



Berks-Lehigh Valley College
Lehigh Valley campus

ARTICULATION AGREEMENT
between
NORTHAMPTON COMMUNITY COLLEGE
and
PENN STATE UNIVERSITY
through
PENN STATE BERKS-LEHIGH VALLEY COLLEGE
on the
BACHELOR OF SCIENCE IN INFORMATION SCIENCES and TECHNOLOGY

This agreement is between:

Division of Business, Technology and Allied Health
Northampton Community College
and
Division of Engineering, Business, Computing, and Human Development
Penn State Berks-Lehigh Valley College
Penn State University

The Penn State University (PSU) through Penn State Berks-Lehigh Valley College (PSBLVC) and Northampton Community College (NCC) sets forth the conditions upon which PSU will consider graduates of the Associate of Science in Computer Information Systems (ASCIS) or Associate of Science in Computer Science (ASCS) programs at NCC for admission into PSU's Bachelor of Science in Information Sciences and Technology (IST) program. This document sets forth those conditions, which the parties hereby agree to.

A. Rationale for the purpose of the articulation agreement

This agreement applies only to the ASCIS program that is currently constituted and delivered at NCC as of the 2000 - 2001 academic year. NCC is located in the midst of a fast growing and booming area in the Lehigh Valley and the purpose of this agreement is to make available to the ASCIS graduates of NCC the opportunity to pursue a baccalaureate degree in IST and to serve location bound students.

B. Description of how the agreement may be renewed or terminated

1. NCC agrees to promptly notify Penn State Lehigh Valley (PSLV) upon any substantive curriculum modification to the ASCIS program, and further agrees that the terms of this agreement will no longer hold unless PSU provides a written approval that the curriculum changes do not alter the intent of this agreement.
2. PSLV agrees to provide NCC with information about the IST program of study and any changes to the curriculum, should they occur. Conditions for admission into the IST program are stipulated in section D of this document.
3. The terms of this 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.

C. Estimate of the number of students transferring to Penn State annually

An class of about 12 is an initial estimate.

D. Admission requirements and transfer of academic credits

1. PSU agrees that graduates of the ASCIS program meet the admissions standards of the IST program given that they satisfy the following conditions:
 - a. Applicants with at least 2.5 Grade Point Average (GPA) are eligible for admission into IST at PSBLVC.
 - b. Applicants with 2.00 - 2.49 GPA may be admitted into BLCOM. After 18 additional PSU credits with a 2.50 GPA, the student may request a change of major into IST. (This provision may not necessarily be applicable at other location colleges.)
 - c. Successful completion of **60 transferable credits** with a grade of "C" = 2.0 grade points or better:

Courses in the ASCIS Curriculum

COURSE	CREDITS	TITLE
CISC 115	(4)	Structured Programming in C++
CISC 125	(4)	Advanced Programming in C++
CISC 225	(3)	Computer Organization
CISC 230	(4)	Data Structures
ENGL 101	(3)	English I
MATH 140	(3)	College Algebra
MATH 165	(3)	Applied Calculus
	or	
MATH 180	(4)	Calculus I

- d. The following NCC courses will fulfill IST General Education requirements in the categories listed below. While other courses may be taken, they will only transfer as general credits and must be petitioned at PSU to be useful in a degree program.

ARTS

COURSE	CREDITS	TITLE
ARTA 101	(3)	Art History
ARTA 107	(3)	Drawing I
ARTA 158	(3)	Painting I
ARTA 205	(3)	Graphic Design I
CMTH 110	(3)	Introduction to the Theatre
MUSC 101	(3)	Introduction to Music
MUSC 110	(3)	Fundamentals of Music

HUMANITIES

COURSE	CREDITS	TITLE
ENGL 151L	(3)	English II, Literature Option
ENGL 203	(3)	Shakespeare
ENGL 265	(3)	Modern Poetry

HIST 113	(3)	American History I
HIST 163	(3)	American History II
INTS 101	(3)	Critical Thinking
PHIL 121	(3)	World Religions
PHIL 201	(3)	Introduction to Philosophy
PHIL 202	(3)	Ethics and Moral Problems

NATURAL SCIENCE

COURSE	CREDITS	TITLE
BIOS 103	(4)	General Biology
BIOS 104	(4)	Field Ecology
BIOS 105	(4)	Contemporary Biology
BIOS 160	(4)	Human Biology
BIOS 171	(4)	Animal Biology
BIOS 202	(4)	Microbiology
BIOS 204	(4)	Human Anatomy and Physiology I
BIOS 205	(4)	Plant Biology
BIOS 250	(4)	Introduction to Cell and Molecular Biology
BIOS 254	(4)	Human Anatomy and Physiology II
CHEM 105	(4)	Chemistry in Contemporary Society
CHEM 120	(5)	General Chemistry I
CHEM 135	(4)	Chemistry of Life
CHEM 220	(3)	General Chemistry II
GEOG 210	(4)	Meteorology
PHYS 215	(5)	Physics for Science and Engineering
PHYS 225	(5)	Physics for Science and Engineering II

