

**ARTICULATION AGREEMENT  
BETWEEN  
THE COMMUNITY COLLEGE OF  
ALLEGHENY COUNTY  
AND CARLOW UNIVERSITY**

ARTICULATION AGREEMENT  
BETWEEN  
COMMUNITY COLLEGE OF ALLEGHENY COUNTY  
AND CARLOW UNIVERSITY

Community College of Allegheny County and Carlow University recognize the importance of facilitating the transfer of students from one institution to another. In an effort to insure that transfer students and indigenous students be treated on an equal basis, The Community College of Allegheny County and Carlow University enter into the following articulation agreement. This agreement has been developed according to the guidelines established by the State System of Higher Education in Pennsylvania.

ARTICULATION AGREEMENT:

1. Academic Policies:

A student enrolled in a **University Parallel Program at The Community College of Allegheny County**, who completes all requirements for the designated **Associate in Arts or Associate in Science** degree may transfer to Carlow University and may expect the following:

1. To have the program of study at the Community College of Allegheny County reviewed and approved by the **Provost** at Carlow University.
2. To have all of the courses that are approved in the program of study and which carry a passing grade accepted by Carlow University.
3. To enjoy the same rights and privileges and observe the same regulations in the major department as students indigenous in that department who are at junior level when the transfer occurs.
4. To follow Carlow University policy, which requires that the student repeat any major/support courses that carry a final grade of "C-" or lower. **The final grade for these courses must be a "C" or higher.** Students will not earn additional credits for a repeated course.
5. To have all of the courses with a passing grade accepted by Carlow University applied to the attainment of a Baccalaureate degree.

2. Academic Stipulations:

1. A student who wants to participate in the articulation process must contact the Transfer Counselor at the Community College of Allegheny County.

2. The student, the academic advisor, and the transfer counselor will develop a program of study following guidelines provided by Carlow University and in accordance with the curriculum established by the Community College of Allegheny County.
3. The student will review the articulation agreement and will sign a letter of intent to transfer from the Community College of Allegheny County to Carlow University.
4. The transfer counselor will send the student's program of study within thirty days after the beginning of the fall and/or spring semester to the Registrar at Carlow University.
5. The designated representative at Carlow University will review, certify and return the program of study to the transfer counselor within thirty days after receipt of the program.
6. A student may initiate changes in his/her program of study by contacting the transfer counselor at the Community College of Allegheny County who will notify the designated representative at Carlow University regarding approval of changes.
7. A student must maintain an overall average of 2.0 GPA on a four-point scale. (The nursing and education majors are an exception and require an overall average of 3.0 GPA)
8. The Community College of Allegheny County will monitor the progress of students annually, reporting to the designated representatives at Carlow University those students who maintain eligibility.
9. A maximum of 65 credits will transfer into the University from the approved program. Any additional transfer credits will be subject to a course by course evaluation and must have a letter grade (s) of "C" or above.
10. No additional 100 and 200 level courses will be transferred into Carlow University from any institution without further evaluation (See nursing as an example).
11. Students must satisfy all other Carlow University admission requirements.
12. The attached program guide details the course equivalencies from the specified Community College of Allegheny County Programs and the specified Carlow University Programs.

3. Review of Agreement:

1. Community College of Allegheny County and Carlow University will review this articulation agreement annually by June 30<sup>th</sup> and make adjustments or amendments when necessary.
2. This agreement may be terminated by either party providing that at least six months advance notice of termination has been given.

**EXCEPTIONS TO ARTICULATION AGREEMENT, PART I, NUMBER 5**

PART I, Number5, states that a student enrolled in a University Parallel program at CCAC who completes all requirements for the associate degree may transfer to Carlow and may expect "To have all of the courses that are accepted by Carlow University applied to the attainment of the baccalaureate degree, thus resulting in the student's receiving full Junior status."

Exceptions to this statement are as follows:

*Art Education*

Students interested in transferring with junior status to Art Education at Carlow are advised to follow a course of study at CCAC, which reflects a higher concentration of art courses than that provided through the parallel programs. A copy of this recommended course of study is available in the Community College of Allegheny County transfer counselor's office.

