

ARTICULATION AGREEMENT BETWEEN

SUNY WESTCHESTER COMMUNITY COLLEGE AND LEHMAN COLLEGE – CITY UNIVERSITY OF NEW YORK

A. SENDING AND RECEIVING INSTITUTIONS

Sending College: SUNY Westchester Community College

Department: Natural and Health Science

Program: Liberal Arts and Sciences/Mathematics and Science

Degree: Liberal Arts and Science: Mathematics/Science AS

Receiving College: Herbert H. Lehman College of the City University of New York

Department: Math and Computer Science

Program: Mathematics

Degree: Bachelor of Science, Mathematics

Department: Physics and Astronomy

Program: Physics 36-credit major

Degree: Bachelor of Arts, Physics

Department: Physics and Astronomy

Program: Physics 54-credit major

Degree: Bachelor of Science, Physics

B. ADMISSION REQUIREMENTS FOR SENIOR COLLEGE PROGRAM

(e.g., minimum GPA, audition/portfolio):

Associate in Science Degree from Westchester Community College

Westchester Community College graduates with the Associate Degree in Liberal Arts and Sciences/Mathematics and Science will receive 60 credits toward the Bachelor of Science in Math, Physics 36-credit major, or Physics 54-credit major at Lehman College. In addition, they will be deemed to have met all Required Core, Flexible Core, and College Option Foreign Language requirements at Lehman College.

Total transfer credits granted toward the baccalaureate degree: 60

Total additional credits required at the senior college to complete baccalaureate degree: 60

Students are required to complete at least 50 percent of their major and minor (if applicable) in residency at Lehman College.

C. AS Liberal Arts and Sciences – Mathematic & Science, AS to Mathematics BS

<u>Westchester Community College</u>		<u>Lehman College Equivalent/Other Evaluation)</u>		Transfer Credit Applied
Core Requirements				
Course & Title	Credit	Course & Title	Credit	
ENG 101 Composition and Literature 1	3	ENG 111: English Composition I	3	3
ENG 102 Composition and Literature 2	3	ENG 121: English Composition II	3	3
MATH 161 Pre-Calculus	4	MAT 172 Pre-Calculus	4	4
MATH 181 Calculus I	4	MAT 175 Calculus I	4	4
PHYS 111: College Physics 1	4	PHY 166: General Physics 1	5	4
PHYS 112: College Physics 2	4	PHY 167: General Physics 2	5	4
Behavioral Science	3	Liberal Arts Equivalent	3	3
Social Science	3	Liberal Arts Equivalent	3	3
Humanities	3	Liberal Arts Equivalent	3	3
Physical Education Activity Course	2	Non Liberal Arts Elective	2	2
SUBTOTAL	33	SUBTOTAL	33	33

Required Areas of Study				
[Westchester Community College] Course & Title	Credit	[Lehman College] Course & Title	Credit	Transfer Credit Applied
MATH 191: Calculus 2	4	MAT 176 Calculus II	4	4
MATH 230: Calculus 3	4	MAT 226 Intermediate Calculus I	4	4
Additional electives in Humanities, English, or Communications	3	Liberal Arts Equivalent	3	3
Additional Behavioral or Social Sciences Electives	6	Liberal Arts Equivalent	6	6
MATH 240: Differential Equations	4	MAT 323: Ordinary Differential Equations	4	4
CHEM 107: Inorganic Chemistry I	4	CHE 166 General Chemistry 1/CHE 167 General Chemistry 1 Lab	5	4
COMSCI 101: Computer Programming I	3	CIS 106 Computer Literacy	3	3
Free Electives	5	Free Electives	5	5
SUBTOTAL	33			33
TOTAL	65	TOTAL	65	65

*Although 65 credits will be applied to Lehman requirements. Students will only be granted 60 transfer credits towards the Bachelor's degree.

D. SENIOR COLLEGE UPPER DIVISION COURSES REMAINING FOR BACCALAUREATE DEGREE

<i>Physics - 54 Credit Major</i>	<i>Credits</i>
PHY 251 Intermediate Physics Lab I	2
PHY 300 Modern Physics	4
PHY 301 Intermediate Electricity and Magnetism	4
PHY 302 Intermediate Mechanics	4
14 Additional Credits in Physics at the 200 level or above	14
One Additional Math Courses	3

Interdisciplinary General Education Requirements All students must complete two of the following interdisciplinary courses: LEH 352 Studies in Literature LEH 353 Studies in the Arts LEH 354 Historical Studies LEH 355 Studies in Philosophy, Theory, and Abstract Thinking WCC students are required to complete two writing intensive courses . Individual sections of LEH courses may be designated as writing intensive and these sections would count toward both requirements.	6
Free Elective	19
TOTAL	60

Physics - 36 Credit Major	<i>Credits</i>
18 Additional Credits in Physics at the 200 level or above	18
Interdisciplinary General Education Requirements All students must complete two of the following interdisciplinary courses: LEH 352 Studies in Literature LEH 353 Studies in the Arts LEH 354 Historical Studies LEH 355 Studies in Philosophy, Theory, and Abstract Thinking WCC students are required to complete two writing intensive courses . Individual sections of LEH courses may be designated as writing intensive and these sections would count toward both requirements.	6
Minor	12-15
Free Elective	21-24
TOTAL	60

Mathematics – 40-44 Credit Major	<i>Credits</i>
MAT 314 Algebra & Number Systems I	4
MAT 320 Analysis I	4
CMP 230 Programming Methods I	4
Four additional courses chosen from among 200-level or higher MAT courses, not counting MAT 231, 300, 301, and 348. CMP 326 and CMP 332 may be chosen	12-16
Two Additional Math Courses	6
Interdisciplinary General Education Requirements All students must complete two of the following interdisciplinary courses: LEH 352 Studies in Literature LEH 353 Studies in the Arts LEH 354 Historical Studies LEH 355 Studies in Philosophy, Theory, and Abstract Thinking WCC students are required to complete two writing intensive courses . Individual sections of LEH courses may be designated as writing intensive and these sections would count toward both requirements.	6
Free Elective	16
TOTAL	60

E. Articulation Agreement Follow-Up Procedures

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

This agreement will be reviewed annually by department chairs at both Westchester Community College and Lehman College and all relevant changes will be made as an amendment to this agreement. This agreement may be terminated at any time by either party.

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

Lehman will inform Westchester Community College about the academic progress of transfer students.

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

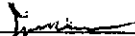
Notice of articulation will be placed in the respective catalogues, recruiting brochures, and websites.

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

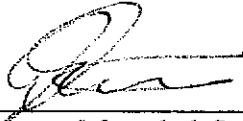
The Lehman College Physics, Mathematics & Computer Science departments will attend recruiting events on-campus at Westchester Community College regularly.

F. Additional Information

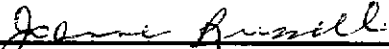
Effective Date: _____



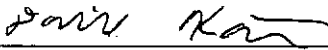
Dr. Joseph Hankin
President
SUNY Westchester Community College



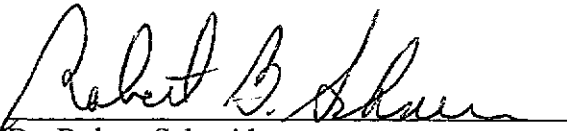
13 Sep 13
Dr. Anny Morrobel-Sosa
Provost & Senior Vice President for Academic
Affairs
Lehman College (CUNY)



Dr. Joanne Russell
Vice President and Dean
Academic Affairs



Dr. Daniel Kabat
Chair
Department of Physics and Astronomy



Dr. Robert Schneider
Chair
Department of Mathematics and Computer Science