

Bergen

COMMUNITY COLLEGE

HEALTH CAREER PROGRAMS

Rare Opportunities. Shared Dreams.



- ▼DENTAL HYGIENE
- ▼DIAGNOSTIC MEDICAL SONOGRAPHY
- ▼EXERCISE SCIENCE
- ▼HEALTH SCIENCE
- ▼MEDICAL LABORATORY TECHNOLOGY
- ▼MEDICAL OFFICE ASSISTANT
- ▼NURSING
- ▼PHYSICAL THERAPIST ASSISTANT
- ▼PRE-CHIROPRACTIC
- ▼RADIOGRAPHY
- ▼RESPIRATORY THERAPY
- ▼SURGICAL TECHNOLOGY
- ▼VETERINARY TECHNOLOGY

Bergen Community College

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Accreditations

- Four programs—**Diagnostic Medical Sonography**, **Medical Office Assistant**, **Respiratory Therapy**, and **Surgical Technology**—are accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP). In addition, the **Diagnostic Medical Sonography Program** is accredited by the Joint Review Committee on Education in Diagnostic Medical Sonography. And the **Respiratory Therapy Program** is also accredited by the Committee on Accreditation for Respiratory Care.
- The **Nursing Program**, which is approved by the New Jersey State Board of Nursing, is accredited by the National League for Nursing Accrediting Commission.
- The **Dental Hygiene Program** is accredited by the Dental Hygiene Education Commission on Dental Accreditation of the American Dental Association.
- The **Radiography Program** is accredited by the Joint Review Committee on Education in Radiologic Technology.
- The **Medical Laboratory Technology Program** is accredited by the National Accrediting Agency for Clinical Laboratory Sciences.
- The **Physical Therapist Assistant Program** is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE) of the American Physical Therapy Association.
- The **Veterinary Technology Program** is accredited by the American Veterinary Medical Association.

10/02

Information for Admission

Admission to college programs in health care is very competitive. Only a limited number of seats are available for each program. These limitations result from requirements imposed by accrediting agencies and clinical sites. More candidates apply than can be accepted. All academic records of health-care career program candidates are reviewed according to criteria established by the Division of Science and Health and the Division of Student Services. A committee composed of faculty from the health-care career programs and faculty and staff from the Student Services Division use these criteria to ensure that all applications and supporting credentials are evaluated in the same way.

If you have not taken the necessary high school prerequisites, the courses can be made up by substituting courses taken at BCC. These courses must be taken before you apply to Nursing or any health career program. To be considered for most programs, science prerequisites must have been completed within the last ten years. Applicable college science courses taken more than ten years ago are not transferable. Students who hold a visa of any type must apply for a health career program after attending the college for a minimum of one semester. The chart on page 5 outlines the **minimum** entrance requirements for all programs. It is important to note that in the past most applicants accepted have exceeded the minimum entrance requirements. Qualified applicants for admission to the Nursing Program will be invited to take the Nurse Entrance Test (NET). And starting in September 2003, qualified dental hygiene

applicants will be required to pass the Health Occupations Basic Entrance Test (HOBET) for admittance to the Dental Hygiene Program. (**Note: Students should consult the college catalog in the year of admission to the program for the exact degree requirements.**)

Students accepted into certain health career programs who require remediation based on the Basic Skills testing results will be placed into a deferred acceptance category until remediation needs have been met. Deferred acceptance students must remain in contact with the director or coordinator of their specific health career program during progression through required remediation. Applicants to the Dental Hygiene, Diagnostic Medical Sonography, Physical Therapy Assistant, Radiography, and Nursing Programs must complete remediation prior to acceptance into the program.

The Associate Degree or Certificate Programs in Health Care offered by Bergen Community College encompass many fields of specialization and career opportunities. Students receive intensive classroom and laboratory instruction in addition to supervised clinical experience at local hospitals and/or clinics.

For more information, contact:
Admissions Office (201) 447-7195
Welcome Center (201) 447-7200
Bergen Community College
400 Paramus Road
Paramus, New Jersey 07652-1595
www.bergen.edu



Abilities Required for Success in a Health Career

A successful candidate for a health career program at Bergen Community College must possess certain abilities necessary to provide and maintain safe and effective care administered to the patient.

The candidate must be able to function on an independent level without an intermediary. Required abilities include observation, communication, motor skills, cognitive and intellectual skills, behavioral and social attributes.

I. Observation

The candidate must have the ability to observe and utilize the senses skillfully, the ability to see, hear, and touch. A sense of smell is also considered important.

II. Communication

The candidate must be able to speak, read, comprehend and write in English, and listen attentively. These abilities are essential for members of the health team.

III. Motor Skills

The candidate must be able to administer physical care to patients in different settings and possess gross and fine movements for the operation of certain equipment and to perform specific treatments. Patience, concern for order, manual dexterity, and physical stamina are vital characteristics.

IV. Cognitive and Intellectual Skills

The candidate must possess the ability to think critically, which is essential to the problem-solving techniques necessary in patient care. Application of theory to practice is mandatory in affording the patient safe quality care.

V. Behavioral and Social Attributes

The candidate must possess emotional health necessary to effectively assume responsibilities and develop relationships with the patient and others; be accountable for his or her own thoughts and actions; act in a stable, mature manner; possess honesty and integrity; and have the capacity to cope with a stressful environment.

MINIMUM ENTRANCE REQUIREMENTS

(Each prerequisite course must be passed with 2.0 or higher)

PROGRAM	COLLEGE CODE	LENGTH/DEGREE	PREREQUISITES	SUBSTITUTIONS	MINIMUM GPA
Dental Hygiene	AAS.AH.DENTL	2 year AAS	Chemistry w/lab, Biology w/lab, Algebra	CHM100 BIO101, 107, 109*, MAT035	2.5 Passing score on HOBET Entrance Exam
Diagnostic Medical Sonography**	AAS.AH.DMS	2 year AAS	One Biology w/lab, Algebra, General Physics	BIO101, 107, 109*, MAT035 PHY185	2.5
Exercise Science	CERT.EXER.SCI AS.PS.EXER	1 year Certificate	HS Graduation	GED	2.0
		2 year AS	HS Graduation	GED	2.0
Health Science	AAS.H.HLTH.SCI	1 year AAS	Prof. Cert./License	None	2.0
Medical Laboratory Technology	AAS.AH.MLT	2 year AAS	Chemistry w/lab Biology w/lab, Algebra	CHM100 BIO101, 107, 109*, MAT035	2.5
Medical Office Assistant	AAS.AH.MOA	2 year AAS	One Science	BIO101, 107, 109*	2.0
	CERT.MOAA	1 year Certificate	One Math	MAT011	
Nursing (Day)	AAS.NURS.DAY	2 year AAS	Chemistry w/lab Biology w/lab, Algebra	CHM100 BIO101, 107, 109*, MAT035	2.5 Passing score on NET entrance exam
Nursing (Eve.)♦	AAS.NURS.EVE	2 year AAS	Chemistry w/lab Biology w/lab, Algebra	CHM100 BIO101, 107,109*, MAT035	2.5 Passing score on NET entrance exam
Physical Therapist Assistant♦♦	AAS.AH.PTA	2 year AAS	Chemistry w/lab Biology w/lab, Algebra	CHM100 BIO101, 107, 109*, MAT035	2.0
Pre-Chiropractic	AS.NSM.CHIR	2 year AS	HS Graduation	GED	2.0
Radiography	AAS.AH.RAD	2 year AAS	One Science, Algebra	BIO101, 107, 109*, MAT035	2.5
Respiratory Therapy	AAS.AH.RESP	2 year AAS	Chemistry w/lab Biology w/lab, Algebra	CHM100 BIO101, 107, 109*, MAT035	2.0
Surgical Technology	CERT.SURG	1 year Certificate	HS graduation	GED	2.0
Veterinary Technology †	AAS.H.VET	2 year AAS	Chemistry w/lab Biology w/lab, Algebra	CHM100 BIO115, MAT035	2.0

* HS Biology is waived if BIO101, 107 or 109 is successfully completed. BIO115 for Veterinary Technology only.

