugs**

##### **Alcoholics Anonymous**

The website for the 12 step Alcoholics Anonymous organization.

##### **Club Drugs**

National Institute on Drug Abuse's website specializing in the risks of using club drugs

such as Ecstasy, GHB, and LSD.

#### **Do It Now Foundation**

America's Drug Information Connection: includes downloadable pamphlets, booklets, videos, articles, and posters.

#### **Face: Truth and Clarity on Alcohol**

ACE - Truth and Clarity on Alcohol, is a national non-profit organization that has a proven track record as a leader in alcohol awareness media and training. FACE utilizes the best scientific evidence available and uses it to create gripping, informative messages about alcohol-related issues.

#### **Facts on Tap**

Facts on Tap are a comprehensive alcohol and other drug education, prevention, and intervention program for college students. Features many suggestions for dealing with everyday college situations involving alcohol and drug use. Includes interactive surveys, statistics, and understanding blood alcohol levels.

#### **Mothers Against Drunk Driving**

The mission of Mothers Against Drunk Driving (MADD) is to stop drunk driving, support the victims of this violent crime and prevent underage drinking. MADD is a non-profit organization with approximately 2 million members and supporters and 600 affiliates nationwide. Since MADD's founding in 1980, alcohol-related traffic deaths have decreased by more than 40 percent and nearly 250,000 lives have been saved.

#### **National Clearinghouse for Alcohol and Drug Information**

SAMHSA's National Clearinghouse for Alcohol and Drug Information (NCADI) is the Nation's one-stop resource for information about substance abuse prevention and addiction treatment.

#### **National Council on Alcoholism and Drug Dependence**

Founded in 1944 by Marty Mann, the first woman to find long-term sobriety in Alcoholics Anonymous, the National Council on Alcoholism and Drug Dependence, Inc. (NCADD) provides education, information, help and hope to the public. It advocates prevention, intervention and treatment through offices in New York and Washington, and a nationwide network of Affiliates.

#### **National Institute on Drug Abuse**

NIDA's mission is to lead the Nation in bringing the power of science to bear on drug abuse and addiction. Their website features sections geared toward young adults, teachers/parents and health professionals about the effects of drug abuse on the brain.

#### **Partnership for a Drug Free America**

The Mission of Partnership for a Drug Free America is to help kids and teens reject substance abuse by influencing attitudes through persuasive information. This website includes interactive surveys, games, personal stories, frequently asked questions about

drugs, and treatment help.

### ***StopHazing.org***

The main purpose of StopHazing.org is to serve as a resource for accurate, up-to-date hazing information for students, parents, and educators. StopHazing.org now helps to educate over 30,000 visitors/month.

Cambridge Institute of Allied Health & Technology has an absolute prohibition on hazing. Hazing is defined as an action or situation created on or off campus which recklessly or intentionally harms, damages, or endangers the mental or physical health or safety of a student for the purposes of, including, but not limited to, initiation or admission into or affiliation with any organization operating within the Institution.

Hazing includes, but is not limited to:

Pressuring or coercing a student into violating the institutions rules or local, state or federal law

Brutality of a physical nature, such as whipping, beating, branding, forced calisthenics, exposure to the elements

Forced/encouraged consumption of any food, liquor, drug, or other substance, or other forced/encouraged physical activity that could adversely affect the physical or mental health or safety of the student

Any activity that would subject the student to extreme mental stress, such as sleep deprivation

Forced/encouraged exclusion from social contact

Forced/encouraged conduct that could result in extreme embarrassment

Forced/encouraged activity that could adversely affect the mental health or dignity of the student

Any other activity which is inconsistent with the regulations and policies of the Institution

It is not a defense to a charge of hazing that:

The consent of the alleged victim had been obtained

The conduct of activity that resulted in the death or injury of a person was not part of an official organizational event or was not otherwise sanctioned or approved by the organization

The conduct or activity that resulted in death or injury of the person was not done as a condition of membership to an organization

The conduct or activity was not done to intentionally cause physical or emotional harm

To report any such intent of the Institutes Anti-Hazing Policy:

Contact the Academic Dean at 561-381-4990 or [esomnarain@cambridgehealth.edu](mailto:esomnarain@cambridgehealth.edu)

The Higher Education Center for Alcohol and Other Drug Prevention

The Higher Education Center's purpose is to help college and community leaders develop, implement, and evaluate programs and policies to reduce student problems related to alcohol and other drug use and interpersonal violence.

