

ARDCVLA'ffON AGREEMENT J'ORM

A. SENDING AND RECEIVING INSTITUTIONS

Sending College: FLORENCE H. LAURENCE Community College
Department: Natural Sciences
Program: Physical Science (Physics Track)
Degree: A.S. in Physical Science

Receiving College: York College
Department: Department of Biological and Physical Sciences
Program: Physics
Degree: B.S. Physics

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

- Junior Standing
- Overall GPA of at least 2.0 on a 4.0 scale
- Grade of C or better in any major course to be accepted for transfer.
- Any junior course with a grade of C- or less must be repeated to earn a grade of C or better (limited to one opportunity to repeat a course).
- Grade of C or higher in a college course with three or more credits
- Grade of C or better in freshman composition, its equivalent, or a high level English course
- York College will accept transfer credit only in a course plan. At least 68 semester hours can be applied towards the York College B.S. degree in Physics.
- Students eligible for transfer to York College under this agreement must have earned at least the minimum requirement for admission to LAOCC. This includes a US high school diploma or its equivalent.
- During the period of this agreement, both institutions agree:
 - A) To monitor the academic performance of LAOCC students who visit, or participate at York College under this agreement, identify problems, and work cooperatively to ensure smooth transfers with minimal academic disruption.
 - B) To notify each other of any curricular changes which would affect the fulfillment of this agreement.

Total transfer credit toward the baccalaureate degree: 50

Total additional credit required at the senior college to complete the baccalaureate degree: 10

C. COURSE TO COURSE EQUIVALENCIES AND TRANSFER CREDIT AWARDED

LaGuardia Community College		York College		
Course Number & Title	Credits	Course Number & Title	Credits	Credits Awarded
Required Core				
ENGL 101 English Composition I	3	ENG 125 English Composition I: Introduction to College Writing	3	3
ENGL 102 English Composition II: Introduction to Literature	3	ENG 126 English Composition II: Writing About Literature	3	3
MAT 115 College Algebra	3	MATH 104 College Algebra	3	3
Life & Physical Science course	3	Life & Physical Science course	3	3
Subtotal	9	Subtotal	9	
Flexible Core				
World Cultures & Global Issues course	3	World Cultures & Global Issues course	3	3
U.S. Experience In Its Diversity course	3	U.S. Experience In Its Diversity course	3	3
Creative Expression course	3	Creative Expression course	3	3
Individual and Society course	3	Individual and Society course	3	3
Scientific World course: SCC 201 General Chemistry I	4	Scientific World CHEM 108 Principles of Chemistry I CHEM 109 Principles of Chemistry I Laboratory	3 1	3 1
Scientific World course: SCP 231 General Physics I	4	Scientific World PHYS 117 University Physics I PHYS 113 Physics Laboratory I	3 1	3 1
Subtotal	20	Subtotal	20	
Pathways Total	29	Pathways Total	29	

Specific Program Course Requirements (Including Prerequisites)				
NSF 100 Natural Sciences First Year Seminar	2	ELEC 1000 Elective credit	2	2
MAT 200 Pre-Calculus	4	MAT 120 Pre-Calculus	4	4
MAT 201 Calculus I	4	MATH 121 Analytical Geometry & Calculus I	4	4
MAT 202 Calculus II	4	MATH 122 Analytical Geometry & Calculus II	4	4
MAT 203 Calculus III	4	MATH 221 Analytical Geometry & Calculus III	4	4
SCP 232 General Physics II	4	PHYS 118 University Physics II PHYS 114 Physics Laboratory II	3 1	3 1
SCP 233 Modern Physics	4	PHYS 241 Modern Physics PHYS 999 Physics blanket credit	3 1	3 1
Free Elective*	2	Free elective	2	2
SCP 211 Research Methods in Physical Science (Capstone)	3	PHYS 999 Physics blanket credit	3	3
Subtotal	31	Subtotal	31	
Total for AS degree	60	Total for AS degree	60	

*Recommended to take SCC 202 4 credits

D. SENIOR COLLEGE UPPER DIVISION COURSES REMAINING FOR BACCALAUREATE DEGREE

General Education Requirements (College Option)	
Course Number & Title	Credits
Writing Intensive course at the 200-level or higher: (Fulfilled by PHYS 383 below)	0
Writing Intensive course at the 200-level or higher OR WRIT 300-level course:	3
Subtotal	3

Major Discipline Requirements	
Course Number & Title	Credits
CHEM 111 Principles of Chemistry II	3.5
CHEM 112 Principles of Chemistry II Laboratory	1.5
MATH 223 Differential Equations and Dynamical Systems	3
MATH 333 Linear Algebra	4
PHYS 231 Oscillations and Waves	3
PHYS 312 Classical Mechanics I	3
PHYS 321 Electricity and Magnetism I	3
PHYS 351 Statistical Mechanics	3
PHYS 383 Modern Physics Laboratory (Writing Intensive)	3
PHYS 441 Quantum Mechanics and Atomic Physics	3
Subtotal	30
Major Electives	
<i>Choose two courses at 400-level or higher in PHYS or ASTR</i>	6
Subtotal	6
Free Electives	21
Total Credits Required for B.S. in Physics:	120

E. ARTICULATION AGREEMENT FOLLOW-UP PROCEDURES

Procedures for reviewing, updating, modifying or terminating agreement:

- When any of the programs undergo any changes relevant to this agreement, this articulation agreement will be reviewed and revised as necessary by one or two faculty members of each institution's department, selected by their respective Chairpersons to represent them.
- At the end of the academic year, the various representatives of each institution as indicated above will review the performance of transfer students to determine if adjustment to, or termination of the articulation agreement, is needed.

This articulation agreement will be publicized on both the LaGuardia Community College and York College websites. Transfer advisers at LAGCC will promote this agreement with eligible students. The faculty representative from York College's B.S in Physics will arrange an annual information session with the LAGCC campus for interested students.

ADVISOR RECOMMENDATIONS:

LaGuardia Community College students who plan to transfer into the Bachelors of Science degree in Physics program at York College are advised to strictly follow the Program Requirements and Program Electives listed in the proposal to satisfy the requirements for the Associates of Science degree in Physical Science (Physics Track) at LAGCC and to ensure that the maximum number of credits and required coursework are transferred to satisfy the physics program requirements at York College. Refer to both college websites for a list of pathways general education requirements for both the A.S and B.S physics programs.

F. ADDITIONAL INFORMATION:

PURPOSE: York College and LaGuardia Community College hereby enter into this agreement is to facilitate the opportunity for students who wish to transfer from LaGuardia Community College's Associate Degree in Physical Science (Physics Track) to York College's Bachelor of Science Degree in Physics . The attached sections A, B, and C, of this agreement specify the conditions and requirements for admittance to York College.

CHANGES: Neither party may change this agreement unilaterally. Proposed changes in policies and curricula (i.e. admission, curriculum, and degree requirements, course numbers, course content, and/or catalog descriptions by either party), must be communicated in writing to the other party, and jointly agreed upon in consultation with the relevant officials of each institution. Any changes agreed-upon must be signed, dated, and attached to this original agreement. It is highly recommended that the department chairs from the respective college programs jointly complete sections A, B, and C of this agreement at least every two years.

NOTICE OF CANCELLATION: Either party may independently cancel this agreement by notifying the other party no less than one academic year before the intended date of cancellation.

York College agrees to accept into the Bachelors of Science degree program in Physics students from LaGuardia community college who successfully complete the Physical Science (Physics Track) curriculum and degree requirements described in section A, B, and C of this agreement; thereby receiving an Associates of Science degree.