*Nursing*

Because of the sequence of the Carlow nursing program and the requisite preparatory support courses, it is not possible for students who follow the parallel programs to transfer into Carlow's nursing program at junior level.

Students interested in nursing at Carlow may complete an AS in nursing at Community College of Allegheny County and apply for admission to Carlow's BSN program and advanced standing as registered nurses. Nursing credits do not transfer, but students are granted a 30 credit technical block. This block plus the non-nursing credits from the AS program should place the student at junior level.

Students interested in Carlow's nursing program who are not enrolled in the AS in nursing program at Community College of Allegheny County are advised to plan to apply for admission to the nursing program at Carlow at the end of their freshman year. An approved plan of study for the freshman year at Community College of Allegheny County is available.

### *Perfusion Technology Certification*

Student who follow the parallel program and are interested in obtaining a BS in Biology with Certification in Perfusion Technology should expect to spend an additional three years at Carlow.

It may be possible to complete the program in two additional years at Carlow if the student follows a program of study at Community College of Allegheny County, which reflects a higher concentration of science courses than that provided through the parallel programs. A recommended course of study is available in the Community College of Allegheny County transfer counselor's office.

Attached to this Agreement are Curriculum Guides for additional programs offered by COMMUNITY COLLEGE OF ALLEGHENY COUNTY that also transfer to Carlow University. Guides on the following pages can be used by transfer counselors to assist students interested in these areas.

**Courses Equivalencies**  
**CCCC: Biology**  
**Carlow: Bachelor of Science, Major: Biology/Perfusion Technology**

<b>CCAC Courses</b>			<b>Carlow Equivalencies</b>		
Bio151	General Biology I	4	Major	Biology 110/111 and BIO 120/121	4
Eng 101	Eng. Composition I	3	CC100	College Writing & Research	3
Cit	Computer Technology	3	Elective	IM	3
	Humanities Elective	3		See recommendations	3
	General Elective	3		See recommendations	3
Bio152	General Biology I	4	Major	BIO 130/131	4
Eng 102	Eng. Composition II	3	CC100	College Writing & Research	3
Cit	Computer Technology	3	Elective	IM	3
	Mathematics Elective	3		See recommendations	3
	Social Science Elective	3		See recommendations	3
	Biology Elective	3/4		See recommendations	3/4
Chm 151	General Chemistry I	4	Major	CHM111 General Chemistry I	4
	Mathematics Electives	3		See recommendations	3
Sph 101	Oral Communications	3	CC101	Presentation & Argumentation	3
	Social Science Elective	3		See recommendations	3
Chm 152	General Chemistry II	4	Major	CHM 112 General Chemistry II	4
	Biology Elective	3/4		See recommendations	3/4
	General Elective	6		See recommendations	6

**CCCC: Biology**  
**Carlow: Bachelor of Science, Major: Biology/Perfusion Technology**

**Carlow Required Courses**

<b>Required Courses at Carlow:</b>					
BIO335	Micro and Immunology or	4			
BIO227	Microbiology	4			
BIO205	Anatomy and Physiology 1	4		Taken at Carlow	
BIO206	Anatomy and Physiology 2	4		Taken at Carlow	
BIO339	Pharmacology	3			
CHM306	Biochem	3			
CHM221	Organic Chem 1	4			
CHM222	Organic Chem 2	4			
PCS201	Physics 1	4			
PCS202	Physics 2	4			
<b>Core Requirements at Carlow:</b>					
CC102	Quantitative Reasoning	3			
H	History	3			
G	Global Perspective	3			
L	Literary Arts	3			
F	Fine Arts	3			
S	Social Behavioral Science	3			
T	Theology	3			
W	Women's Studies	3			
E	Political Science/Economics	3			
P	Philosophy	3			