Resources: Alcohol and Other Drugs

### **Copyright Policy**

It is the policy of the Institution to respect the copyright protections given to authors, owners, and publishers under federal law including the Digital Millennium Copyright Act of 1998. Copyright is legal protection for creative intellectual works, which is broadly interpreted to cover almost any expression of an idea. Text (including email and Web information), graphics, arts, photographs, video and other media types, music, and software are examples of types of works protected by copyright. The creator of the work, or sometimes the person who hired the creator, is the initial copyright owner.

Copyright infringement (or copyright violation) is the unauthorized or prohibited use of works covered by copyright law, in a way that violates one of the copyright owner's exclusive rights, such as the right to reproduce or perform the copyrighted work, or to make derivative works. It is against policy for any student, faculty, staff member, consultant, contractor or other worker at the institution to copy, reproduce, share, or distribute any software, music, games, or movies on school computing equipment except as expressly permitted by a software license or with the written consent of the copyright holder or as otherwise permitted under federal law.

Willful infringement may subject a student or employee to discipline and can impact the privilege to use information technology resources at the school. Uploading or downloading works protected by copyright without the authority of the copyright owner is an infringement of the copyright owner's exclusive rights of reproduction and/or distribution. Even an innocent, unintentional infringement violates the law. Anyone found to have infringed a copyrighted work may be liable for statutory damages for each work infringed and, if willful infringement is proven by the copyright owner, that amount may be increased for each work infringed. In addition, an infringer of a work may also be liable for the attorney's fees incurred by the copyright owner to enforce his or her rights. Penalties for copyright infringement include civil and criminal penalties. In general, anyone found liable for civil copyright infringement may be ordered to pay either actual damages or "statutory" damages affixed at not less than \$750 and not more than \$30,000 per work infringed. For "willful" infringement, a court may award up to \$150,000 per work infringed. A court can, in its discretion, also assess costs and attorneys' fees. For details, see Title 17, United States Code, Sections 504, 505. Willful copyright infringement can also result in criminal penalties, including imprisonment of up to five years and fines of up to \$250,000 per offense.

The Institute has written plans to effectively combat the unauthorized distribution of

copyrighted material by users of the Institution's network without unduly interfering with the education and research use of the network. The plan is evaluated regularly for effectiveness. Currently students are given login accounts with limited privileges which prevent them from being able to install software locally on school computers. Also, at most locations, a firewall is in place that can be configured to block malicious content from being downloaded and uploaded. The Institute is currently involved in project to standardize a centrally managed firewall solution that will allow for much greater control and reporting capability. The Institute has secured purchasing agreements with many of its hardware and software vendors that allow students to purchase these items at significant discounts. This is an alternative to help reduce illegal downloading or otherwise acquiring copyrighted material. Other alternatives are assessed regularly by the Institution.

Employees of the Institute are required to read and sign a Computer Use Policy. This is in place to help employees benefit from technology and allow the Institution to manage the cost and risk of such use. For more information on United States copyright law, please consult the U.S. Copyright Office's website at <http://www.copyright.gov>.

