



BRONX COMMUNITY COLLEGE OF THE CITY UNIVERSITY OF NEW YORK

ARTICULATION AGREEMENT FORM

A. SENDING AND RECEIVING INSTITUTIONS

Sending College: **Bronx Community College of the City University of New York**

Department: Biology & Medical Lab Technology

Program: Medical Laboratory Technology

Degree: Associate in Applied Science

Receiving College: **York College of the City University of New York**

Department: Health Professions

Program: Medical Technology

Degree: Bachelor of Science

B. ADMISSION REQUIREMENTS FOR SENIOR COLLEGE PROGRAM (e.g., minimum GPA, audition/portfolio):

About Medical Technology

Medical Technology is the branch of medicine concerned with the performance of laboratory test procedures and analyses used in the diagnosis, treatment, and prognosis of disease, and the maintenance of health. With modern equipment and techniques, laboratory-trained personnel are able to provide medical data that the physician can use in assessing the clinical condition of the patient, allowing diagnosis to be more easily made and prognoses more readily obtained.

Today, with the advent of and the accent on preventive medicine and extended health care delivery systems such as Health Maintenance Organizations (HMO) and Health service Areas (H.S.A.), the clinical laboratory is playing a greater role in maintaining the health of communities than ever before. The program can also serve as a motivating factor to some students who may seek graduate studies or work in hospital research laboratories.

Admission in the Medical Technology Program

To be eligible for admission, students require:

- Junior Standing
- Overall GPA of at least 2.3
- Any course with a grade of "D" or less must be repeated to earn a passing grade of "C", limited to one opportunity.
- Successful completion of the following courses: Biology 201, 202; Chemistry 101, 102, 230(or 231) 235(or 232) and 241; Mathematics 121 or 184; Physics 151

Retention in the Medical Technology Program

To be retained in the program students must:

- Earn a minimum grade of "C" in each Medical Technology course.
- No Medical Technology course may be taken more than twice.
- Maintain a GPA of at least 2.3 in Medical Technology courses and overall.
- Complete all degree requirements within four years of the date of admission to the upper division and clinical portion of the Medical Technology program.

Associate in Applied Sciences Degree from Bronx Community College.

Bronx Community College graduates with the Associate Degree in Medical Laboratory Technology will receive 66 credits toward the Bachelor of Science in Medical Technology at York College.

Total transfer credits granted toward the baccalaureate degree: 66

Total additional credits required at the senior college to complete baccalaureate degree: 58-69

C. COURSE TO COURSE EQUIVALENCIES AND TRANSFER CREDIT AWARDED

Sending College		Receiving College Equivalent (Or Other Evaluation)		Transfer Credit Granted
Core Requirements				
Course & Title	Credit	Course & Title	Credit	
ENG 10 Written Composition and Skills or ENG 11 Fundamentals of Written Composition I	3	ENG 125 Introduction to College Writing	3	3
CMS 11 Fundamentals of Interpersonal Communication	3	SPCH 101 Oral Communication in Contemporary Society	3	3
HIS 10 History of the Modern World Or HIS 11 Introduction to the Modern World	3	HIST 100 History of the Modern World Since 1815	3	3
MTH 13 Trigonometry and College Algebra <i>Students must also complete MTH 14 to receive credit for York's MAT 120</i>	3	MAT 120 Pre-Calculus <i>Students only receive credit for MAT 120 once, if they have completed MTH 13 & 14</i>		3
BIO 11 General Biology I	4	BIO 201 Biological Principles I	4	4
			Subtotal	16

Required Areas of Study				
[Sending College] Course & Title	Credit	[Receiving College] Course & Title	Credit	Transfer Credit Granted
ART 10 Art Survey or MUS 10 Music Survey	1	FA 104 Introduction to Fine Arts MUS 101 Introduction to Music	3	1
BIO 12 General Biology II	4	BIO 202 Biological Principles II	4	4
CHM 17 Fundamentals of General Chemistry I	4	CHEM 101 Chemical Principles I	5	4
CHM 18 Fundamentals of General Chemistry II	4	CHEM 102 Chemical Principles II	5	4
MTH 14 College Algebra & Introduction to Calculus <i>Students must also complete MTH 13 to receive credit for York's MAT 120</i>	3	MAT 120 Pre-Calculus <i>Students only receive credit for MAT 120 once, if they have completed MTH 13 & 14</i>	4	3
PSY 11 Psychology or SOC 11 Sociology	3	PSY 102 Introductory Psychology SOC 101 Introductory Sociology	3	3
			Subtotal	19

Specialization Requirements				
[Sending College] Course & Title	Credit	[Receiving College] Course & Title	Credit	Transfer Credit Granted
BIO 43 Microbiology	4	BIO 465 Microbiology	4.5	4
BIO 44 Diagnostic Microbiology	4	HPMT 356 Microbiology & Immunology	2	4
BIO 52 Immunology*	4	BIO 466 Immunology	4.5	4
BIO 81 Introduction to Medical Laboratory Technology	4	HPGC 101 Basic Concepts of Health Professions	2	4
BIO 82 Clinical Hematology & Coagulation	4	HPMT 352 Hematology and Coagulation	4	4
BIO 83 Clinical Chemistry	4	HPMT 351 Clinical Chemistry	3	4
BIO 84 Clinical Instrumentation	3	CHEM 241 Instrumental Method of Analysis	3	3
BIO 90 Clinical Internship	4	HPMT 457 Clinical Internship	9	4
For those entering BCC before Fall 2001				
*BIO 23, 24 (8cr.) would be transferred instead of BIO 11, 12 to satisfy HPMT 330				
*BIO 85, 86 (2, 4 cr.) would be transferred instead of BIO 52 to satisfy HPMT 341 and 343				
			Subtotal	31
			TOTAL	66