**Courses Equivalencies**  
**CCAC: Social Work Technician**  
**Carlow: Bachelor of Social Work**

CCAC Courses			Carlow Equivalencies		
Eng101	English Composition I	3	CC100	College Writing & Research	3
Pol101	Intro. Politics & Govt.	3	Pol101	Intro. Political Science (LAI)	3
Soc101	Intro. to Sociology	3	Soc152	Intro. to Sociology	3
Sow 101	Intro. to Social Work	3	Sw104	Intro. to Social Work	3
	Humanities Elective	3		See recommendations	3
Cit100	Intro. Computers	3	IM200	Microcomputer Concepts	3
Eng102	English Comp. II	3	CC100	College Writing & Research	3
Psy101	Intro. to Psychology	3	PY101	Intro. to Psychology (LAI)	3
Soc201	Sociology of Family	3	So215	Society and Family (required elective)	3
Sow 130	Community Resources	3	Sw201	Intro. to Social Welfare	3
Soc208	Urban Sociology	3	So260	Urban Community (required elective)	3
Sow 106	Interviewing Skills	3	Sw	Required Elective	3
Sow 110	Practicum 1	3	Sw	Required Elective	3
	Speech Elective	3		See recommendation	3
Bio110	Intro. Biol. Sciences	4	BIO	Meets Bio. Requirement (LAI)	4
His105	U.S. History II	3	HS171	U.S. History II (LAI)	3
Sow 120	Child Welfare	3	SW	Required Elective	3
Soc211	Racial & Ethnic	3	SW270	Cultural Awareness/Global Requirement (LAI)	3
Soc212	Social Problems	3	SO	Required Elective	3
Mat165	Prob. & Statistics	4	Mat115	Applied Statistics (LAI)	4
Psy108	Human Growth	3	Psy	Psychology -Required elective	3
Soc117	Understanding Chem.	3	Soc	Sociology-Required elective	3
Soc202	Aging	3	Soc	Sociology-Required elective	3
Sow 104	Law and Social Welfare	3	SW	Social Work-Required elective	3
Sow 115	Practicum 2	3	SW	Social Work-Required elective	3
	Mathematics Elective	3		Elective	3



**CCAC: Social Work Technician**  
**Carlow: Bachelor of Social Work**

**Carlow Required Courses**

<b>Required Courses at Carlow:</b>					
SW204	Theories & Methods	3			
SW302	Social Work Practice I	3			
SW214	HBSE I	3			
SW216	HBSE II	3			
SW304	Social Work Practice II	3			
SW303	Social Welfare Policy	3			
SW307	Research I	3			
SW309	Research II	3			
SW401	Social Work Practice III	3			
SW402	Field Placement I	5			
SW 405	Field Placement Seminar I	1			
SW 406	Field Placement II	5			
SW 407	Field Placement Seminar II	1			
<b>Core Requirements at Carlow:</b>					
CC101	Presentation & Argumentation	3			
CC102	Quantitative Reasoning	3			
W	Women's Studies	3			
T	Theology	3			
F	Fine Arts	3			
P	Philosophy	3			
L	Literary Arts	3			

**Courses Equivalencies**  
**CCAC: Accounting**  
**Carlow University: Bachelor of Science, Major in Accounting**

CCAC Courses			Carlow Equivalencies		
Acc104	Financial Accounting	4	ACC105	Accounting I	3
Eco102	Macroeconomics	3	EO102	Major elective	3
Eng 101	Eng. Composition	3	CC100	College Writing & Research	3
Cit	Computer elective	3		IM elective	3
	Social Science elective	3		See recommendations	3
Acc203	Managerial Accounting	4		Accounting elective	4
Eco103	Microeconomics	3	LAI	EO101	3
Eng 102	Eng. Composition II	3	CC100	College Writing & Research	3
	Business Elective	3		See Business or Accounting recommendations	3
	Mathematics Elective	3		See recommendations	3
Acc201	Intermediate Acct. 1	3	ACC305	Intermediate Accounting I	3
Mat120	Analytical Methods	3	LAI	Mathematics requirement	3
Sph 101	Oral Communications	3	CC101	Presentation and Argumentation	3
	English elective	3		See recommendations	3
	Science elective	4		See recommendations	4
Acc202	Intermediate Acct. 2	3	ACC306	Intermediate Accounting II	3
	Business elective	3		See Business or Accounting recommendations	3
	Humanities	3		See recommendations	3
	Social Science elective	3		See recommendations	3
	General elective	3		See recommendations	3