### **Student Lending Code of Conduct**

To follow is our code of conduct that prohibits a conflict of interest with the responsibilities of an officer, employee, and agent of the institution with respect to Federal Direct Loans or private education loans. The institution does not participate in revenue sharing arrangements with any lender. The HEOA defines "revenue-sharing arrangement" as any arrangement between an institution and a lender under which the lender makes Title IV loans to students attending the institution (or to the families of those students), the institution recommends the lender or the loan products of the lender and, in exchange, the lender pays a fee or provides other material benefits, including revenue or profit-sharing, to the institution or to its officers, employees, or agents. The institution prohibits employees of the financial aid office from receiving gifts from a lender, guaranty agency or loan servicer. No officer or employee of an institution's financial aid office (or an employee or agent who otherwise has responsibilities with respect to educational loans) may solicit or accept any gift from a lender, guarantor, or servicer of education loans. A "gift" is defined as any gratuity, favor, discount, entertainment, hospitality, loan, or other item having monetary value of more than a de minimis amount. However, a gift does not include (1) a brochure, workshop, or training using standard materials relating to a loan, default aversion, or financial literacy, such as a brochure, workshop or training; (2) food, training, or informational material provided as part of a training session designed to improve the service of a lender, guarantor, or servicer if the training contributes to the professional development of the institution's officer, employee or agent; (3) favorable terms and benefits on an education loan provided to a student employed by the institution if those terms and benefits are comparable to those provided to all students at the institution; (4) entrance and exit counseling as long as the institution's staff are in control of the counseling and the counseling does not promote the services of a specific lender; (5) philanthropic contributions from a lender, guarantor, or servicer that are unrelated to education loans or any contribution that is not made in exchange for advantage related to

education loans, and; (6) State education grants, scholarships, or financial aid funds of a State. No officer or employee of an institution's financial aid office (or employee or agent who otherwise has responsibilities with respect to education loans) may accept from a lender, or an affiliate of any lender, any fee, payment, or other financial benefit (including a stock purchase option) as compensation for any type of consulting arrangement or contract to provide services to or on behalf of a lender relating to education loans. The institution prohibits offers of funds for private loans. An institution may not request or accept from any lender any offer of funds for private loans, including funds for an opportunity pool loan, to students in exchange for providing concessions or promises to the lender for a specific number of Title IV loans made, insured, or guaranteed, a specified loan volume, or a preferred lender arrangement. An "opportunity pool loan" is defined as a private education loan made by a lender to a student (or the student's family) that involves a payment by the institution to the lender for extending credit to the student. The institution may not request or accept from any lender any assistance with call center staffing or financial aid office staffing, except that a lender may provide professional development training, educational counseling materials (as long as the materials identify the lender that assisted in preparing the materials), or staffing services on a short-term, nonrecurring basis during emergencies or disasters.

An employee of an institution's financial aid office (or employee who otherwise has responsibilities with respect to education loans or financial aid) who serves on an advisory board, commission, or group established by a lender or guarantor (or a group of lenders or guarantors) is prohibited from receiving anything of value from the lender, guarantor, or group, except for reimbursement for reasonable expenses incurred by the employee for serving on the board.

### **Family Educational Rights and Privacy Policy (FERPA)**

The Family Educational Rights and Privacy Act (FERPA) (20 U.S.C. § 1232g; 34 CFR Part 99) is a Federal law that protects the privacy of student education records. The law applies to all schools that receive funds under an applicable program of the U.S. Department of Education. FERPA gives parents certain rights with respect to their children's education records. These rights transfer to the student when he or she reaches the age of 18 or attends a college beyond the high school level. Students to whom the rights have transferred are "eligible students."

Parents or eligible students have the right to inspect and review the student's education records maintained by the school. Schools are not required to provide copies of records unless, for reasons such as great distance, it is impossible for parents or eligible students to review the records. Schools may charge a fee for copies.

- Parents or eligible students have the right to request that a college correct records which they believe to be inaccurate or misleading. If the school decides not to amend the record, the parent or eligible student then has the right to a formal hearing. After the hearing, if the school still decides not to amend the

record, the parent or eligible student has the right to place a statement with the record setting forth his or her view about the contested information.