** The Diagnostic Medical Sonography Program is a regional program that utilizes clinical affiliates throughout New Jersey. Students may be required to travel to distant locations and provide their own transportation in the clinical education component of the program.

♦ Evening Nursing applicants cannot be accepted until all general requisites (8 courses) have been completed. These courses are: BIO109, BIO209 (Anatomy and Physiology I & II), WRT101, WRT201 (English Composition I & II), PSY101 (General Psychology), PSY106 (Developmental Psychology), SOC101 (Sociology), and WEX101 (Dynamics of Health and Fitness).

♦♦ Meeting the minimum requirements does not guarantee admission into the Physical Therapist Assistant Program; admission is selective. Additional criteria used to select individuals include: overall GPA, science GPA, year biology or anatomy completed, experience (paid or volunteer) in a physical therapy setting or other allied health field, prior education, and letters of recommendation from physical therapist(s).

† Applicants for the professional component (second semester) of the Veterinary Technology Program cannot be accepted until all prerequisites have been completed. These courses include WRT101 (English Composition), BIO115 (Vertebrate Anatomy & Physiology I), CHM112 (College Chemistry), VET102 (Introduction to Veterinary Technology), VET103 (Veterinary Medical Terminology). Students are advised to consult with the coordinator of the Veterinary Technology Program for additional information regarding the application procedures.

NURSING EVENING PROGRAM

The Nursing Evening Program accepts candidates for a class starting in the **spring semester only**. Evening Nursing applicants cannot be accepted into the program until all general requisites (8 courses) have been completed. Please refer to the college catalog for a description of the Nursing Evening Program.

LICENSING AND PROFESSIONAL CERTIFICATION

State and national regulatory agencies that license and/or certify graduates of Nursing and allied health programs **may refuse** to admit to licensing/certification examinations any candidate who has been convicted of a crime or is incapable, due to medical or other reasons, of carrying out the functions required of either a nurse or allied health professional.

APPLICATION REQUIREMENTS

Your application for an Associate Degree or Certificate Health Career Program and all related credentials must be submitted to the Office of Admissions and Recruitment. To receive an application by mail, please call (201) 447-7218. Applications can also be picked up at the office in Room A-129 or online at www.bergen.edu. In addition to the requirements below, applicants are advised to review the college catalog.

- Students should apply as early as possible since the number of program openings is limited. Applying early also allows time for entrance exams.
- The completed application must be returned with a non-refundable \$25 application fee.
- Official high school transcripts (or GED test scores) must be forwarded to the Office of Admissions and Recruitment. All students who are accepted while in their senior year of high school must submit a final transcript upon graduation.
- Students who have attended other colleges or universities must have transcripts sent to the Office of Admissions and Recruitment.
- Students must complete the Basic Skills Placement Test before registering for classes.
- Graduates of foreign high schools must submit official translation of their credentials showing that their education is equivalent to that of a U.S. high school graduate. Contact the Office of Admissions and Recruitment for information on acceptable translation agencies.
- Students who holds visas are eligible to apply for a program after one completed semester at the college.



CHANGE OF CURRICULUM STUDENTS

Any student enrolled in BCC who has declared a major (degree-seeking) and wants to change into a health career program must meet with a counselor for procedural information. Please call the Counseling Center at (201) 447-7211 to arrange an appointment to file a Change of Curriculum application. The same admissions requirements used for New Admission applicants will be applied to Change of Curriculum applicants.

STUDENT CLASSIFICATION – DEGREE-SEEKING

A degree-seeking student is one who has graduated from high school or has an equivalency diploma and who has filed an application and has been officially admitted into a degree or certificate program.

LOSS OF DEGREE-SEEKING STATUS

A degree-seeking student in a health career program who does not register for classes or maintain continuous enrollment in the discipline designated courses will **lose** his or her status and will be reclassified as non-degree-seeking. A student who has been reclassified as non-degree-seeking must request readmission by completing an Application for Readmission. A readmission fee is required.

MEDICAL REQUIREMENTS

A complete physical examination is required for **all** students who are admitted to the college. In addition, allied health and nursing students are required to have specific inoculations, antibody titers, and testing in order to practice in a health-care field. The college recommends that all health-care career students consult their physician regarding the advisability of being inoculated with Hepatitis B vaccine.

PLACEMENT TESTING

The Basic Skills Placement Test is required by the State of New Jersey for every student entering a New Jersey public college. Students may need to take special courses in English and Mathematics based on the results of these tests. **It is recommended that this test be taken as early as possible.** Students who are placed in remedial and developmental courses cannot enroll in other courses in English or Mathematics, thus academic restrictions may apply. When students are placed in specific Basic Skills courses, they must enroll for those courses during the first semester on campus. Placement in Basic Skills courses will restrict the number of additional credits for which a student may register in his or her program of study. Contact the Testing Office at (201) 447-7202 for information, test dates, and study materials.

IF YOU NEED HELP

The staff at Bergen Community College will be happy to assist you. If you have questions, please call the following:

Admissions:

(201) 447-7195

(For New Applicants)

Counseling Center:

(201) 447-7211

(For Change of Curriculum Applicants)

Allied Health Office (S-336):

(201) 447-7944

(For Program Information)

Welcome Center:

(201) 447-7200

(For College Tour)

Financial Aid:

(201) 447-7148

Dental Hygienists Are Valuable Members of the Preventive Health-Care Team

If you enjoy helping people, working with your hands as well as your mind, and playing an important role in helping your patients maintain ideal dental health, then dental hygiene may be the career for you.

A dental hygienist is a licensed professional, an oral health educator, and a clinician who—under the supervision of a dentist—is responsible for providing treatment that promotes both oral and total health care. Hygienists perform services such as scaling and polishing the teeth, taking and developing dental X-rays, and applying preventive

materials to the teeth such as fluoride and sealants. In addition to performing technical duties, dental hygienists play an important role in teaching patients home-care techniques such as brushing and flossing, and in counseling the patient about nutrition and its impact on oral health.

Dental hygiene is a challenging career that offers men and women diverse employment opportunities. A minimum of two years of college prepares graduates to provide care to patients in dental offices, hospitals, nursing homes, and schools.



