

Office of Engaged Outreach  
One University Drive  
P.O. Box 1510  
Pembroke, NC 28372-1510  
(910) 775-4075

February 28, 2014

Dr. G. Dennis Massey  
President  
Pitt Community College  
P.O. Drawer 7007  
Greenville, NC 27835

Dear Dr. Massey:

The College of Arts and Sciences has recommended the establishment of an articulation agreement for transfer of courses in the Associate in Applied Science Degree in Biotechnology (A2010) at Pitt Community College into the Biotechnology program at The University of North Carolina at Pembroke.


Attached is a list of the course equivalencies of Biotechnology (A2010) curriculum courses from Pitt Community College and courses from The University of North Carolina at Pembroke. The articulation agreement and course equivalencies have been reviewed and revised by UNCP administrators/faculty for your consideration.

Please keep in mind that qualified faculty members must teach all courses accepted for transfer to The University of North Carolina at Pembroke. Faculty teaching courses for transfer must meet the standards set forth in **Principles for Accreditation**, section 3.7.1 by the Southern Association of Colleges and School.

After signing, please forward two copies of this agreement to me. The updated Biotechnology agreement between Pitt Community College and The University of North Carolina at Pembroke will be effective March 15, 2014.

Please call if I can be of further assistance.

Sincerely,

  
Cammie Hunt  
Associate Vice Chancellor  
Engaged Outreach

Each party has caused this Agreement to be executed by its duly authorized representatives as of March 15, 2014.

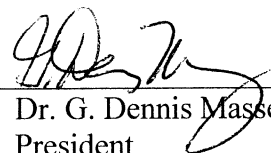
The University of North Carolina  
At Pembroke



---

Dr. Kenneth D. Kitts  
Provost and Vice Chancellor

Pitt  
Community College



---

Dr. G. Dennis Massey  
President

**Articulation Agreement**  
**In Biotechnology Baccalaureate Program**  
**between the University of North Carolina at Pembroke**  
**and Pitt Community College**

This agreement is applicable to students who complete the Associate of Applied Science degree in Biotechnology (A2010) from Pitt Community College and transfer to the University of North Carolina at Pembroke and major in Biotechnology. Regardless of hours transferred, students will be required to complete the requirements for the BS in Biotechnology from the University of North Carolina at Pembroke.

**Pitt Community College**  
**Courses:**

**University of North Carolina at Pembroke**  
**Courses:**

<b>Number</b>	<b>Course Title</b>	<b>Credit Hours</b>	<b>Number</b>	<b>Course Title</b>	<b>Credit Hours</b>
ACA 111 <b>Or</b> ACA 122	College Student Success  College Transfer Student Success	1  1	FRS 1000	Freshman Seminar	1
ENG 111	Expository Writing	3	ENG 1050	Composition I	3
	Communications Electives (Select <b>one</b> course)				
ENG 112 <b>Or</b> ENG 113 <b>Or</b> ENG 114	Argument Based Research  Literature Based Research  Professional Research & Reporting	3  3  3	ENG 1060  ENG 1060  ENG 1060	Composition II  Composition II  Composition II	3  3  3
	Humanities/Fine Arts Elective	3	***		3
	Social/Behavioral Sciences Elective	3	***		3
	Mathematics Electives (Select <b>one</b> course)				
MAT 110 <b>Or</b> MAT 115 <b>Or</b> MAT 161 <b>Or</b> MAT 175 and MAT 175A	Mathematical Measurement  Mathematical Models  College Algebra Pre-calculus <b>and</b> Pre-calculus LAB	3  3  3  1	N/A  MAT 1050  MAT 1070  MAT 1090	  Introduction to College Mathematics College Mathematics  Precalculus	  3  3  4
	<b>Major Courses</b>				
BIO 111	General Biology I and Lab	4	BIO 1000 BIO 1000L	Principles of Biology Principles of Biology Lab	3 1
BIO 112	General Biology II and Lab	4	BIO 0010	BIO Electives	4
BIO 275	Microbiology	4	BIO 3150	Microbiology	4
BTC 181	Basic Lab Techniques	4	ELE 0010	General Electives	4
BTC 250	Principles of Genetics	3	BIO 0010	Biology Electives	3
BTC 281	Bioprocess Techniques	4	CHM 0010	Chemistry Electives	4
BTC 285	Cell Culture	5	BIO 0010	Biology Electives	5

CHM 132	Organic and Biochemistry	4	CHM 2500	Organic Chemistry I	4
CIS 110	Introduction to Computers	3	CSC 1000	Introduction to Computers	3
	Chemistry Electives (Select <b>one</b> course)				
CHM 131 <b>Or</b>	Introduction to Chemistry <b>AND</b> CHM 131A	3	CHM 1300	General Chemistry I	3
	Introduction to Chemistry Lab	1	CHM 1100	General Chemistry Lab I	1
CHM 151	General Chemistry I	4	CHM 1300	General Chemistry I	3
			CHM 1100	General Chemistry Lab I	1
	Science Electives (Select <b>two</b> courses)				
BTC 275	Industrial Microbiology	4	ELE 0010	General Elective	4
BTC 286	Immunological Techniques	4	ELE 0010	General Elective	4
CHM 152	General Chemistry II	4	CHM 1310 CHM 1110	General Chemistry II General Chemistry Lab II	3
PHY 110 PHY 110A <b>Or</b>	Conceptual Physics Conceptual Physics Lab	3 1	PHY 1000 ELE 0010	Elementary Physics I General Electives	3 1
PHY 151	College Physics	4	PHY 1500 PHY 1560	College Physics I College Physics Lab I	3 1
	Experience Elective (Select <b>one</b> course)	3	ART 1330	Introduction to Painting	3
BTC 288	Biotechnology Experience	3	BIO 0010	Biology Elective	3
COE 112	Co-op Work Experience I	2		N/A	

## Notes:

1. To be admitted under this agreement, the student must have a 2.0 g.p.a.
2. Students must take a minimum of 9 hours of Writing Intensive courses and must complete the rest of UNC Pembroke's General Education Requirement to complete the 120 hours for the degree to include two physical education and wellness courses.
3. **A minimum of 25% of the semester hours needed for this degree must be completed in residence at UNC Pembroke.**
4. \*\*\*See <https://braveweb.uncp.edu/external/articulation/> for how courses will transfer.