- Generally, schools must have written permission from the parent or eligible student in order to release any information from a student's education record. However, FERPA allows schools to disclose those records, without consent, to the following parties or under the following conditions (34 CFR § 99.31):
  - School officials with legitimate educational interest,
  - Other schools to which a student is transferring,
  - Specified officials for audit or evaluation purposes,
  - Appropriate parties in connection with financial aid to a student,
  - Organizations conducting certain studies for or on behalf of the school,
  - Accrediting organizations,
  - To comply with a judicial order or lawfully issued subpoena,
  - Appropriate officials in cases of health and safety emergencies, and
  - State and local authorities, within a juvenile justice system, pursuant to specific State law.
- Schools may disclose, without consent, "directory" information such as a student's name, address, telephone number, date and place of birth, honors and awards, and dates of attendance. However, schools must tell parents and eligible students about directory information and allow parents and eligible students a reasonable amount of time to request that Cambridge Institute not disclose directory information about them. Schools must notify parents and eligible students annually of their rights under FERPA. The actual means of notification (special letter, inclusion in a PTA bulletin, student handbook, or newspaper article) is left to the discretion of each school.

For additional information or technical assistance, you may call (202) 260-3887 (voice). Individuals who use TDD may call the Federal Information Relay Service at 1-800-877-8339.

Or you may contact the following address:  
Family Policy Compliance Office  
U.S. Department of Education 400

Maryland Avenue, SW  
Washington, DC 20202-5901

*From the Department of Education website at: <http://www.ed.gov/policy/gen/guid/fpcos/ferpa/index.html>*

## **Violence Against Women's Act**

### **PURPOSE AND SUMMARY**

Cambridge Institute of Allied Health & Technology (Cambridge) is committed to creating and maintaining a community where all individuals who participate in Cambridge programs and activities can work and learn together in an atmosphere free of harassment, exploitation, or intimidation.

Cambridge prohibits sexual harassment and sexual violence. Such behavior violates both law and Cambridge policy. Cambridge will respond promptly and effectively to reports of sexual harassment and sexual violence and will take appropriate action to prevent, to correct, and when necessary, discipline behavior that constitutes sexual harassment and / or sexual Violence, or otherwise violates the Violence against Women Act (herein referred to as "VAWA Policy").

### **SCOPE OF POLICY**

The VAWA Policy applies to all Cambridge employees and students.

### **PROHIBITED ACTS AND DEFINITIONS**

In compliance with the Violence Against Women Act (VAWA), the VAWA Policy prohibits sexual harassment, domestic violence, dating violence, sexual assault, stalking and other acts that as defined below:

a. Sexual Harassment is defined as unwelcome sexual advances, requests for sexual favors, and other verbal, nonverbal, or physical conduct of a sexual nature. Sexual harassment is conduct that explicitly or implicitly affects a person's employment or education or interferes with a person's work or educational performance or creates an environment such that a reasonable person would find the conduct intimidating, hostile, or offensive. Sexual harassment includes sexual violence (see definition below).

Cambridge will respond to reports of any such conduct in accordance with the VAWA, or other applicable, Policy. Sexual harassment may include incidents between any members of the Cambridge community, including faculty, staff or other employees, students or third parties such as, but not limited to: vendors, contractors, and visitors. Sexual harassment may occur in hierarchical relationships, between peers, or between individuals of the same sex or opposite sex. To determine whether the reported conduct constitutes sexual harassment, consideration shall be given to the record of the conduct as a whole and to the totality of the circumstances, including the context in which the conduct occurred.

b. Sexual Violence is defined as physical sexual acts engaged without the consent of the other without the consent of the other person or when the other person is unable to consent to the activity. Sexual violence includes sexual assault, rape, battery, and sexual coercion; domestic violence; dating violence; and stalking.

c. Domestic Violence Is defined as any felony or misdemeanor crime committed by a current or former spouse of the victim; person the victim has a child with; an individual who lives, or has lived, with the victim as a spouse, or a person similarly situated to a spouse; and any other person committing an act “against an adult or youth victim who is protected from that person’s acts under the domestic or family violence laws of the jurisdiction.

