Beginning in Spring 2013, new students will be accepted into the following certificate programs:

Animal Care and Management
Assistant of Children with Special Needs
Bilingual Early Childhood Assistant
   Early Childhood Assistant
   Licensed Practical Nursing
ANIMAL CARE AND MANAGEMENT CERTIFICATE PROGRAM  
Program Director: Dr. Chris Robinson  

Beginning in Spring 2013, new students will be accepted into this program.  

The purpose of the Certificate Program in Animal Care and Management is to provide access to a career path in the veterinary care of primarily domesticated animals. To accomplish this, partnerships have been established between Bronx Community College and various veterinary clinics and animal hospitals in New York City to enable students to intern at those sites. In preparation for the internship, students in the Animal Care and Management Program will learn techniques for working in a veterinary clinic, including how to properly use and care for the instruments in a laboratory, particularly sterilization techniques, and how to analyze blood and urine samples. As a veterinary assistant, students support veterinarians in their daily tasks, including the restraining and handling of animals, feeding and exercising them, examining them for signs of illness, disease, or injury, cleaning and disinfecting cages and work areas, and sterilizing laboratory and surgical equipment.  

This intensive, hands-on program provides BCC students with the technical skills and experience necessary to be competitive in obtaining veterinary assistant jobs in animal hospitals, animal control facilities, veterinary clinics, pet stores and animal rescue facilities. This curriculum also provides a foundation for those who would like to continue their education for an A.S. or B.S. as a veterinary technician or a D.V.M. as a veterinarian. The Certificate Program also fully articulates with Mercy College’s B.S. in Veterinary Technology. A copy of the articulation agreement may be found on the BCC Transfer Planning website.  

Animal Care and Management Curriculum  
30 Credits required for Certificate  

Core Requirements:  
- ENG 10 Fundamentals of Composition & Rhetoric OR  
  ENG 11 Composition and Rhetoric I ..............................................................3  
- CMS 11 Fundamentals of Interpersonal Communication ........................................3  
- MTH 12 Introduction to Mathematical Thought OR  
  MTH 21 Survey of Mathematics I ..........................................................3  
- PSY 11 Introduction to Psychology OR  
  SOC 11 Sociology ..................................................................................3  
- BIO 11 General Biology I ........................................................................4  

Total 16  

Required Areas of Study:  
- BIO 15 Zoology ..........................................................................................4  
- DAT 33 Microcomputer Applications .........................................................2  

Total 6  

Specialization:  
- BIO 47 Clinical Techniques for Medical Personnel II ..................................2
■ ACM 90 Animal Care and Management Internship...........................................................6
Total 8
ASSISTANT OF CHILDREN WITH SPECIAL NEEDS CERTIFICATE PROGRAM

Beginning in Spring 2013, new students will be accepted into this program.

This program prepares students to meet the requirements leading to a Child Development Associate (CDA) credential in an infant-toddler or childcare development setting. This certificate program responds to the current demand for trained practitioners at learning centers and public schools that serve children who have special needs. The population served includes children with behavior management needs, limited mobility, physical impairments, diagnosed learning disabilities, and/or children waiting for a very restrictive service. BCC students will learn the characteristics and needs of children with special needs in order to provide age-appropriate strategies in all aspects of their work with these children. Students will acquire skills in designing and planning activities that are developmentally appropriate experiences for children with special needs. Upon successful completion of the program, students will be able to continue their studies in Bronx Community College’s Education Associate A.A.S. Degree Program, and all of the certificate course credits will be accepted for this A.A.S. degree.

Certificate for Assistant of Children with Special Needs: 30 Credits Required

Semester I
- PSY 11 Introduction to Psychology .................................................................3
- ENG 10 Fundamentals of Composition & Rhetoric OR
  ENG 11 Composition and Rhetoric I.................................................................3
- HLT 91 Critical Issues in Health .....................................................................2
- EDU 10 Child Study - Birth to Grade 6 .........................................................3
- EDU 30 Introduction to Special Needs, Schools and Society .......................3
- Free Elective ....................................................................................................1
Total 15

Semester II
- CMS 11 Fundamentals of Interpersonal Communication .............................3
- PSY 41 Psychology of Infancy and Childhood ..............................................3
- EDU 26 Human Relations in Urban Schools ................................................3
- EDU 31 Introduction to Learning Disabilities and Inclusive Education .......3
- EDU 40 Field Work Seminar ........................................................................3
Total 15
BILINGUAL EARLY CHILDHOOD ASSISTANT CERTIFICATE PROGRAM

Beginning in Spring 2013, new students will be accepted into this program.