**CCAC: Accounting**  
**Carlow University: Bachelor of Science, Major in Accounting**

**Carlow Required Courses**

<b>Required Accounting Courses at Carlow:</b>					
ACC 307	Manage. Cost Accounting	3			
ACC 311	Personal Fed Taxes	3			
ACC 405	Advanced Accounting I	3			
ACC 406	Advanced Accounting II	3			
ACC 407	Auditing	3			
BSM 103	Intro to Business Management	3			
BSM 202	Business Communication	3			
BSM 207	Career Planning, Theory & Application	1			
BSM 304	Principles of Finance	3			
BSM 401	Legal Aspects of Business	3			
BSM 460	Internship	3			
BSM 490	Senior Comprehensive Evaluation	1			
MAT 115	Basic Applied Statistics	3	LAI	LAI Mathematics	3
IM 200	Microcomputer Concepts	3			
IM 203	Advanced Applications	3			
	Total	41			
<b>Core Requirements at Carlow:</b>					
CC 102	Quantitative Reasoning	3	Skill		3
(F)	Fine Arts (Music, Art, Theatre)	3	LAI	Fine Arts	3
(P)	Philosophy	3	LAI	Philosophy	3
(T)	Theology	3	LAI	Theology	3
(W)	Women's Studies	3	LAI	Women's Studies	3
(G)	Global Studies	3	LAI	Global Studies	3
(H)	History	3	LAI	History	3
(N)	Natural Sciences	4	LAI	Natural Sciences	4
(E)	Political Science/Economics	3	LAI	Political Science/Econ.	3
(L)	Literary Arts	3	LAI	EN 101	3

**Courses Equivalencies**  
**CCAC: Business**  
**Carlow University: Bachelor of Science, Major in Business Management**

<b>CCAC Courses</b>			<b>Carlow Equivalencies</b>		
Acc104	Financial Accounting	4	ACC105	Accounting I	4
Eng101	Eng. Composition I	3	CC100	College Writing & Research	3
Mat108	Intermediate Algebra	4	Elective	MAT 101	4
Cit	Computer Technology	3		ISM Elective	3
	Major Elective	3		See Business or Accounting recommendations	3
Acc203	Managerial Accounting	4		ACC Elective	4
Eco102	Macroeconomics	3	Major	EO102	3
Eng102	Eng. Composition II	3	CC100	College Writing & Research	3
	Social Science Elective	3		See recommendations	3
	Major Elective	3		See Business or Accounting recommendations	3
Eco103	Microeconomics	3	LAI	EO101	3
Sph101	Oral Communications	3	CC101	Presentation & Argumentation	3
	Major Electives	6		See Business or Accounting recommendations	6
	Social Science Elective	3		See recommendations	3
	Science Elective	4		See recommendations	4
	Humanities Elective	3		See recommendations	3
	Mathematics	3		See recommendations	3
	Major Electives	6		See Business or Accounting recommendations	6

**CCAC: Business**  
**Carlow University: Bachelor of Science, Major in Business Management**

**Carlow Required Courses**

<b>Required Accounting Courses at Carlow:</b>					
BSM106	Principles of Accounting II	3			
BSM202	Business Communications	3			
BSM203	Global Mgmt. & Org. Behavior	3			
BSM207	Career Planning Theory & App	1			
BSM301	Marketing	3			
BSM304	Principles of Finance	3			
BSM401	Legal Aspects of Business	3			
BSM417	Business & Society	3			
BSM460	Internship	3			
BSM490	Senior Comp. Evaluation	1			
IM200	Microcomputer Concepts	3			
IM202/203	Advanced Applications	3			
MAT 115	Basic Applied Statistics	3	LAI	LAI Mathematics	3
	Total	35			
<b>Core Requirements at Carlow:</b>					
CC 102	Quantitative Reasoning	3	Skill		3
(F)	Fine Arts (Music, Art, Theatre)	3	LAI	Fine Arts	3
(P)	Philosophy	3	LAI	Philosophy	3
(T)	Theology	3	LAI	Theology	3
(W)	Women's Studies	3	LAI	Women's Studies	3
(G)	Global Studies	3	LAI	Global Studies	3
(H)	History	3	LAI	History	3
(N)	Natural Sciences	4	LAI	Natural Sciences	4
(E)	Political Science/Economics	3	LAI	Political Science/Econ.	3
(L)	Literary Arts	3	LAI	EN 101	3