d. Dating Violence is defined as abuse committed by a person who is or has been in a social relationship of a romantic or intimate nature with the victim.

e. Sexual Assault occurs when physical sexual activity is engaged without the consent of the other person or when the other person is unable to consent to the activity. The activity or conduct may include physical force, violence, threat, or intimidation, ignoring the objections of the other person, causing the other person’s intoxication or incapacitation through the use of drugs or alcohol, or taking advantage of the other person’s incapacitation (including voluntary intoxication).

f. *Forcible Sexual Offense* is defined as any sexual act directed against another person, forcibly and/or against that person’s will; or not forcibly or against the person’s will where the victim is incapable of giving consent.

g. *Non--Forcible Sexual Offense* is defined as unlawful, non--forcible sexual intercourse. There are two types of Non--forcible Sex Offenses:

- Incest is non--forcible sexual intercourse between persons who are related to each other within the degrees wherein marriage is prohibited by law.
- Statutory Rape is non--forcible sexual intercourse with a person who is under the statutory age of consent.

h. *Consent is informed.* Consent is an affirmative, unambiguous, and conscious decision by each participant to engage in mutually agreed--upon sexual activity. Consent is *voluntary*. It must be given without coercion, force, threats, or intimidation. Consent means positive cooperation in the act or expression of intent to engage in the act pursuant to an exercise of freewill. Consent is revocable. Consent to some form of sexual activity

does not imply consent to other forms of sexual activity. Consent to sexual activity on one occasion is not consent to engage in sexual activity on another occasion. A current or previous dating or sexual relationship, by itself, is not sufficient to constitute consent. Even in the context of a relationship, there must be mutual consent to engage in sexual activity. Consent must be ongoing throughout a sexual encounter and can be revoked at any time. Once consent is withdrawn, the sexual activity must stop immediately. Consent cannot be given when a person is incapacitated. A person cannot consent if s/he is unconscious or coming in and out of consciousness. A person cannot consent if s/he is under the threat of violence, bodily injury or other forms of coercion. A person cannot consent if his/her understanding of the act is affected by a physical or mental impairment.

For purposes of this Policy, the age of consent is the age consistent with Florida Law.

- i. Incapacitation is defined as the physical and/or mental inability to make informed, rational judgments. States of incapacitation include, but are not limited to, unconsciousness, sleep, and blackouts. Where alcohol or drugs are involved, incapacitation is defined with respect to how the alcohol or other drugs consumed affects a person's decision-making capacity, awareness of consequences, and ability to make fully informed judgments. Being intoxicated by drugs or alcohol does not diminish one's responsibility to obtain consent. The factors to be considered when determining whether consent was given include whether the accused knew, or whether a reasonable person should have known, that the complainant was incapacitated.
- j. Stalking is behavior in which a person repeatedly engages in conduct directed at a specific person that places that person in reasonable fear of his or her safety or the safety of others.

## **CONSENSUAL RELATIONSHIPS**

The VAWA Policy covers unwelcome conduct of a sexual nature. Consensual romantic relationships between members of the Cambridge community are subject to other Cambridge policies outlined in the Employee and/or Student Handbooks. While a consensual romantic relationship between members of the Cambridge community may begin or continue for some time without issue, as relationships change they may evolve into situations that lead to charges of sexual harassment or sexual violence.

## **GENDER IDENTITY, GENDER EXPRESSION, OR SEXUAL ORIENTATION**

**DISCRIMINATION** Harassment that is not sexual in nature but is based on gender, gender identity, gender expression, sex-- or gender--stereotyping, or sexual orientation also is prohibited by Cambridge, as part of its nondiscrimination policy, if it denies or

limits a person's ability to participate in or benefit from Cambridge educational programs, employment, or services. While discrimination based on these factors may be distinguished from sexual harassment, these types of discrimination may contribute to the creation of a hostile work or academic environment. Thus, in determining whether a hostile environment due to sexual harassment exists, Cambridge may take into account acts of discrimination based on gender, gender identity, gender expression, sex-- or gender--stereotyping, or sexual orientation.