DENTAL HYGIENE CODE AAS.AH.DENTL

First Semester

BIO104	Microbiology	4
BIO109	Anatomy & Physiology I	4
DHY101	Oral Hygiene I	3
DHY108	Dental & Oral Anatomy & Physiology	2
DHY109	Oral Embryology & Histology	2
WRT101	English Composition I	3
		18

Second Semester

BIO209	Anatomy & Physiology II	4
WEX101	Dynamics of Health & Fitness	2
DHY201	Oral Hygiene II	3
DHY205	Dental Radiology	3
DHY207	General & Oral Pathology	3
WRT201	English Composition II	3
		18

Summer Session I and II

CHM110	Basic Biochemistry	4
		4

Summer Session II

DHY200	Pharmacology for Dental Hygiene	2
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Third Semester

DHY202	Oral Hygiene III	4
DHY204	Dental Materials	3
DHY206	Public Health & Community Dentistry	3
DHY209	Periodontology I	1
WEX...	Dynamics of Health & Fitness Experience*	1

Fourth Semester

DHY219	Periodontology II	1
DHY203	Oral Hygiene IV	4
DHY214	Nutrition in Dental Health	2
PSY101	General Psychology	3
SOC101	Sociology	3
SPE111	Speech Communication	3
.....	Humanities Elective*	3

*General Education Elective - See college catalog

Starting in September 2003, qualified dental hygiene applicants will be required to pass the Health Occupations Basic Entrance Test (HOBET) for admittance into the program.

Note: Students enrolled in this program ARE REQUIRED to successfully complete a course in basic algebra if indicated by the Basic Skills Placement Test.

PROGRAM GOALS

- Upon completion of the program the dental hygiene graduate will be prepared to:
1. Provide educational, clinical, and therapeutic dental health services to patients.
 2. Support systemic health through the promotion of optimal oral health.
 3. Provide treatment that helps to prevent dental caries (cavities) and periodontal (gum) disease.
 4. Communicate effectively with the dental team and other health-care professionals.
 5. Demonstrate professionalism by adherence to the American Dental Hygienists' Association Code of Ethics and legal statutes of the state.
 6. Successfully complete a written National Board Dental Hygiene Exam and a state clinical and comprehensive exam.

Diagnostic Medical Sonographers Combine Health and Science in their Careers

Sonographers perform a wide variety of medical diagnostic tests using high frequency sound equipment. Ultrasound is used to detect diseases and abnormalities in areas such as the abdomen, heart, and vascular system. Ultrasound is also an important procedure for use in obstetric and gynecologic imaging. The sonographer uses knowledge of anatomy and physiology, physics, and pathology to create an image of the patient's body for the physician to interpret.

Upon graduation from this program, which is accredited by the Commission of Accreditation of Allied Health Education Programs, graduates are eligible to take the national certifying examination administered by the American Registry of Diagnostic Medical Sonographers.

Graduates can find employment in hospitals, doctors' offices, health maintenance organizations, clinics, and medical imaging services.



DIAGNOSTIC MEDICAL SONOGRAPHY CODE AAS.AH.DMS

First Semester (Fall)

BIO109	Anatomy & Physiology I	4
DMS101	Ultrasound Physics & Inst. I	2
DMS102	Clinical Medicine & Patient Care	2
DMS113	Abdominal Sonography I	3
DMS115	Cross-Sectional Anatomy	4
WRT101	English Composition I	3
	—	
		18

Second Semester (Spring)

BIO209	Anatomy & Physiology II	4
DMS201	Ultrasound Physics & Inst. II	2
DMS204	Introduction to Medical Imaging	1
DMS205	OB/GYN Sonography	3
DMS213	Abdominal Sonography II	3
DMS218	Ultrasound Clinic I (160 hrs)	1
WRT201	English Composition II	3
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		17

Summer Session I

DMS219	Ultrasound Clinic II-Abdomen (240 hrs)	2
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Summer Session II

.....	Humanities Elective*	3
	—	
		5

Third Semester (Fall)

DMS214	Echocardiography	3
DMS220	Ultrasound Clinic III-OB/GYN (240 hrs)	2
DMS223	Ultrasound Seminar I	1
DMS226	OB Sonography II	3
DMS229	Vascular Imaging	2
WEX101	Dynamics of Health & Fitness	2
	—	
		13

Fourth Semester (Spring)

DMS221	Ultrasound Clinic IV-Vascular (200 hrs)	1
DMS224	Ultrasound Seminar II	1
DMS227	Echocardiography II	3
DMS228	Advanced Ultrasound Practices	1
.....	Humanities Elective*	3
WEX...	Dynamics of Health & Fitness Exp.*	1
.....	Social Science Elective*	3

Summer Session I

DMS222	Ultrasound Clinic V-Cardiac (240 hrs)	2
DMS225	Ultrasound Seminar III	1

—
3

Total program credits = 69 Prerequisites for program: Biology/lab, Algebra, General Physics

* General Education Elective – See college catalog

**The Diagnostic Medical Sonography Program is a regional program that utilizes clinical affiliates throughout New Jersey. Students may be required to travel to distant sites and provide their own transportation in the clinical education component of the program.

Note: Students enrolled in this program ARE REQUIRED to successfully complete a course in basic algebra if indicated by the Basic Skills Placement Test.

Exercise Science Graduates Apply Concepts and Skills For the Use of Exercise in Improving the Human Condition

The Exercise Science Program of study is designed to give you the most current technical and theoretical knowledge about physical fitness. As a student in the program, you will study fitness measurement, nutrition, exercise injury, exercise prescription, and the relationship of exercise to human health. You will also have an opportunity to learn how to select and use equipment for exercising.

Employment Opportunities

A graduate of the Exercise Science Program is eligible for employment as a supervisor, manager, or personal trainer in health clubs, health spas, YMCAs and YWCAs, Boys' Clubs, fitness centers, and other organizations that have exercise facilities. The student may earn either a certificate and/or an associate degree, or transfer to a four-year institution.



ASSOCIATE IN SCIENCE DEGREE OPTIONS IN PROFESSIONAL STUDIES

EXERCISE SCIENCE • CODE AS.PS.EXER

First Semester			Third Semester		
WEX101	Dynamics of Health & Fitness	2	WEX106	Nutrition for Exercise & Fitness	3
WEX159	CPR & Emergency First Aid	3	WEX...	Dynamics of Health and Fitness Experience**	1
WEX164	Exercise Science	3	.....	Humanities Electives**	6
MAT/CIS...	Mathematics/Computer Science Elective*	3	.....	Natural Sciences Elective**	4
SPE111	Speech Communication	3	.....	Social Science Elective**	3
WRT101	English Composition I	3			<hr style="width: 100px; margin-left: auto; margin-right: 0;"/>
		<hr style="width: 100px; margin-left: auto; margin-right: 0;"/>			17

Second Semester			Fourth Semester		
WEX182	Fitness Measurement	3	WEX183	Programs & Principles of Conditioning	3
WEX184	Sports Medicine I - Theory & Practice	3	.....	Humanities Elective**	3
MAT/CIS...	Mathematics/Computer Science Elective*	3	.....	Natural Sciences Elective**	4
WRT201	English Composition II	3	.....	Social Science Elective**	3
.....	Humanities Electives**	6			<hr style="width: 100px; margin-left: auto; margin-right: 0;"/>
		<hr style="width: 100px; margin-left: auto; margin-right: 0;"/>			13