The Bilingual Early Childhood Assistant Certificate Program prepares students to meet the requirements leading to a Bilingual Specialization of the Child Development Associate (CDA) credential issued by the national credentialing agency (the Council for Early Childhood Professional Recognition). This certificate program responds to the current demand for trained practitioners at bilingual early childhood learning centers that is due to the increasing number of non-English speaking families using these centers. Students enrolled in this program will acquire skills in planning and designing activities that are developmentally appropriate learning experiences for young children learning a second language. Upon successful completion of the program students will be able to continue their studies in Bronx Community College’s Education Associate A.A.S. Degree Program, and all of the certificate course credits will be accepted for this A.A.S. degree.

Bilingual Early Childhood Certificate Program: 30 Credits Required

Semester I

- PSY 11 Introduction to Psychology ...............................................................3
- ENG 10 Fundamentals of Composition & Rhetoric OR
  ENG 11 Composition and Rhetoric I ..............................................................3
- HLT 91 Critical Issues in Health ..................................................................2
- EDU 10 Child Study–Birth to Grade 6 .........................................................3
- EDU 16 Literacy in Early Childhood Education .........................................3
- Free Elective ...............................................................................................1
Total 15

Semester II

- CMS 11 Fundamentals of Interpersonal Communication ..........................3
- PSY 41 Psychology of Infancy and Childhood ..........................................3
- EDU 18 Literacy in a Spanish Bilingual Program ....................................3
- EDU 26 Human Relations in Urban Schools .............................................3
- EDU 40 Field Work Seminar .....................................................................3
Total 15
EARLY CHILDHOOD ASSISTANT CERTIFICATE PROGRAM

Beginning in Spring 2013, new students will be accepted into this program.

The Early Childhood Assistant Certificate Program prepares students to meet the requirements established by the national credentialing agency, the Council for Early Childhood Professional Recognition, which leads to the Child Development Associate (CDA) credential in a center based infant/toddler setting or a family care setting. This certificate program responds to the current need for trained practitioners in infant through early childhood learning centers due to the increased demand for childcare among a growing number of families. It provides the educational foundation for a person who seeks to become a home childcare provider. Upon successful completion of the Early Childhood Care Assistant Certificate Program, students will be able to continue their studies in Bronx Community College’s Education Associate A.A.S. Degree Program, and all of the certificate course credits will be accepted for this A.A.S. degree.

Early Childhood Assistant Certificate Program: 30 Credits Required

Semester I

- PSY 11 Introduction to Psychology .................................................................3
- ENG 10 Fundamentals of Composition & Rhetoric OR
  ENG 11 Composition and Rhetoric I..............................................................3
- HLT 91 Critical Issues in Health..................................................................2
- EDU 10 Child Study – Birth to Grade 6.......................................................3
- EDU 24 Child Care Seminar I.................................................................3
- Free Elective ........................................................................1
Total 15

Semester II

- CMS 11 Fundamentals of Interpersonal Communication..........................3
- PSY 41 Psychology of Infancy and Childhood........................................3
- EDU 25 Child Care Seminar II ...............................................................3
- EDU 26 Human Relations in Urban Schools ...........................................3
- EDU 40 Field Work Seminar .................................................................3
Total 15
LICENSED PRACTICAL NURSING CERTIFICATE PROGRAM

Director: Prof. Ellen Hoist, M.S., R.N.

Beginning in Spring 2013, new students will be accepted into this program.

The Licensed Practical Nursing Program (LPNP), a program within the Department of Nursing and Allied Health Sciences, is an evening and weekend 56-credit certificate program with 22 transferable Nursing credits to the RN program at BCC. Upon successful completion of the required coursework, students are eligible to sit for the New York State National Council Licensure Examination for Practical Nurses (NCLEXPN).

Note: The College has been certified by the New York State Education Department to offer instruction (included within the LPN curriculum) leading to New York State Nurse Aide Certification. Students are eligible to take the Nurse Aide Competency Examination after completion of the first semester courses of the LPN curriculum upon request.

