

## Why Phlebotomy?

Phlebotomists are trained to draw blood samples by venipuncture or skin puncture for medical tests and blood donations, to perform related technical procedures and to process the associated clerical tasks. Phlebotomists need to communicate with patients to obtain information for laboratory records, explain procedures, allay fears and elicit cooperation. Phlebotomists must adhere to strict policies and safety precautions while treating the patient with care.

The Phlebotomy Certificate curriculum prepares students for entry-level positions in hospitals, clinics and other health care settings, collecting blood samples from patients, performing related technical procedures and processing the associated clerical tasks. As vital members of the health care team, phlebotomists work closely with patients and require good communication and organizational skills. To be successful, phlebotomists should be practical and accurate, able to inspire confidence in others and to put patients at ease. Phlebotomists need to be skilled at collecting blood and other specimens correctly to procure high quality specimens for laboratory analysis. The Phlebotomy Certificate program emphasizes a combination of phlebotomy theory and practical application necessary for successful employment.

## Graduates Find Jobs

Graduates of the BCC Phlebotomy program choose either to seek immediate employment or to transfer to one of several related degree programs. Employment prospects are excellent and varied. Graduates are employed in area and regional hospitals, in physicians' offices, or in blood collection facilities. Successful completion of national certification examinations after graduation affords mobility, job security, and access to positions in almost any area of the country.

For more information about this program, please call the Medical Technology Department at 607 778-5211 or e-mail at [wade\\_a@sunybroome.edu](mailto:wade_a@sunybroome.edu).



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## The Phlebotomy Certificate Program at Broome Community College



# The Phlebotomy

## Certificate Program

The Phlebotomy Certificate Program at Broome Community College is designed to train students for immediate entry into hospitals, clinics, physicians' offices, and other health care settings as phlebotomists, and to offer additional specialized training to practicing health care professionals who wish to upgrade their skills and become more valuable to area employers. In addition, it will prepare students to qualify to take national certification examinations.

The certificate program requires 28 credits for completion, all of which can be completed in two semesters if students meet the basic entry requirements, or can take several semesters if the student must attend on a part-time basis. It includes didactic and laboratory course work and 160 hours of clinical experience in an affiliated clinical site. It is designed in such a way that most courses are applicable to other degree programs in the Health Sciences or other fields at Broome Community College.

## Do I Qualify?

There are not specific prerequisites for entry into the Program, but recommended preparatory high school-level coursework includes: 4 units English, 3 units Math, and 3 units Science. Students who have not successfully completed a Regents-level high school Biology course may be advised to enroll in a preparatory Biology course while at BCC.

Students who lack the background described are still encouraged to apply. Based on an evaluation of background, individuals may be accepted to BCC and advised through a preparatory program. Each entering student is tested prior to scheduling. The Phlebotomy program at BCC sometimes fills quickly and there may be a waiting list.

Personal characteristics that predict success in this program are good manual dexterity and communication skills, an interest in health and medicine, reliability, and a desire to be involved in a truly rewarding profession.

## Fall Semester Courses

### Introduction to Medical Laboratory Technology / MLT110

An introduction to clinical laboratory science and the scope of the field. Includes discussions on opportunities within the profession, ethics, and professional conduct.

### Medical Terminology / HIT106

A study of the language of medicine, including suffixes, prefixes and root words. Emphasis on terminology associated with the anatomic systems.

### Human Biology I / BIO131

Normal structure (gross and microscopic) and function of the skeletal, muscular and nervous systems.

Emphasis on physiology in lectures and on anatomy in laboratory.

### College Writing I / ENG110

Study and practice in the composition of ideas and information.

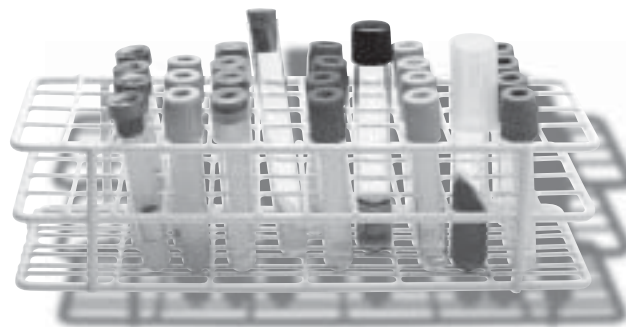
### Medical Ethics / MDA208

Emphasizing the medical ethics which set the standards of conduct for healthcare professionals.

or

### Medical Legal Aspects / HIT 222

Introduction to legal aspects of medical records and medical-moral issues such as abortion, euthanasia, sterilization, artificial insemination.



## Spring Semester Courses

### Fundamental Phlebotomy / MLT204

Training and experience in the practice of phlebotomy. Course includes practical experience in affiliated hospital laboratories.

### Specialized Phlebotomy / MLT214

Advanced techniques in collecting venous blood and capillary blood specimens. Topics include anatomy and physiology as related to specimen collection; properties of arterial blood versus venous blood; specialized collection equipment; specialized collection techniques; requisitioning, specimen transport and specimen processing, and quality assurance.

### Phlebotomy Practicum / MLT215

Application of phlebotomy techniques in a clinical laboratory setting or health care environment. Focus on safety, quality control, communication, interpersonal skills, and ethical considerations relating to patients. This course will provide 160 hours of clinical phlebotomy experience in the affiliate clinical agencies.

### Computer Applications / CST105

An introduction to computer concepts and application software using the computer as a problem solving tool. Topics include word-processing, spreadsheets, databases, e-mail, and the Internet.

### Effective Speaking / SPK110

Speech communication through voice, words, and action. Voice production, diction, platform presence.

or

### Communicating About Ideas and Values / ENG220

Critical analysis of issues and moral problems affecting all thinking adults.

*Total credits required for graduation: 28*