**Courses Equivalencies**  
**CCAC: CIT: User Support**  
**Carlow University: Bachelor of Science, Major in Information Technology and Management**

CCAC Courses			Carlow Equivalencies		
Cit111	Information Systems	4	IM105	Foundations of Programming	4
Cit115	Information Tech: Hardware	3	IM200	Microcomputer Concepts & Applications	3
Eng101	Eng. Composition I	3	CC100	College Writing & Research	3
	Mathematics elective	3		See recommendations	3
Sph101	Oral Communications	3	CC101	Presentation and Argumentation	3
Acc104	Financial Accounting	4	ACC105	Principles of Accounting I	4
Cit140	Office Productivity	4	IM203	Spreadsheet and Database Software	4
Cit161	User Interface: Visual Basic	4	IM352	Visual Basic Programming	4
Eng102	Eng. Composition II	3	CC100	College Writing & Research	3
	Social Science Elective	3		See recommendations	3
Cit120	Networking	3	IM360	Telecommunications	3
Cit125	Web Development	3	IM305	Web Page Authoring	3
Cit230	Database Systems	4	IM340	Database Management	4
	Business Elective	3		See recommendations	3
	General Elective	3		See Business or Accounting recommendations	3
Cit150	PC Components	3	IM324	PC Hardware	3
Cit205	Help Desk Support	3		IM Elective	3
Cit215	Systems Analysis & Design	3	IM 320	Systems Analysis I	3
	Science Elective	4		See recommendations	4
	General Elective	3		See Business or Accounting recommendations	3

**CCAC: CIT: User Support**  
**Carlow University: Bachelor of Science, Major in Information Technology**  
**and Management**

**Carlow Required Courses**

<b>Required Accounting Courses at Carlow:</b>					
BSM103	Intro to Business & Mgmt.	3			
BSM202	Business Communications	3			
BSM207	Career Planning Theory & App	1			
BSM304	Principles of Finance	3			
IM215	Intro to Info. Systems Mgmt.	3			
IM321	Systems Analysis II	3			
IM325	Operating Systems	3			
IM355	Software Documentation	3			
IM401	Legal Aspects of E-Commerce	3			
BSM460	Internship	3			
BSM490	Senior Comp. Evaluation	1			
MAT 115	Basic Applied Statistics	3	LAI	LAI Mathematics	3
	Total	32			
<b>Core Requirements at Carlow:</b>					
CC 102	Quantitative Reasoning	3	Skill		3
(F)	Fine Arts (Music, Art, Theatre)	3	LAI	Fine Arts	3
(P)	Philosophy	3	LAI	Philosophy	3
(T)	Theology	3	LAI	Theology	3
(W)	Women's Studies	3	LAI	Women's Studies	3
(G)	Global Studies	3	LAI	Global Studies	3
(H)	History	3	LAI	History	3
(N)	Natural Sciences	4	LAI	Natural Sciences	4
(E)	Political Science/Economics	3	LAI	Political Science/Econ.	3
(L)	Literary Arts	3	LAI	EN 101	3

**Courses Equivalencies**  
**CCAC: CIT: E-Commerce**  
**Carlow University: Bachelor of Science, Major in Information Technology and Management**

CCAC Courses			Carlow Equivalencies		
Cit111	Information Systems	4	IM105	Fundamentals of Programming	4
Cit115	Information: Hardware and Software	3	IM200	Microcomputers Concepts & Applications	3
Eng101	Eng. Composition I	3	CC100	College Writing & Research	3
Art150	Computer Graphics I	3		Fine Arts	3
	Mathematics Elective	3		See recommendations	3
Acc104	Financial Accounting	4	ACC105	Principles of Accounting I	4
Cit120	Networking	3	IM360	Telecommunications	3
Cit125	Web Development	3	IM305	Web Page Authoring	3
Cit130	Object Oriented: Java	3	IM354	Java Programming	3
Eng102	Eng. Composition II	3	CC100	College Writing & Research	3
Cit161	User Interface: Visual Basic	4	IM352	Visual Basic Programming	4
Cit225	E-Commerce Applications	3		IM Elective	3
Cit230	Database Systems	4	IM340	Database Management	4
Sph101	Oral Communications	3	CC102	Presentation & Argumentation	3
	Social Science elective	3		See recommendations	3
Cit215	Systems Analysis & Design	3	IM320	Systems Analysis I	3
Cit235	Web Database Systems	4	IM341	Advanced Database Management	4
Cit255	Web Server Admin.	3		IM Elective	3
	Science Elective	4		See recommendations	4
	General Elective	3		See Business or Accounting recommendations	3