* General Education Elective in Mathematics/Computer Science – See college catalog. Recommended: MAT130, MAT150, MAT155, or MAT180.
 ** General Education Elective - See college catalog

CAREER PROGRAM CERTIFICATES

EXERCISE SCIENCE • CODE CERT.EXER.SCI

First Semester			Second Semester		
BUS101	Introduction to Business	3	PSY101	General Psychology	3
BIO103	The Human Body	4	WEX106	Nutrition for Exercise & Fitness	3
WEX159	CPR & Emergency First Aid	3	WEX182	Fitness Measurement & Interpretation	3
WEX164	Exercise Science	3	WEX183	Programs & Principles of Conditioning	3
WRT101	English Composition I	3	WEX184	Sports Medicine I - Theory & Practice	3
		<hr style="width: 100px; margin-left: auto; margin-right: 0;"/>			<hr style="width: 100px; margin-left: auto; margin-right: 0;"/>
		16			15

Note: Students enrolled in this program ARE NOT REQUIRED to successfully complete a course in basic algebra if indicated by the Basic Skills Placement Test.

A Health Science Degree Helps Licensed Health-Care Professionals Further their Academic Goals

This curriculum is designed for graduates of one-year, post-secondary programs who hold current certification or licensure in an allied health discipline such as dental assisting, diagnostic medical sonography, licensed practical nursing, medical office assisting, radiography, respiratory technology, and surgical technology. Certification or licensure must be recognized by the accrediting agencies of the BCC Allied Health Programs. Thirty credits for certification/licensure will be granted after completion of the degree require-

ments, resulting in 66 credits and an AAS in Health Science. It is important to note that this curriculum will not confer eligibility for advanced certification or advanced licensure within the allied health disciplines.

Applicants need to submit their credentials to the Allied Health Department Chair (Room S-336) prior to admission to the program. Once credentials are approved, the student will be allowed to matriculate into the Health Science curriculum.



HEALTH SCIENCE • CODE AAS.H.HLTH.SCI

First Semester

WRT101	English Composition I	3
BIO109	Anatomy & Physiology I	4
.....	Humanities Elective*	3
MOA140	Medical Terminology	3
WEX101	Dynamics of Health & Fitness	2
SOC101	Sociology	3
		—
		18

Second Semester

WRT201	English Composition II	3
BIO209	Anatomy & Physiology II	4
.....	Humanities Elective*	3
CHM100	Introduction to Chemistry**	4
WEX ...	Dynamics of Health & Fitness Experience*	1
PSY101	General Psychology	3
		—
		18

* General Education Elective - See college catalog

** PHY186 (General Physics I) required of Diagnostic Medical Sonographers as a substitute for CHM100 (Introduction to Chemistry)

Note: Students enrolled in this program ARE REQUIRED to successfully complete a course in basic algebra if indicated by the Basic Skills Placement Test.

Medical Laboratory Technicians Are the Detectives of the Health-Care World

Have you ever wondered what happens to the blood sample the medical laboratory technician just collected from the vein in your arm? Or how doctors diagnose disease? Or how you can have a rewarding career helping others? Welcome to the world inside the medical laboratory. It's a world of wonder where medical laboratory professionals find answers to these questions and more.

Medical laboratory technicians (MLTs) are the detectives of the health-care world. They search for clues to help in the diagnosis and treatment of disease and injury, and to help patients stay healthy, too. As vital members of the health-care team, they play a critical role in collecting the information needed to give the best care to an ill or injured patient.

Though medical laboratory technicians spend less time in contact with the patient than doctors and nurses, they are just as ded-

icated to patients' health. They hunt for clues to the absence, presence, extent, and causes of diseases. All MLTs have certain common characteristics. MLTs are excellent problem solvers. They like challenge and responsibility. They are accurate, reliable, emotionally stable, work well under pressure, and are able to finish a task once started. They communicate well both in writing and speaking. They set high standards for themselves and expect quality in the work they do. But above all, they are deeply committed to their profession, and are truly fascinated by all science has to offer. For someone who chooses a career as a medical laboratory technician, the exploration never ends.

MLTs have an unlimited choice of practice settings. Hospitals, for-profit laboratories, clinics, nursing homes, public health facilities, business and industry currently have positions open for qualified medical laboratory technicians.



MEDICAL LABORATORY TECHNOLOGY

CODE AAS.AH.MLT

First Semester			Third Semester		
BIO109	Anatomy and Physiology I	4	MLT202	Clinical Microbiology	4
MLT101	Introduction to Laboratory Medicine	1	MLT204	Immunohematology and Hemostasis	4
MLT102	Hematology and Urinalysis	4	MLT218	Immunology	3
MAT/CIS...	Mathematics/Computer Science Elective*	3	MLT264	Medical Laboratory Externship II	1
WRT101	English Composition I	3	CHM112	College Chemistry	4
WEX101	Dynamics of Health and Fitness	2			16
		17			
Second Semester			Fourth Semester		
BIO209	Anatomy and Physiology II	4	MLT207	Pathology and Clinical Correlations	3
MLT201	Clinical Microbiology I	4	MLT208	Laboratory Information Systems	1
MLT203	Clinical Chemistry	4	MLT266	Medical Laboratory Externship III	1
WRT201	English Composition II	3	CHM212	Organic and Biochemistry	4
WEX...	Dynamics of Health and Fitness Experience**	1	.....	Humanities Elective**	3
		16			12
Summer Session I			GRAND TOTAL = 69		
MLT206	Phlebotomy	1	Prerequisite for Program - Passing Score on CHM100 Challenge Examination or CHM100 Intro to Chemistry * Recommended: MAT130, MAT150, MAT155, or MAT180 ** General Education Elective - See college catalog Note: Students enrolled in this program ARE REQUIRED to successfully complete a course in basic algebra if indicated by the Basic Skills Placement Test.		
MLT263	Medical Laboratory Externship I	1			
		2			
Summer Session II					
.....	Humanities Elective**	3			
.....	Social Science Elective**	3			
		6			

PROGRAM NOTE: The Medical Laboratory Technology Program culminates when the student is awarded an Associate Degree in Applied Science. This degree is not contingent upon the student's passing any type of external certification or licensure examination.