SOCIAL SCIENCES

COURSE	CREDITS	TITLE
GEOG 121	(3)	Introduction to Environmental Problems
POLS 110	(3)	American National Government
POLS 202	(3)	International Relations
POLS 203	(3)	Comparative Government
PSYC 103	(3)	Introduction to Psychology
PSYC 253	(3)	Adolescent Psychology
PSYC 258	(3)	Developmental Psychology
SOCA 102	(3)	Cultural Anthropology
SOCA 103	(3)	Principles of Sociology
SOCA 204	(3)	Social Problems

QUANTIFICATION

COURSE	CREDITS	TITLE
MATH 140	(3)	College Algebra
MATH 165	(3)	Applied Calculus

MATH 180 or higher will transfer into the IST program.

- e. The following NCC courses **automatically transfer as an equivalent course** to a corresponding PSU course.

NCC Courses		PSU Courses	
CISC 115	(4) Structured Programming in C++	CMPSC 101	(3) Introduction to Algorithmic Processes
ENGL 101	(3) English I	ENGL 015	(3) Rhetoric & Composition
ENGL 151	(3) English II	ENGL 202D	(3) Effective Writing: Business Writing
MATH 180	(3) Calculus I	MATH 140	(3) Calculus with Analytic Geometry I

- f. Currently, there are no NCC courses that will transfer in as equivalent to PSU IST courses. However, NCC students may be advised to take any or all of the IST core courses namely, 110, 210, 220, 230, 240 at Lehigh Valley campus as elective courses to the ASCIS program putting NCC students in a better position for admission as transfer students into the IST baccalaureate program. At a future time when PSBLVC has succeeded in hiring sufficient number of IST faculty, plans can be made to offer some of the IST core courses on site at NCC. In the meantime, some if not all these IST core courses may be available as on-line courses.

- g. Students must meet PSU conduct standards in regard to known behavioral problems.

2. PSU agrees that NCC's ASCIS graduates who meet the above admissions standards and apply will be admitted into the IST program provided the number of students admitted into the IST program has not exceeded a pre-established limit.

E. Advising and special services, if appropriate.

Not applicable at present.

F. Impact of the agreement, if any, on other programs, colleges and campuses of the University, including evidence of consultation within Penn State

This agreement is designed for part time students who are location bound and would therefore not be attending another Penn State location. Hence, the impact of this articulation agreement on other Penn State campuses and colleges is expected to be minimal if any. However, other Penn State locations have the opportunity to adhere to this agreement as it applies to NCC's ASCIS graduates and PSU IST programs.

This agreement constitutes the entire agreement and terms of understanding among the parties names herein and supersedes any prior agreements or understandings among the parties.

PSU and NCC have entered this agreement on the date indicated and witnessed by the signatures below:

Northampton Community College

Ken Krause (exc) 6-15-00
 Date
 Kenneth Krause, Ph.D.
 Professor of Computer Science
 Northampton Community College

Catherine Chew 6-6-00
 Date
 Catherine V. Chew, Ed.D.
 Dean
 Division of Business, Technology & Allied Health
 Northampton Community College

Arthur Scott 6/6/00
 Date
 Arthur Scott, Ed.D.
 Vice-President and Provost
 Northampton Community College

Penn State University

Carolina P.S. McCluskey 1 June 2000
 Date
 Carolina P.S. McCluskey, Ph.D.
 IST Champion / Program Coordinator
 Bachelor of Science in Information Sciences and Technology
 Penn State Berks-Lehigh Valley College

Eugene R. Slaski June 1, 2000
 Date
 Eugene R. Slaski, Ph.D.
 Campus Executive Officer
 Penn State Lehigh Valley campus
 Acting Associate Dean
 Penn State Berks-Lehigh Valley College

Frederick H. Gaige 6/2/00
 Date
 Frederick H. Gaige, Ph.D.
 Dean
 Penn State Berks-Lehigh Valley College

James B. Thomas 6/26/00
 Date
 James B. Thomas, Ph.D.
 Dean
 School of Information Sciences and Technology
 Penn State University

John J. Romano 6-29-00
 Date
 John J. Romano, Ph.D.
 Vice-Provost and
 Dean for Enrollment Management & Administration
 Penn State University