**CCAC: CIT: E-Commerce**  
**Carlow University: Bachelor of Science, Major in Information Technology and Management**

**Carlow Required Courses**

<b>Required Accounting Courses at Carlow:</b>					
BSM103	Intro to Business & Mgmt.	3			
BSM202	Business Communications	3			
BSM207	Career Planning Theory & App	1			
BSM304	Principles of Finance	3			
IM203	Advanced Applications	3			
IM215	Intro to Info. Systems Mgmt.	3			
IM321	Systems Analysis II	3			
IM324	PC Hardware	3			
IM325	Operating Systems	3			
IM355	Software Documentation	3			
IM401	Legal Aspects of E-Commerce	3			
BSM460	Internship	3			
BSM490	Senior Comp. Evaluation	1			
MAT 115	Basic Applied Statistics	3	LAI	LAI Mathematics	3
	<b>Total</b>	<b>38</b>			
<b>Core Requirements at Carlow:</b>					
CC 102	Quantitative Reasoning	3	Skill		3
(F)	Fine Arts (Music, Art, Theatre)	3	LAI	Fine Arts	3
(P)	Philosophy	3	LAI	Philosophy	3
(T)	Theology	3	LAI	Theology	3
(W)	Women's Studies	3	LAI	Women's Studies	3
(G)	Global Studies	3	LAI	Global Studies	3
(H)	History	3	LAI	History	3
(N)	Natural Sciences	4	LAI	Natural Sciences	4
(E)	Political Science/Economics	3	LAI	Political Science/Econ.	3
(L)	Literary Arts	3	LAI	EN 101	3

**Courses Equivalencies**  
**CCAC: CIT: Application Software**  
**Carlow University: Bachelor of Science, Major in Information Technology and Management**

CCAC Courses			Carlow Equivalencies		
Cit111	Information/ Programming	4	IM105	Fundamental of Programming	4
Cit115	Information/Hardware	3	IM200	Microcomputer Concepts & Applications	3
Eng101	Eng. Composition	3	CC100	College Writing & Research	3
	Mathematics elective	3		See recommendations	3
Sph101	Oral Communications	3	CC101	Presentation & Argumentation	3
Acc104	Financial Accounting	3	ACC105	Principles of Accounting I	3
Cit120	Networking	3	IM360	Telecommunications	3
Cit130	Object Oriented: Java	4	IM354	Java Programming	4
Eng102	Eng. Composition II	3	CC100	College Writing & Research	3
	General Elective	3		See Business or Accounting recommendations	3
Cit125	Web Development	3	IM305	Web Page Authoring	3
Cit161	User Interface Design	4	IM352	Visual Basic Programming	4
Cit230	Database Systems	4	IM340	Database Management	4
	Social Science Elective	3		See recommendations	3
	General Elective	3		See Business or Accounting recommendations	3
Cit215	Systems Analysis & Design	3	IM320	Systems Analysis I	3
Cit245	Data Structures: C++	4	IM353	C++ Programming	4
	Science Elective	4		See recommendations	4
	General Elective	6		See Business or Accounting recommendations	6

**CCAC: CIT: Application Software**  
**Carlow University: Bachelor of Science, Major in Information Technology and Management**