MEDICAL LABORATORY TECHNOLOGY CURRICULUM

PREREQUISITES AND/OR COREQUISITES

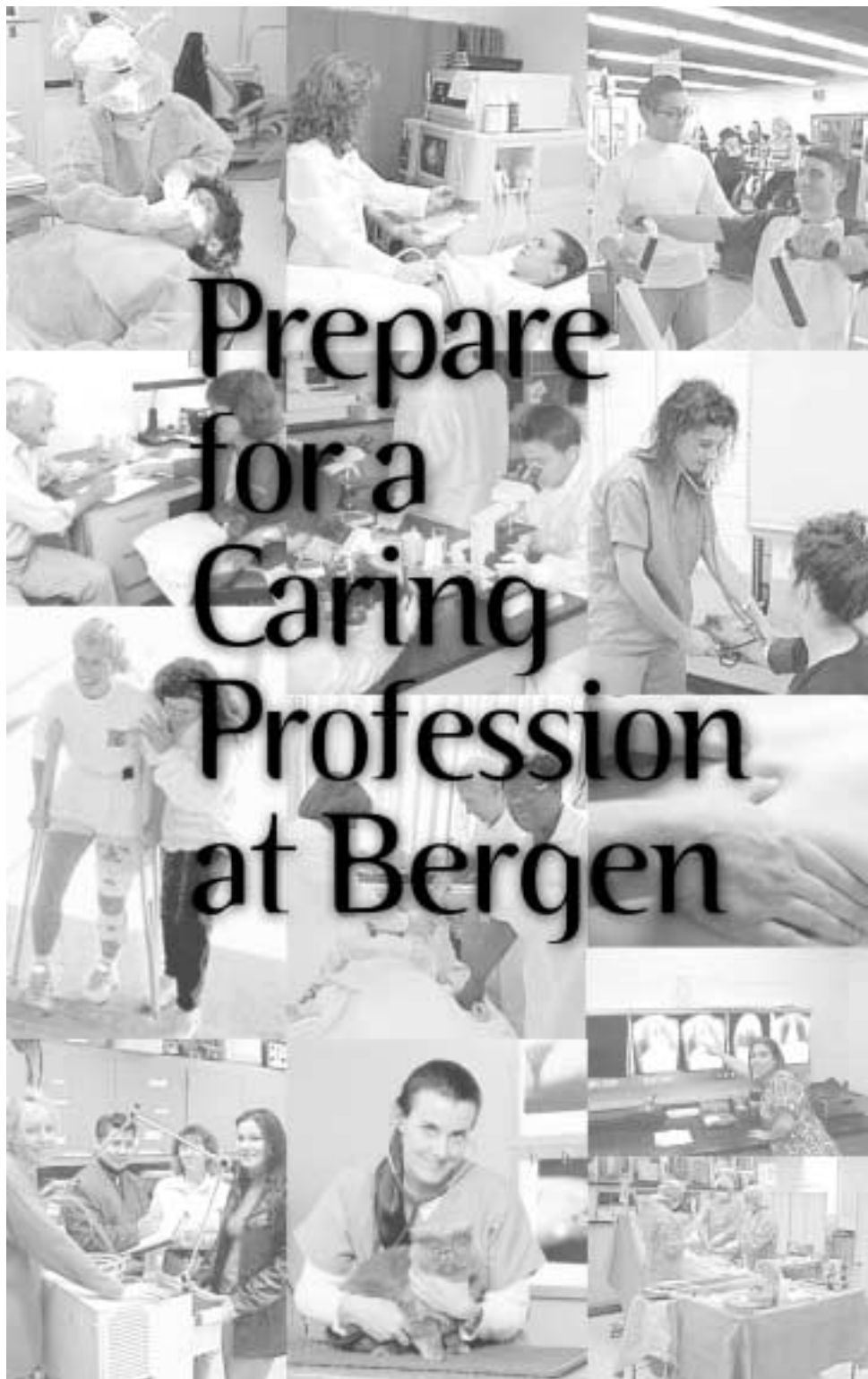
SEMESTER	NUMBER	MLT COURSE TITLE	PREREQUISITE COURSE(S)	COREQUISITE COURSE(S)
1st	MLT101	Intro to Lab Medicine	CHM100*	BIO109 MAT130, MAT150, MAT155, or MAT180; MLT102
1st	MLT102	Hematology & Urinalysis	CHM100*	BIO109 MAT130 or MAT150 or MAT155 or MAT180; MLT101
2nd	MLT201	Clinical Microbiology - I	MLT101 MLT102 MAT130 or MAT150 or MAT155 or MAT180; BIO109	MLT203 BIO209
2nd	ML203	Clinical Chemistry	BIO109 MLT101 MLT102 MAT130 or MAT150 or MAT155 or MAT180	MLT201 BIO209
SS1	MLT206	Phlebotomy	MLT201 MLT203 BIO209	MLT263
SS1	MLT263	Medical Laboratory Externship - I	MLT201 MLT203 BIO209	MLT206
3rd	MLT202	Clinical Microbiology - II	MLT201 MLT206 MLT263	MLT204 MLT218 MLT264 CHM112
3rd	MLT204	Immunohematology & Hemostasis	MLT206 MLT263	MLT202 MLT218 MLT264 CHM112
3rd	MLT218	Immunology	MLT206 MLT263	MLT202 MLT204 MLT264 CHM112
3rd	MLT264	Medical Lab Externship II	MLT206 MLT263	MLT202 MLT204 MLT218 CHM112
4th	MLT207	Pathology & Clinical Correlations	MLT202 MLT204 MLT218, MLT264 MLT264 CHM112	MLT208 MLT266 CHM212
4th	MLT208	Lab Info Systems	MLT202 MLT204 MLT218 MLT264 CHM112	MLT207 MLT266 CHM212
4th	MLT266	Medical Lab Externship III	MLT202 MLT204 MLT218 MLT264 CHM112	MLT207 MLT208 CHM212

*In addition, students must have completed all Basic Skills requirements.

Prerequisite: The student must have completed the specified course(s) with a passing grade before the student will be permitted to enroll in the MLT course.

Corequisite: The student must be enrolled in the specified course(s) at the same time he or she is enrolled in the MLT course or the student must have completed the specified course(s) with a passing grade before being permitted to enroll in the MLT course.

Prepare for a Caring Profession at Bergen



Medical Office Assistants Are Versatile Members of the Health-Care Delivery Team

Do you enjoy caring for people? Do you have good organizational skills and an interest in medicine? Would you like to work in a health-care facility? If so, you should consider enrolling in the Medical Office Assistant Program at Bergen Community College.

Medical office assistants are multi-skilled professionals who perform various administrative and clinical tasks in health-care settings, such as a physician's office, a hospital, or an emergency center. Medical assistants schedule appointments, conduct billings and collections, process insurance claims, and perform other administrative duties. Examples of their clinical responsi-

bilities include taking vital signs and electrocardiograms, performing lab tests, and assisting with minor surgery.

Employment as a medical assistant is one of today's fastest-growing occupations, spurred by technological advances in medicine and an aging population. To meet the growing demand for medical office assistants, BCC offers a Medical Office Assistant Associate Degree Program, which is accredited by the Commission on Accreditation of Allied Health Education Programs. In addition, the college has a one-year Medical Office Administrative Assistant Certification Program.