To be eligible for admission into practical nursing course work (PNR designated courses), students must:

- Have achieved a passing score on both the CUNY/ACT Reading and Writing Skills Assessment Tests.
- Score a 35/40 on M1 and M2 of the Math COMPASS.
- Have a cumulative GPA of 2.5, with a minimum grade of C or better in the pre-clinical sequence (CMS 11, ENG 10 or 11, PSY 11). If a student has earned a passing grade of C-, D+, D, D-, or a failing grade of F or WU in CMS 11, ENG 10 or 11 or PSY 11, the student will not be eligible for admission into the Licensed Practical Nursing Program (LPNP) even if she/he retakes the course. A C+ or better is required in BIO 23. BIO 23 may be repeated once to achieve a grade of C+ or better. This policy also applies to students who transfer into BCC’s LPN program from other institutions.
- Complete all remediation courses per CUNY policy.

Further requirements include a total composite score within the 35th - 40th percentiles, and a score within the 35th - 40th percentile on science, math and verbal ability components on the National League for Nurses (NLN) Pre-entrance Exam for PN Programs. Admission to the Licensed Practical Nursing Program is very competitive and priority is given to students with the highest GPA.

While in the program, students must maintain a grade of “C” in all supporting course work (BIO 24, BIO 28, NTR 11, PHM 11). Students may repeat each supporting course with a grade of “C-” or less once in order to achieve a “C” grade.

Biology courses older than 7 years must be repeated.

Note: All PNR courses required for graduation must be taken within 3 years from the date of admission to the program. Practical Nursing (PN) students may not repeat any first semester PNR course (PNR 11, PNR 12, PNR 13) in which they earned less than a grade of “C.” A PN student with a grade of C- or less may repeat two different PNR courses and then must obtain a
minimum grade of C+ or better on the second attempt of the repeated course to remain in the program. Upon satisfactory completion of the PNR course sequence and all supporting course work, a PN student is certified as eligible to apply for graduation after obtaining a score of 85% or higher on the comprehensive medication dosage calculation examination given at the conclusion of PNR 41. Candidates are given two attempts to meet this exit requirement. Failure to obtain a score of 85% after two attempts will result in the failure of PNR 41.

Students must provide documentation for one of the following categories:
2. Permanent Residency.
3. International Student with F1 Status.

In addition to College tuition costs the student is required to:
1. Be medically cleared through the College's Health Services Office.
2. Have completed Basic Cardiac Life Support (BCLS).
3. Purchase malpractice insurance through the College.
4. Be prepared to pay the cost for taking competency exams at the end of each clinical semester and the cost of the New York State Board NCLEX-PN Examination at the completion of the program.

Some courses are offered online, as distance learning courses. Computer access is available for student use on campus.

Clinical Note: As a policy of the clinical facility, nursing students may be subject to substance abuse screening and criminal background checks in order to practice in certain clinical agencies.

Licensed Practical Nursing
Certificate Program: 56 Credits Required

Pre-Clinical Sequence
- ENG 10 Fundamentals of Composition and Rhetoric OR
  ENG 11 Composition and Rhetoric I ................................................................. 3
- CMS 11 Fundamentals of Interpersonal Communication ............................. 3
- PSY 11 Introduction to Psychology .............................................................. 3
- BIO 23 Human Anatomy & Physiology ...................................................... 4
Total 13

First Semester
- PNR 11 Nursing Skills I ............................................................................... 2
- PNR 12 Mental Health Concepts ................................................................. 2
- PNR 13 Practical Nursing Arts ................................................................. 4
- BIO 24 Human Anatomy & Physiology II .................................................. 4
■ NTR 11 Nutrition in Physical and Emotional Disorders ......................................................... 3
Total 15

Second Semester
■ PNR 21 Nursing Skills II ........................................................................................................ 1
■ PNR 22 Medical Surgical Nursing I ..................................................................................... 4
■ PHM 11 Pharmacology as Applies to Health Sciences ...................................................... 3
■ BIO 28 Microbiology and Infection Control ....................................................................... 4
Total 12

Summer Session
■ PNR 31 Medical Surgical Nursing II .................................................................................... 4
Total 4

Third Semester
■ PNR 41 Nursing Skills III .................................................................................................... 1
■ PNR 42 Psychiatric Nursing ................................................................................................. 2
■ PNR 43 Pediatric Nursing .................................................................................................... 4
■ PNR 44 Maternal Child Nursing .......................................................................................... 4
■ PNR 45 Vocational Adjustment & Leadership ...................................................................... 1
Total 12