## **RETALIATION**

The VAWA Policy prohibits retaliation against a person who reports sexual harassment, sexual violence or other types of harassment, or someone who assists another person with a VAWA complaint, or a person who participates in any manner in an investigation or resolution of a complain under the VAWA Policy. Retaliation includes threats, intimidation, reprisals, and/or adverse actions related to employment or education.

## **REPORTING SEXUAL HARASSMENT OR SEXUAL VIOLENCE**

Any member of the Cambridge community may report conduct that may constitute a violation of VAWA, including sexual harassment or sexual violence, to any supervisor, manager, or the Title IX Officer. An individual who believes he or she has been subjected to sexual harassment or sexual violence may file a complaint or grievance pursuant to the applicable complaint resolution or grievance procedures as outlined in the Employee and/or Student Handbooks. Such complaint or grievance may be filed either instead of or in addition to making a report of sexual harassment to the Title IX Officer. A complaint or grievance alleging sexual harassment or sexual violence must meet all the requirements under the applicable complaint resolution or grievance procedure, including time limits for filing.

If the person to whom harassment normally would be reported is the individual accused of harassment, reports may be made to any manager, supervisor, or designated employee. Managers, supervisors, and designated employees are required to notify the Title IX Officer or other appropriate official designated to review and investigate sexual harassment Complaints when a report is received.

Any manager, supervisor, or designated employee responsible for reporting or responding To sexual harassment or sexual violence who knew about the incident and took no action to stop it or failed to report the prohibited act may be subject to disciplinary action. Reports of sexual harassment or sexual violence should be brought forward as soon as possible after the alleged conduct occurs. Prompt reporting will better enable Cambridge to respond, determine the issues, and provide an appropriate remedy and/or action. All incidents should be reported even if a significant amount of time has passed. However, delaying a report may impede Cambridge's ability to conduct an investigation and/or to take appropriate remedial actions.

An individual who has made a report of sexual harassment or sexual violence also may file a separate complaint or grievance alleging that the actions taken in response to the report of sexual harassment or sexual violence did not follow the VAWA Policy. Such a complaint or grievance may not be filed to address a disciplinary sanction imposed upon the accused. Any complaint or grievance regarding the resolution of a report of sexual harassment or sexual violence must be filed within EEOC time limits for filing a charge. The time period for filing begins on the date the individual was notified of the outcome of the sexual harassment or sexual violence investigation or other resolution process pursuant to the VAWA Policy, and/or of the actions taken by the administration in response to the report of sexual harassment or sexual violence, whichever is later.

## **RESPONSE TO REPORTS OF SEXUAL HARASSMENT OR SEXUAL VIOLENCE**

Cambridge will provide a written explanation of available rights and options, including

procedures to follow, when the Cambridge receives a report that the student or employee has been a victim of domestic violence, dating violence, sexual assault, or stalking, whether the offense occurred on-- or off--campus or in connection with any Cambridge program.

Upon a finding of sexual harassment or sexual violence, Cambridge may offer remedies to the individual or individuals harmed by the harassment and/or violence consistent with applicable complaint resolution and grievance procedures. Both the complainant and the alleged perpetrator will be notified, in writing, about the outcome of the complaint and any appeal.