MEDICAL OFFICE ASSISTANT CODE AAS.AH.MOA

First Semester

BIO109	Anatomy & Physiology I	4
WEX101	Dynamics of Health & Fitness	2
MOA140	Medical Terminology	3
MOA141	Intro to Medical Assisting	3
OFF101	Keyboarding I	3
WRT101	English Composition I	3
		18

Second Semester

BIO209	Anatomy & Physiology II	4
WEX ...	Dynamics of Health & Fitness Experience*	1
MOA240	Clinical Office Practice	4
OFF240	Microsoft Word for Windows Comprehensive	3
WRT201	English Composition II	3
.....	Humanities Elective*	3
		18

Third Semester

WEX159	CPR & Emergency First Aid	3
MOA218	Medical Economics	2
MOA241	Clinical Lab Technology	4
MOA243	Clinical Externship I** (8-12 hrs per week)	1
OFF211	Medical Assistant Administrative Procedures I	3
.....	Humanities Elective*	3
		16

Fourth Semester

MOA200	Pharmacology for Medical Office Assistants	2
ACC104	Medical Accounting	3
MOA244	Clinical Externship II** (8-12 hrs per week)	1
MOA201	Diagnostic & Procedural Coding	4
OFF212	Medical Assistant Administrative Procedures II	3
PSY101	General Psychology	3
		16

* General Education Elective - See college catalog

** The student extern shall not receive any pay for the externship experience.

Note: Students enrolled in this program ARE REQUIRED to successfully complete a course in basic algebra if indicated by the Basic Skills Placement Test.

MEDICAL OFFICE ADMINISTRATIVE ASSISTANT CODE CERT.MOAA

First Semester

MOA140	Medical Terminology	3
MOA141	Intro to Medical Assisting	3
WRT101	English Composition I	3
OFF240	Microsoft Word for Windows Comprehensive*	3
MOA218	Medical Economics	2
OFF211	Medical Assistant Administrative Procedures I	3
		17

Second Semester

ACC104	Medical Accounting	3
MOA201	Diagnostic and Procedural Coding	4
OFF212	Medical Assistant Administrative Procedures II	3
PSY101	General Psychology	3
WEX159	CPR and Emergency First Aid	3
		16

* Applicants must complete keyboarding skills prior to registering for OFF240 either through credit-by-exam testing or taking OFF101 (Keyboarding I).

Note: Students enrolled in this program ARE NOT REQUIRED to successfully complete a course in basic algebra if indicated by the Basic Skills Placement Test.

An Associate Degree Nurse Is a Front-Line Manager of Individualized Patient Care

The Associate Degree Nurse (ADN) develops a plan for the care of each patient and then carries out the plan in cooperation with members of the nursing team, physicians, and other health-care professionals. The nursing team is responsible for providing patient care 24 hours a day, seven days a week.

The ADN learns to give nursing care, be a patient teacher, use effective communication, and manage patient care. The educational preparation of the ADN includes

the behavioral and natural sciences, as well as nursing. Then the ADN applies this learning on a weekly basis by going to a health-care agency for supervised clinical practice. Following graduation, the ADN takes the NCLEX-RN licensing examination.

The ADN is sought for employment in hospitals, clinics, and extended-care facilities. The ADN has unlimited potential for career development through both further education and professional opportunities.



ASSOCIATE DEGREE NURSE

DAY SESSION

CODE AAS.NURS.DAY

Fall Semester

BIO109	Anatomy & Physiology I	4
PSY101	General Psychology	3
WRT101	English Composition I	3
NUR181	Physical Assessment	1
NUR182	Pharmacology for Nurses	1
NUR183	Basic Concepts & Skills of Nursing	6
		<hr/> 18

Spring Semester

BIO209	Anatomy & Physiology II	4
PSY106	Developmental Psychology	3
WRT201	English Composition II	3
NUR281	Adult Health Nursing A	4
NUR282	Adult Health Nursing B	4
		<hr/> 18

Fall Semester

BIO104	Microbiology	4
SOC101	Sociology	3
WEX101	Dynamics of Health & Fitness	2
NUR284	Maternal-Child Health Nursing	5
NUR285	Mental Health Nursing	4
		<hr/> 18

Spring Semester

.....	Humanities Electives*	6
WEX...	Dynamics of Health & Fitness Experience*	1
NUR290	Adult Health Nursing C	4
NUR291	Adult Health Nursing D	4
		<hr/> 15

* General Education Elective - See college catalog
The day nursing program accepts students for the fall only.

The total number of credits required for the AAS degree is 69: 33 nursing credits and 36 general credits.

EVENING SESSION

CODE AAS.NURS.EVE

Spring Semester

BIO109	Anatomy & Physiology I*	4
PSY101	General Psychology*	3
WRT101	English Composition I*	3
		<hr/> 10

Summer Semester

WEX101	Dynamics of Health & Fitness*	2
SOC101	Sociology*	3
		<hr/> 5

Fall Semester

BIO209	Anatomy & Physiology II*	4
PSY106	Developmental Psychology*	3
WRT201	English Composition II*	3
		<hr/> 10

Spring Semester

NUR181	Physical Assessment	1
NUR182	Pharmacology for Nurses	1
NUR183	Basic Concepts & Skills of Nursing	6
		<hr/> 8

Summer Semester

WEX...	Dynamics of Health & Fitness Experience**	1
BIO104	Microbiology	4
		<hr/> 5

Fall Semester

NUR281	Adult Health Nursing A	4
NUR282	Adult Health Nursing B	4
		<hr/> 8

Spring Semester

NUR284	Maternal-Child Health Nursing	5
NUR285	Mental Health Nursing	4
		<hr/> 9

Summer Semester

.....	Humanities Electives**	6
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Fall Semester

NUR290	Adult Health Nursing C	4
NUR291	Adult Health Nursing D	4
		<hr/> 8

* Evening nursing applicants cannot be accepted until all general requisites (8 courses) have been completed. These courses are BIO109, BIO209, WRT101, WRT201, PSY101, PSY106, SOC101, and WEX101. The evening nursing program accepts students for the spring only.

** General Education Elective - See college catalog

Exit Examination: A nationally standardized examination will be given in the fourth level of the nursing curriculum. Only those students who achieve a passing score and have met all other degree requirements will be certified by the Director to take the NCLEX-RN. There is no fee for this test. There will be a fee for repeat exams.

Note: Students enrolled in this program ARE REQUIRED to successfully complete a course in basic algebra if indicated by the Basic Skills Placement Test.

Physical Therapist Assistants Are Educated and Skilled Health-Care Providers who Assist Licensed Physical Therapists

Physical therapy incorporates the use of exercise and modalities such as heat, traction, and sound in the treatment of physical disabilities, injuries, and diseases. The profession of physical therapy is growing and becoming widely recognized as a viable component in the rehabilitation of patients ranging from pediatrics to geriatrics.

Physical therapist assistants are health-care providers who assist licensed physical therapists in providing physical therapy services. Physical therapist assistants carry out treatment programs that have been designed by the physical therapist for the treatment and prevention of disabilities.



Students in the Physical Therapist Assistant Program gain valuable knowledge in anatomy and physiology, kinesiology, orthopedics, neurology, modalities, pediatrics, and general medical conditions. Students gain experience and competency in applying their knowledge of physical therapy treatments during clinical education practicums.

Graduates of the Physical Therapist Assistant Program will be awarded an Associate in Applied Science Degree and will be eligible to take the licensing examination. Physical therapist assistants work in a variety of clinical practice settings.