D. SENIOR COLLEGE UPPER DIVISION COURSES REMAINING FOR BACCALAUREATE DEGREE

WRITING	Credits
<i>Select one from the following courses:</i> WRIT 302 Research and Writing for the Sciences WRIT 303 Research and Writing for Professional Programs	3
MATHEMATICS	Credits
<i>Select one from the following courses:</i> MATH 121 Analytical Geometry and Calculus I MATH 184 Analytical Geometry and Calculus I	4
GENERAL EDUCATION COURSES	Credits
NOTE: Transfer students must take one Writing Intensive in the upper division within the major discipline. If their major has no upper-division writing intensive course, students must take one writing intensive course, outside their major, chosen in consultation with their major advisor. Recommended Courses: <ul style="list-style-type: none"> ▪ ENG 200 Understanding Literature ▪ BEHAVIORAL SCIENCE <i>Select one from the following courses:</i> AAS 101 Introduction to African-American Studies AAS 172 Introduction to Africa ANT 101 Introduction to Cultural Anthropology ANT 103 Introduction to Physical Anthropology ECO 101 Elementary Economic Analysis I ECO 102 Elementary Economic Analysis II POL 101 Introduction to Politics POL 103 Politics and Government in the United States PSYC 110 The Psychology of Personal Awareness ▪ FOREIGN LANGUAGE ▪ CULTURAL DIVERSITY ▪ ORGANIC CHEMISTRY 233, and 234 (<i>Students completing the clinical internship are advised to complete this course</i>) 	14

MAJOR DISCIPLINE REQUIREMENTS	Credits
CHEM 230 Organic or CHEM 231 Organic	3
CHEM 232 Organic Lab or CHEM 235 Organic Lab	2
CHEM 237 Toxicology	3
PHYS 151 University Physics I	5
Required Medical Technology Courses	Credits
HPMT 351 Clinical Chemistry Techniques	3
HPMT 330 Human Anatomy and Physiology for Medical Technologists	3
HPMT 332 Tissue Techniques	2
HPMT 341 Clinical Immuno-Serology Techniques	1
HPMT 343 Immuno-Hematology and Blood Banking	3
HPMT 353 Medical Parasitology	3
Field Study Internship Requirement	Credits
HPMT 458 Clinical Internship (9cr.) or Non-Field Study 10 credits required from Group A. Select at least 10 Credits from Group B. <u>Group A</u> CHEM 233 Organic II (3cr.) CHEM 234 Organic Lab II (2cr.) PHYS 152 General Physics II (5cr.) <i>Co requisite: MATH 121</i> <u>Group B</u> BIO 307 Biostatistics (3 cr.) BIO 334 Comparative Physiology (4.5 cr.) BIO 344 Molecular & General Genetics (4cr.) BIO 412 Biochemistry (3 cr.) HPGC Principles of Epidemiology (3 cr.)	9 20
TOTAL:	58-69

E. Articulation Agreement Follow-Up Procedures

1. Procedures for reviewing, up-dating, modifying or terminating agreement:

Bronx Community College Medical Laboratory Technology Curriculum Coordinator, Dr. Kathleen Pavletich (or successor), and York College Medical Technology Program Coordinator, Professor Peter Jackson (or successor), will review implementation of the agreement every two years to ensure that students are adequately informed of the program and to identify issues requiring attention.

2. Procedures for evaluating agreement, e.g., tracking the number of students who transfer under the articulation agreement and their success:

After transfer into the York College Medical Technology major, the performance of Bronx Community College students will be tracked using the CUNY Institutional Research Data Base. The York College Office of Sponsored Research will inform BCC about the academic progress of transfer students. Additionally, these students will be surveyed after graduation from York College to determine educational and occupational experience and success, and York College will share this information with BCC.

The York College Medical Technology major provides advisement to all students entering the major.

3. Sending and receiving college procedures for publicizing agreement, e.g., college catalogs, transfer advisers, Websites, etc.:

Notice of articulation will be placed in the respective catalogues, recruiting brochures, websites, and on the CUNY TIPPS website.

Respective transfer and academic advisers will be informed and provided with copies of this agreement.

The York Department of Health Professions will coordinate efforts with York's Admissions Office to make certain that materials are sent with recruitment officers for BCC's annual Transfer Day event.

F. Additional Information

Effective Date: September 1, 2006

Dr. George Sanchez, Vice President of
Academic Affairs
Name of Sending College Chief Academic
Officer

Dr. Linda Barley, Acting Vice President of
Academic Affairs
Name of Receiving College Chief Academic Officer

Signature of Sending College Chief Academic
Officer

Signature of Receiving College Chief Academic
Officer

Dr. Kathleen Pavletich, Medical Laboratory
Technology Curriculum Coordinator
Name of Sending College Curriculum
Coordinator

Dr. Robert Brugna, Health Professions Department
Chairperson
Name of Receiving College Department Chairperson

Signature of Sending College Department
Chairperson

Signature of Receiving College Department
Chairperson