## **PRIVACY**

Cambridge shall protect the privacy of individuals involved in a report of sexual harassment or sexual violence to the extent permitted by law and Cambridge policies. A report of sexual harassment or sexual violence may result in the gathering of extremely sensitive information about individuals in the Cambridge community. While such information is considered confidential, Cambridge policy regarding access to public records and disclosure of personal information may require disclosure of certain information concerning a report of sexual harassment or sexual violence. In such cases, every effort shall be made to redact the records in order to protect the privacy of individuals. An individual who has made a report of sexual harassment or sexual violence may be advised of sanctions imposed against the accused when the individual needs to be aware of the sanction in order for it to be fully effective (such as restrictions on communication or contact with the individual who made the report). In addition, when the offense involves a crime of violence or a non--forcible sex offense, the Family Educational Rights and Privacy Act permits disclosure to the complainant the final results of a disciplinary proceeding against the alleged accused, regardless of whether Cambridge concluded that a violation was committed. Information regarding disciplinary action taken against the accused shall not be disclosed without the accused's consent, unless permitted by law as noted above, or unless it is necessary to ensure compliance with the action or the safety of individuals.

## **REQUESTS FOR CONFIDENTIALITY**

Confidential resources, outside/third party counseling sources are available for individuals who may be interested in bringing a report of sexual harassment or sexual violence with a safe place to discuss their concerns and are posted on the Cambridge website.

Individuals who consult with confidential resources shall be advised that their discussions in these settings are not considered reports of sexual harassment or sexual violence and that without additional action by the individual, the discussions will not result in any action by the Cambridge to resolve their concerns.

An individual's requests regarding the confidentiality of reports of sexual harassment or sexual violence will be considered in determining an appropriate response; however, such requests will be considered in the dual contexts of the Cambridge's legal obligation to ensure a working and learning environment free from sexual harassment and sexual violence and the due process rights of the accused to be informed of the allegations and their source. Some level of disclosure may be necessary to ensure a complete and fair investigation, although the Cambridge will comply with requests for confidentiality to the extent possible.

## **EMPLOYEE DISCIPLINARY ACTIONS FOR VIOLATIONS OF VAWA POLICY**

Cambridge reserves the right to determine on case by case basis, with regard to proven or admitted violations of the VAWA Policy, disciplinary action to be taken with regard to any Cambridge employee.

Disciplinary action resulting from a determination that a violation of the VWA policy occurred, may include but are not limited to: unpaid suspension from work, altered work schedule, training or education specific to the offense, and termination of employment without the opportunity to re-apply for future employment. Cambridge, at its sole discretion may also combine various disciplinary actions it deems appropriate for the violation finding.

The final decision for any disciplinary action taken will be made at the sole discretion of Cambridge's Responsible officers and communicated by the Title IX Coordinator. This decision may not be appealed.

## **STUDENT DISCIPLINARY ACTIONS FOR VIOLATIONS OF VAWA POLICY**

Cambridge reserves the right to determine on case by case basis, with regard to proven or admitted violations of the VAWA Policy, disciplinary action to be taken with regard to any Cambridge student.

Disciplinary action resulting from a determination that a violation of the VWA policy occurred, may include but are not limited to: suspension from school, altered class schedule, training or education specific to the offense, community service requirements at a location determined by the school, and withdrawal from the school without the opportunity to re-enroll. Cambridge, at its sole discretion may also combine various disciplinary actions it deems appropriate for the violation finding.

The final decision for any disciplinary action taken will be made at the sole discretion of the Cambridge Responsible Officers and communicated by the Title IX Coordinator. This decision may not be appealed.

#### **ADDITIONAL ENFORCEMENT INFORMATION**

The Federal Equal Employment Opportunity Commission (EEOC) investigates complaints of unlawful harassment, including sexual violence, in employment. The U.S. Department of Education Office for Civil Rights (OCR) investigates complaints of unlawful harassment and sexual violence by students in educational programs or activities. These agencies may serve as neutral fact finders and attempt to facilitate the voluntary resolution of disputes with the parties. For more information, contact the nearest office of the EEOC or OCR.

#### **RESPONSIBLE OFFICERS**

President/CEO, Terry LaPier

Title IX Administrator/Vicente Quinones- Campus Director

#### **See Catalog Addendum for:**

Corporate Listing

Administrative Listing

Faculty Listing

Class Schedule

Holiday Breaks