

ARTICULATION AGREEMENT
between
Mercer County Community College,
(Associate in Science in Chemistry)
and
John Jay College of Criminal Justice,
City University of New York
(Bachelor of Science in Forensic Science)

PROVISIONS:

1. To be admitted to John Jay College under the terms of this agreement a Mercer County Community College transfer student must satisfy the requirements for the Associate in Science (A.S.) in Chemistry described in this document. Only after receiving his or her diploma from Mercer County CC may the student enroll at John Jay with junior status.
2. John Jay College requires transfers to have a minimum cumulative grade point average (GPA) of 2.5 in math and science coursework.
3. John Jay College will accept up to sixty-eight (68) semester hours of academic credit toward fulfillment of the bachelor's degree.
4. Courses are considered individually and only those courses for which the student has received a grade of "C" or better are transferable.
5. Transfers from Mercer County Community College will be eligible for appropriate scholarship opportunities at John Jay College.
6. This agreement shall remain in effect until modified by mutual consent or altered one year after receipt of written intention by either party.

Patricia C. Donohue
President, Mercer County
Community College, N.J.

Date:_____

Jeremy Travis
President, John Jay College
of Criminal Justice, C.U.N.Y.

Date:_____

Coursework required at John Jay

General Education Requirements			
<u>John Jay course</u>	Cr	<u>Mercer County CC Equivalent</u>	Cr
Foreign Languages (<i>Unless exempt</i>)	6		
History 203, 204, or 205*	3		
LIT 230, 231, 232, or 233	3		
Ethnic Studies 123, 124, or 125	3		
(sub-total)	15		
Remaining Core Requirements in Major			
<u>John Jay Course</u>	Cr	<u>Mercer County CC Equivalent</u>	Cr
<i>Track of choice (choose one):</i>	14		
<ul style="list-style-type: none"> • Criminalistics Track • Toxicology Track • Molecular Biology Track <i>(Each track includes senior year internship requirement, as well as track-specific coursework)</i>			
LAW 202 Law and Evidence	3		
MAT 301 Probability and Statistics	3		
CHE 220 Quantitative Analysis	4		
CHE 302 Physical Chemistry II	3		
CHE 315 Biochemistry	4		
CHE 320 Instrumental Analysis I	3		
CHE 321 Instrumental Analysis II	3		
(sub-total)	37		
Electives			

* If exempt, then 6 credits Liberal Arts and Sciences

**Choice of History course at John Jay should not be effectively duplicative of history taken at MCCC.

*** Quantitative Analysis, CHE220 is a prerequisite for Instrumental Analysis I, CHE320, therefore students are encouraged to take CHE220 the summer before their junior year.

	(Subtotal)
John Jay General Education Requirements	(15)
Remaining Core Requirements in Major	(37)
John Jay Electives	

Total Credits to be earned at John Jay College: 52

Total Credits to be earned at Mercer County CC: 68

Total Credits required for B.S. degree: 120

Associate Degree in Chemistry from Mercer County CC
(Sample semester-by-semester sequence)

Mercer County CC	Cr	John Jay	Cr
<i><u>First Semester</u></i>			
ENG 101 English Composition I	3	ENG 101 Composition I	3
CHE 101 General Chemistry	4	CHE 103 General Chemistry I	4
(Choose one):			
• CMN 111 Speech: Human Communication	3	SPE 113 Speech Communication	3
• CMN 112 Public Speaking			
MAT 146 Pre-Calculus	4	MAT 141 Pre-Calculus	3+1
HPE 110 Concepts of Health & Fitness	2	Physical Education Elective	2
(subtotal)	16	(subtotal)	16
<i><u>Second Semester</u></i>			
ENG 102 English Composition II	3	ENG 201 Composition II	3
MAT 151 Calculus I	4	MAT 241	3+1
CHE 102 General Chemistry II	4	CHE 104 General Chemistry II	3+1
BIO 101 Biology I	4	BIO 103 Modern Biology I	3+1
Social Sciences Gen Ed course	3	Social Sciences Gen Ed course	3
(subtotal)	18	(subtotal)	18
<i><u>Third Semester</u></i>			
CHE 201 Organic Chemistry I	5	CHE 201 Organic Chemistry I	4+1
BIO 102 Biology II	4	BIO104 Modern Biology II	3+1
Humanities Elective (Literature or Philosophy)	3	PHI 231 Knowing, Being, and Doing	3
PHY108 University Physics I	3	University Physics I	3
(subtotal)	15	(subtotal)	15
<i><u>Fourth Semester</u></i>			
CHE 202 Organic Chemistry II	5	CHE 202 Organic Chemistry II	4+1
MAT 152 Calculus II	4	MAT 242	3+1
PHY217 University Physics II-Technical Elective	4	Natural Science Elective-University Physics II	4
General Education Elective	3	History 231 or 232	3
(subtotal)	16	(subtotal)	16
Total	68		68

Course-to-course Equivalencies & Transfer Credits
(By curricular category)

Mercer County Community College		John Jay College		
Course # & Title	Cr	Course # & Title		
General Education Skills Courses				
ENG 101 English Composition I	3	ENG 101 Composition I	3	3
ENG 102 English Composition II	3	ENG 201 Composition II	3	3
(Choose one): • CMN 111 Speech: Human Communication • CMN 112 Public Speaking	3	SPE 113 Speech Communication	3	3
MAT 146 Pre-Calculus	4	MAT 141 Pre-Calculus	3+1	4
MAT 151	4	MAT 241	3+1	4
		Sub-total		17
General Education Core Requirements				
Humanities Elective (Literature or Philosophy)	3	LIT Gen Ed blanket credit <i>or</i> PHI Gen Ed blanket credit	3	3
HIS 101, HIS 102, HIS 112 or HIS 113 (Gen Ed Elective)	3	Satisfies 3 credits of JJC's General Education Requirement in History	3	3
		Sub-total		6
General Education Distribution Requirements				
<i>Social Sciences (choose one)</i> ECO 103 POL 101 <i>or</i> PSY 101 <i>or</i> SOC 101 <i>or</i> ANT101	3	ECO 101 POL 101 PSY 101 SOC 101 ANT 101	3	3
<i>Natural Sciences</i> • CHE 101 General Chemistry • Technical Elective	4 4	• CHE 103 General Chemistry I • Natural Sciences Elective	4 4	8
<i>Physical Education</i> HPE 110 Concepts of Health & Fitness	2	Physical Education Elective	2	2
		Sub-total		13
Chemistry Major				
CHE 102 General Chemistry II	4	CHE 104 General Chemistry II	3+1	4
CHE 201 Organic Chemistry I	5	CHE 201 Organic Chemistry I	4+1	5
CHE 202 Organic Chemistry II	5	CHE 202 Organic Chemistry II	4+1	5
MAT 152	4	MAT 242	3+1	4
PHY 108 University Physics I	3	PHY 203 General Physics	3	3
PHY 217 University Physics II	4	PHY 204 General Physics II	3	3
BIO 101 Biology I	4	BIO 103	3 +1	4
BIO 102 Biology II	4	BIO 104	3 +1	4
		Sub-total		32
		Total		68