**Carlow Required Courses**

<b>Required Accounting Courses at Carlow:</b>					
BSM103	Intro to Business & Mgmt.	3			
BSM202	Business Communications	3			
BSM207	Career Planning Theory & App	1			
BSM304	Principles of Finance	3			
IM203	Advanced Applications	3			
IM215	Intro to Info. Systems Mgmt.	3			
IM321	Systems Analysis II	3			
IM324	PC Hardware	3			
IM325	Operating Systems	3			
IM355	Software Documentation	3			
IM401	Legal Aspects of E-Commerce	3			
BSM460	Internship	3			
BSM490	Senior Comp. Evaluation	1			
MAT 115	Basic Applied Statistics	3	LAI	LAI Mathematics	3
	Total	38			
<b>Core Requirements at Carlow:</b>					
CC 102	Quantitative Reasoning	3	Skill		3
(F)	Fine Arts (Music, Art, Theatre)	3	LAI	Fine Arts	3
(P)	Philosophy	3	LAI	Philosophy	3
(T)	Theology	3	LAI	Theology	3
(W)	Women's Studies	3	LAI	Women's Studies	3
(G)	Global Studies	3	LAI	Global Studies	3
(H)	History	3	LAI	History	3
(N)	Natural Sciences	4	LAI	Natural Sciences	4
(E)	Political Science/Economics	3	LAI	Political Science/Econ.	3
(L)	Literary Arts	3	LAI	EN 101	3

**Recommendations:** (All courses are listed by the Community College of Allegheny County course numbers. It is not expected that a student complete all of the courses listed).

**Mathematics:** (Science majors choose two courses. All other majors choose one course).  
MAT111, MAT120, MAT142, MAT165, MAT201, MAT202

**Humanities and General Elective recommendations:**  
(Choose one course from each area as schedule allows)  
ENG115, Introduction to Literature

HIS 104 or HIS 105, U. S. History I, or II

PH101 or PH111, Philosophy

ART 100, ART 103 or ART 104, An Art course

**Social Science Elective:**  
(Choose one course)

PSY 101, SOC 101 or PSY 210

**Political Science/Economics:**

POL 101, POL 103, ECO 102 or ECO 103

**Speech Elective:**

SPH 101, Oral Communication

**Science Elective:**

BIO 110 or BIO 151 Biology

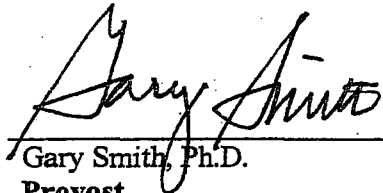
**Business/Accounting Electives (For Business/Accounting/CIT majors):**

BUS 101, BUS 103, BUS 104, BUS 108, BUS122, BUS251 and/or BUS130  
MAT161  
ACC 204 and/or ACC211  
CIT140, CIT141

ARTICULATION AGREEMENT  
BETWEEN  
COMMUNITY COLLEGE OF ALLEGHENY COUNTY  
AND CARLOW UNIVERSITY

**Signature Page**

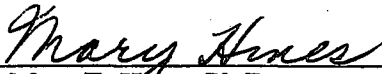
We the undersigned, representing Carlow University and the Community College Of Allegheny County, hereby agree to abide in good faith by the following agreement.



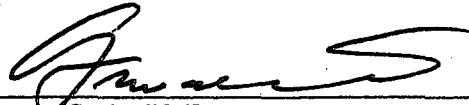
Gary Smith, Ph.D.  
**Provost**  
Carlow University



Wendy Weiner, Ph.D.  
**VP for Academic Affairs**  
Community College of Allegheny County



Mary E. Hines, Ph.D.  
**President**  
Carlow University



Stewart Sutin, Ph.D.  
**President**  
Community College of Allegheny County

Date August 21, 2006

## Letter of Intent

I plan to enroll at

\_\_\_\_\_ as a

\_\_\_\_\_ major upon completion of  
my Associate in Arts/Associate in Science degree at the Community College of  
Allegheny County. I understand that my signature on this letter entitles me to the terms  
of the Guaranteed Articulation Agreement between the Community College of Allegheny  
County and Carlow University. I am familiar with the terms of the agreement and want  
to participate in this program, and I grant Community College of Allegheny County  
permission to provide my transcripts to Carlow University.

\_\_\_\_\_  
Student's Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Institutional Representative  
*Community College of Allegheny County*

\_\_\_\_\_  
Date

\_\_\_\_\_  
Institutional Representative  
*Carlow University*

\_\_\_\_\_  
Date