2+2+2 PIPELINE PROGRAM ARTICULATION AGREEMENT
Between:
Penn State University – Berks/Lehigh Valley College
and
Reading Area Community College

This 2+2+2 Pipeline Program Articulation Agreement is between:

Penn State–Berks/Lehigh Valley College (PSU-BLVC)
Bachelors of Science in Science, General Science Option Program
and
Reading Area Community College (RACC)
Laboratory Science, Nanoscience Technology A.A.S Degree Program

Penn State University through the Berks/Lehigh Valley College (PSU-BLVC) and Reading Area Community College (RACC) sets forth the condition upon which PSU- BLVC will consider graduates of the Associate Degree in Laboratory Science, Nanoscience Technology at RACC transfer for admission into PSU's Bachelor of Science in Science, General Science Option Program.

Rationale for the Purpose of the Articulation Agreement:

This agreement applies only to the Laboratory Science, Nanoscience Technology A.A.S Degree Program that is currently constituted and delivered at RACC and the Bachelor of Science in Science, General Science Option Program that is currently constituted and delivered at PSU-BLVC as of the 2003-2004 academic year. The purpose of this agreement is to make available to degree students at RACC the opportunity to pursue a baccalaureate degree at PSU-BLVC.

Description of How the Articulation Agreement May be Renewed or Terminated:

1) RACC agrees to promptly notify PSU-BLVC of any sustentative curricular modification to Laboratory Science, Nanoscience Technology A.A.S Degree Program, and further agrees that the terms of this agreement will no longer hold unless PSU-BLVC provides a written approval that the curricular changes do not alter the intent of the agreement
2) PSU- BLVC agrees to provide RACC with information about the BS in Science degree and any changes of the curriculum, should they occur. Conditions for admission into the BS of Science degree are stipulated in this document.
3) The terms of the agreement shall remain in effect, except as stipulated in certain previous terms as listed herein, until terminated by either party. Any party may terminate the agreement with or without cause, on the provision of 120 days written notice to the other parties.

Admission Requirements and Transfer of Academic and Technical Credits

1) All RACC students in the Laboratory Science, Nanoscience Technology A.A.S Degree Program must complete the PSU admissions process, including but not limited to: filling out a regular PSU admissions application, paying the application fee, and providing all official transcripts from secondary and post secondary institutions.
2) PSU agrees that graduates of the Laboratory Science, Nanoscience Technology A.A.S Degree Program meet the admission standards of the Science degree given that they satisfy the following conditions:

a. Applicants with at least a 2.5 grade point average (GPA) are eligible for admission into BLVC. Students with less that a 2.5 may be considered for admission upon individual review of the student's academic performance.
b. Successful completion of 58 transferable credits with a grade "C" or better. Transferable courses pertain to those courses listed below. See also Appendix A.
c. The following RACC courses will fulfill general education requirements and technical education requirements for the Bachelor of Science in Science, General Science Option Program.

Technical

RACC Courses – Courses listed must be taken to transfer/articulate	PSU Course Equivalents	Number of Credits
IFT 110	CMPSC 101	3
ELT 100	EE 210	4
ELT 200	CSE 271 + 275	4

Math

RACC Courses – Courses listed must be taken to transfer/articulate	PSU Course Equivalents	Number of Credits
MATH 220 – calculus I	MATH 140	4
MATH 221 – calculus II	MATH 141	4
MAT 210 - satisfies intent	STAT 250	3

Science

RACC Courses – Courses listed must be taken to transfer/articulate	PSU Course Equivalents	Number of Credits
BIO 150	BIOL 110	4
CHEM 150	CHEM 011 + 012	4
CHE 155	CHEM 013 & 015	4
ENV 130 – satisfies intent	EMSC 150	3
PHY 240 (calculus-based)	PHYS 211	4
PHY 245 (calculus-based)	PHYS 212	4

Communications/English

RACC Courses – Courses listed must be taken to transfer/articulate	PSU Course Equivalents	Number of Credits
COM 121	ENGL 015	3
COM 141	ENGL 202C	3