PHYSICAL THERAPIST ASSISTANT CODE AAS.AH.PTA

First Semester

BIO109	Anatomy and Physiology I	4
PHY185	Introduction to Physics	4
PTA101	Intro to Physical Therapist Assistant	3
PTA122	Physical Therapist Assistant Procedures I	6
		17

Second Semester

BIO209	Anatomy & Physiology II	4
WRT101	English Composition I	3
WEX101	Dynamics of Health & Fitness	2
PTA201	Kinesiology	4
PTA222	Physical Therapist Assistant Procedures II	5
		18

Summer Session I

PTA245	Disease and Impairment	3
		3

Third Semester

.....	Humanities Elective*	3
WEX...	Dynamics of Health & Fitness Experience*	1
WRT201	English Composition II	3
PTA223	Physical Therapist Assistant Procedures III	6
PTA231	Clinical Education I (16 lab x 14 wks)	2
PTA241	Clinical Seminar I	1
		16

Fourth Semester

.....	Humanities Elective*	3
PSY101	General Psychology	3
PTA224	Physical Therapist Assistant Procedures IV	5
PTA232	Clinical Education II (24 lab x 12 wks)	2
PTA242	Clinical Seminar II	1
		14

Summer Session II

PTA233	Clinical Education III (40 hrs/wk x 6 wks)	2
PTA243	Clinical Seminar III	1
		3

* General Education Elective - See college catalog.

** Admission to the Physical Therapist Assistant (PTA) Program is selective. Meeting the minimum program requirements does not guarantee admission. Additional criteria used to select individuals include overall GPA, science GPA, year biology or anatomy completed, experience (paid or volunteer) in a physical therapy setting or other allied health field, prior education, and letters of recommendation from physical therapist(s).

Students in the PTA Program are required to achieve a grade of "C" or better in Science courses and PTA courses.

Note: Students enrolled in this program ARE REQUIRED to successfully complete a course in basic algebra if indicated by the Basic Skills Placement Test.

Chiropractic: A Natural Approach to Health Care

The field of chiropractic, the second largest primary health-care profession, addresses the cause of a health problem, not just the symptoms. As a result, the profession takes a natural approach, avoiding drugs and surgery, while guiding patients in those areas that impact physical well-being such as diet, exercise, posture, and overall lifestyle.

The Associate in Science degree in pre-chiropractic provides the student with the courses required for applying to a Council on Chiropractic Education-accredited chiropractic school in the United States or Canada.



PRE-CHIROPRACTIC OPTION CODE AS.NSM.CHIR

First Semester

WEX101	Dynamics of Health & Fitness	2	
MAT180	Precalculus	4	
BIO101	General Biology I	4	
SPE111	Speech Communication	3	
WRT101	English Composition I	3	
		<hr style="width: 100%; border: 0.5px solid black;"/>	
		16	

Second Semester

MAT280	Calculus I	4	
WRT201	English Composition II	3	
BIO203	General Biology II	4	
.....	Humanities Elective*	3	
.....	Social Science Elective*†	3	
		<hr style="width: 100%; border: 0.5px solid black;"/>	
		17	

Third Semester

WEX...	Dynamics of Health & Fitness Experience*	1	
.....	Humanities Elective*	3	
CHM140	General Chemistry I	3	
CHM141	General Chemistry I Lab	1	
PHY186	General Physics I	4	
.....	Social Science Elective*†	3	
		<hr style="width: 100%; border: 0.5px solid black;"/>	
		15	

Fourth Semester

.....	Humanities Electives*	6	
CHM240	General Chemistry II	3	
CHM241	General Chemistry II Lab	1	
PHY286	General Physics II	4	
BIO103	The Human Body	4	
		<hr style="width: 100%; border: 0.5px solid black;"/>	
		18	

* General Education Elective - See college catalog

† Students must take PSY101 (General Psychology) to fulfill requirements of New York Chiropractic College.

Additional requirements for admission to New York Chiropractic College: CHM260, CHM262, Science Elective (BIO104 Microbiology is recommended) and two free electives (Wellness & Exercise Science is recommended).

A Radiographer Is the Right Arm of the Radiologist in Diagnostic Imaging

Radiographers work in a Radiology Department with a variety of X-ray equipment in the production of diagnostic radiographs. They assist the radiologist in fluoroscopic examinations, processing of films, and providing for the patient's comfort.

Today, radiography is one of the fastest growing fields in medical career advancement. Over the past 30 years, computerized tomography, diagnostic ultrasound, and magnetic imaging have become newer specialties along with radiation therapy, nuclear medicine, and special procedures. The diagnostic radiographer plays an important role in this rapidly growing medical field.

A graduate of the two-year Associate in Applied Science Degree Program is eligible for employment in hospitals; physicians' offices; public health agencies; and industrial, commercial, and medical clinics.

Upon graduation from this 2-year program, students take the National Certification Examination. Successful completion of this registry exam allows radiographers to use RT(R) after their name and to apply for state licensure. RT(R) stands for registered technologist (radiography).



RADIOGRAPHY • CODE AAS.AH.RAD

First Semester

BIO109	Anatomy & Physiology I	4
RAD180	Introduction to Radiography	2
RAD181	Radiography I	5
RAD182	Radiography Clinical I	1
WRT101	English Composition I	3
		<hr/>
		15

Second Semester

BIO209	Anatomy & Physiology II	4
RAD276	Radiographic Health & Protection	3
RAD281	Radiography II	4
RAD282	Radiography Clinical II	1
WRT201	English Composition II	3
		<hr/>
		15

Summer Session I

RAD283	Intermediate Radiography Clinical	2
	12 wks @ 32 hrs per wk (384 hrs)	

Third Semester

WEX101	Dynamics of Health & Fitness	2
RAD183	Radiographic Pathology	2
RAD184	Special Procedures & Imaging Modalities I	3
RAD280	Image Production & Evaluation	3
RAD285	Radiography III	4
RAD286	Radiologic Clinical III	1
.....	Humanities Elective*	3
		<hr/>
		18

Fourth Semester

WEX...	Dynamics of Health & Fitness Experience*	1
RAD275	Special Procedures & Imaging Modalities II	2
RAD288	Radiography IV	4
RAD289	Radiologic Clinical IV	2
.....	Humanities Elective*	3
.....	Social Science Elective*	3
		<hr/>
		15

Summer Session II

RAD290	Senior Student Seminar	3
	15 wks @ 32 hrs per wk (480 hrs)	

* General Education Elective - See college catalog

1,834 clinical hours are required for certification eligibility and all courses listed must be completed.

Note: Students enrolled in this program ARE REQUIRED to successfully complete a course in basic algebra if indicated by the Basic Skills Placement Test.

Respiratory Therapists Evaluate and Treat Patients with Breathing Disorders

Respiratory therapists perform various breathing treatments for a variety of breathing disorders. They draw and analyze blood samples to determine the effectiveness of the therapy.

Mechanical ventilators are being used with more regularity and require constant supervision by the respiratory therapist. Evaluations and periodic adjustments must be performed in order to achieve the best possible results.

Respiratory therapists work in all areas of the hospital, including the intensive care unit, the nursery, the emergency room, the operating room, and the clinic. Their job may also be in home care where the therapist travels to the residences of individuals who need respiratory therapy.

Upon graduation from this two-year Associate in Applied Science Degree Program, the graduate is eligible to take the examinations administered by the National Board of Respiratory Care.