Arts & Humanities (GA/GH)

RACC Courses – Courses listed must be taken to transfer/articulate	PSU Course Equivalents	Number of Credits
See attached list (appendix A)	See attached list (appendix A)	3

Social & Behavioral Sciences (GS)

RACC Courses – Courses listed must be taken to transfer/articulate	PSU Course Equivalents	Number of Credits
SOC 125	SOC elective	3

First-Year Experience

RACC Courses – Courses listed must be taken to transfer/articulate	PSU Course Equivalents	Number of Credits
NSC 200	PSU 005	1

Science/Technical Electives

RACC Courses – Courses listed must be taken to transfer/articulate	PSU Course Equivalents	Number of Credits
Capstone Semester at PSU Nanomanufacturing Technology Center	E SC 211-216 (200-level)	18 Credits: 9 credits as Life, Mathematical, or Physical Sciences credits and 9 credits as Supporting courses.

d. Students must meet PSU conduct standards in regard to behavioral problems.

3) PSU agrees that RACC graduates who meet the above admission standards and apply will be admitted into the Bachelor of Science in Science, General Science Option Program.

Advising and Special Services will be available at both RACC and Penn State.

Pre-admission advising and registration will be available at either RACC or BLVC for ease of transferring.

PSU and RACC have entered into this agreement on the indicated date as witnessed by the signatures below:

READING AREA COMMUNITY COLLEGE

Kathy McCann Evans 5/21/04
Kathy McCann Evans, Date
RACC Nanoscience Technology Program Coordinator

5/21/04
Barry Reber, M.A. Date
Science/Mathematics Division Chair

5/24/04
Peter Battaglia, Date
Vice-President/Dean of Academic Affairs

PENN STATE

5/17/04
Andrew Romberger, Ph.D. Date
General Science Program Coordinator

5/18/04
Susan P. Speece, Ph.D. Date
Dean, Berks-Lehigh Valley College

6/16/04
John J. Romano, Ph.D. Date
Vice Provost/Dean of Enrollment Management
Penn State University

Appendix A

The following courses will fill general education distribution requirements at PSU-BLVC in the categories listed below. Any course listed as a PSU "elective" will only count following a petition waiver by the student. Other courses than the ones listed below may be taken but they may only transfer as general credits and would count as elective programs on the "Program List" unless a petition is accepted by BLVC to allow the course to fulfill a general education requirement. All courses listed below are 3 credits.

Humanities (GH)		
RACC	**credits**	**PSU**
HIS 110	3	HIST 020
HIS 115	3	HIST 021
HIS 120	3	HIST 001
HIS125	3	HIST 002
HIS130	3	HIST (general)
HIS 135	3	HIST (general)
HUM 231	3	CMLIT (general)
HUM 235	3	CMLIT (general)
HUM 241	3	ENGL (general)
HUM 245	3	ENGL (general)
HUM 249	3	ENGL (general)
HUM 271	3	PHIL 001
HUM 276	3	PHIL (general)

Social & Behavioral Sciences (GS)		
RACC	**credits**	**PSU**
ANTH 140	3	ANTH 045
BUS 201	3	ECON 002
LAW 185	3	SOC 012
POS 130	3	PL SC 001
PSY 100	3	PSY (general)
PSY 130	3	PSY 002
PSY 212	3	PSY (general)
PSY 214	3	HD FS 249
PSY 220	3	PSY (general)
PSY 225	3	PSY (general)
PSY 230	3	PSY (general)
PSY 235	3	PSY 217
SOC 125	3	Soc. elective
SOC 130	3	SOC 001
SOC 210	3	SOC 005
SOC 220	3	SOC 030
SOC 230	3	SOC 110 (DF)

Arts (GA)		
RACC		**PSU**
HUM 111	3	ART 020
HUM 121	3	ART (general)
HUM 201	3	ART HIST 100
HUM 210	3	ART (general)
HUM 221	3	MUSIC 005

5/17/04