RESPIRATORY THERAPY

CODE AAS.AH.RESP

First Semester			Third Semester		
BIO109	Anatomy & Physiology I	4	BIO104	Microbiology	4
MAT/CIS...	Mathematics/Computer Science Elective*†	3-4	RSP240	Diagnostic Monitoring & Patient Assessment	4
SPE111	Intro to Respiratory Therapy	4	RSP229	Mechanical Ventilation	4
RSP122	Clinical Externship I	2	RSP122	Clinical Medicine	3
RSP240	Pharmacology for Respiratory Therapists	2	RSP231	Clinical Externship IV 16 hrs/wk = 224 hrs	2
WRT101	English Composition I	3	WEX...	Dynamics of Health & Fitness Experience*	1
		18-19			18
Second Semester			Fourth Semester		
BIO209	Anatomy & Physiology II	4	RSP227	Management in Health Care	2
CHM112	College Chemistry	4	RSP241	Pediatric/Neonatal Respiratory Care	3
RSP225	Cardiopulmonary Anatomy & Physiology	4	RSP235	Clinical Externship V 16 hrs/wk = 224 hrs	2
RSP225	Clinical Externship II 16 hrs/wk = 224 hrs	2	.....	Humanities Electives*	6
WEX101	Dynamics of Health & Fitness	2	.....	Social Science Elective*	3
WRT201	English Composition II	3			16
		19			
Summer Session (Based on 6 wks)					
RSP226	Clinical Externship III 40 hrs/wk = 240 hrs	2			
		2			

* General Education Elective - See college catalog

† Recommended: MAT130, MAT150, MAT155, or MAT180

Note: Students enrolled in this program ARE REQUIRED to successfully complete a course in basic algebra if indicated by the Basic Skills Placement Test.

Surgical Technologists Are Skilled Members of the Operating Room Team

Surgical technologists learn the skills necessary to work as part of an operating room team in this 10-month certificate program. (Day and evening programs are available.) As “scrub technicians,” they prepare the aseptic environment, assemble instruments and equipment, and aid surgeons during the operation by passing instruments and sutures, holding retractors, and attending to all surgical case needs.

Students complete a supervised clinical externship in the operating room of an area hospital. They are taught specifically how to assist in surgical procedures and to function

in the operating room. The professional surgical technologist is a well-educated, highly skilled, and versatile individual. Surgical technologists must be able to perform under pressure as well as maintain a stable temperament and a strong sense of responsibility. Patience, concern for order, manual dexterity, and physical stamina are vital characteristics.

Job availability is excellent. Graduates are eligible to take a nationally administered written certifying examination granting the designation “certified surgical technologist.”



SURGICAL TECHNOLOGY CODE CERT.SURG

First Semester

BIO109	Anatomy & Physiology I	4
SUR101	Surgical Technology I	6
SUR102	Surgical Technology Externship I (2 days or 16 hrs/wk x 15 wks)	2
WRT101	English Composition I	3
SUR103	Surgical Terminology	1
SUR104	Microbiological Applications in Surgery	2
		18

Second Semester

BIO209	Anatomy & Physiology II	4
SUR201	Surgical Technology II	5
SUR202	Surgical Technology Externship II (3 days or 24 hrs/wk x 15 wks)	2
.....	General Education Elective*	3
		14

Summer Session

SUR203	Surgical Technology Externship III (4 wks @ 40 hrs wk = 160 hrs)	1
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* General Education Elective - See college catalog

Note: Students enrolled in this program ARE NOT REQUIRED to successfully complete a course in basic algebra if indicated by the Basic Skills Placement Test.

The Graduate Veterinary Technician is an Integral Member of the Veterinary Health-Care Team

The Veterinary Technology Program is an academically challenging two-year course of training with a strong emphasis on practical application, preparing the student for employment as a graduate veterinary technician (GVT). The GVT is an integral member of the veterinary health-care team, functioning primarily as a professional assistant to veterinarians, biomedical researchers, and other scientists. Veterinary technicians provide technical assistance in various disciplines, including radiology, anesthesia, surgical assisting, laboratory procedures, and animal nursing. They are also proficient in office management skills and client education.

Veterinary teams work with a variety of animals, including dogs and cats, farm animals, laboratory animals, and exotic pets. The program emphasizes the humane care and treatment of animal patients as well as the importance of veterinary medical ethics, effective human relations, and the psychology of dealing with patients and clients. An integral part of the program is the opportunity for additional practical experience while participating in an externship at a preapproved clinical facility.

As the complexity of veterinary medicine advances and the public demand for state-of-the-art care for their animals escalates, the veterinary technician will play an increasingly pivotal role in the delivery of superior health care for animals. The current demand for educated veterinary technicians to serve in a

variety of supervisory and technical specialty capacities exceeds the supply of personnel qualified to fill available positions. The career options for veterinary technicians are diverse and exciting! Graduates are well-trained in the skills and knowledge necessary for work in the areas of clinical nursing care of companion animals, laboratory animal nursing, emergency care, research, food inspection, zoological medicine, academic instruction, pharmaceutical sales, and government regulatory agencies. Alternatively, veterinary technicians may choose to work in specialty practices, wildlife rehabilitation centers, or in equine and food animal practices. Program graduates receive an Associate in Applied Science Degree in Veterinary Technology developed in accordance with the American Veterinary Medical Association accreditation guidelines.

Students interested in applying for the program should indicate it as their curriculum choice on the admissions application. These applications are tracked by the Program Coordinator and registered as Liberal Arts (General) until the students complete Basic Skills testing placements, program prerequisites, and all first semester courses in the Veterinary Technology curriculum. After completion, students need to petition the Program Coordinator for continuation to the curriculum's professional component. The curriculum of record of students selected into the program will be changed to Veterinary Technology.



VETERINARY TECHNOLOGY

CODE AAS.H.VET

First Semester

WRT101	English Composition I	3	
VET102	Intro to Veterinary Technology	1	
VET103	Veterinary Medical Terminology	1	
BIO115	Vertebrate Anatomy & Physiology I	4	
CHM112	College Chemistry	4	
WEX101	Dynamics of Health & Fitness	2	
		15	

Second Semester

WRT201	English Composition II	3	
VET110	Nutrition & Principles of Feeding	2	
VET112	Veterinary Pharmacology	3	
BIO215	Vertebrate Anatomy & Physiology II	4	
VET104	Research Animal Technology	3	
		15	

Summer I and II

BIO104	Microbiology	4	
.....	Humanities Elective*	3	
		7	

Third Semester

VET203	Veterinary Nursing I	3	
VET207	Diagnostic Imaging	3	
VET205	Clinical Laboratory Procedures I	3	
VET216	Veterinary Office Management	3	
.....	Humanities Elective*	3	
		15	

Fourth Semester

VET214	Veterinary Nursing II	3	
VET219	Surgical Assistance & Anesthesia	3	
VET217	Clinical Laboratory Procedures II	3	
VET218	Farm Animal Nursing	3	
.....	Social Science Elective*	3	
WEX...	Dynamics of Health & Fitness Experience*	1	
		16	

Summer I and II

VET220	Veterinary Technology Externship	2	
		2	

* General Education Elective - See college catalog

Note: Students enrolled in this program ARE REQUIRED to successfully complete a course in basic algebra if indicated by the Basic Skills Placement Test.



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COMMUNITY COLLEGE

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