

**Spring 2011 PAC Voting Summary by Articulation Agreement**

**Proposed Statewide Agreement: BIOLOGY**

**Decision: Approved by TAOC on June 9, 2011**

**Vote:**

Accept 31  
 Reject 3  
 No Vote Submitted 2

TAOC Institution	Accept	Reject	No Vote
Bloomsburg University	X		
Bucks County Community College	X		
Butler County Community College	X		
California University	X		
Carlow University	X		
Chatham University			X
Cheyney University	X		
Clarion University		X	
Community College of Allegheny County	X		
Community College of Beaver County	X		
Community College of Philadelphia	X		
Delaware County Community College	X		
East Stroudsburg University			X
Edinboro University	X		
Harrisburg Area Community College	X		
Indiana University	X		
Kutztown University	X		
Lackawanna College	X		
Lehigh Carbon Community College	X		
Lincoln University	X		
Lock Haven University	X		
Mansfield University of Pennsylvania	X		
Millersville University		X	
Montgomery County CC	X		
Northampton Community College	X		
PA Commission for CC	X		
PASSHE		X	
Pennsylvania College of Technology	X		
Pennsylvania Highlands CC	X		
Reading Area Community College	X		
Saint Francis University	X		
Shippensburg University	X		
Slippery Rock University	X		
West Chester University	X		
Westmoreland County CC	X		
Luzerne County Community College	X		

**Comments:**

**Clarion University (REJECT)**

Comments from the Biology Dept. Chair:

1. It is unclear to me whether or not a student completing this Associates degree level would be completing both General Chemistry I & II AND Organic Chemistry I & II, or just Organic Chem. If an articulation student came to Clarion without Gen Chem, it would most likely cost him/her an extra year.
2. I would recommend adding Cell Biology to the 1.B. list of content specific areas - it is a required sophomore core course for our Bio majors.
3. What is the minimum number of Biology courses? I would consider 16 cr the minimum, not maximum. A Biology major with "junior" level standing at Clarion is expected to have completed ALL of the following: Principles of Bio I & II (8cr) Genetics (3cr) Ecology (3cr) Cell Biology (3cr) General Chemistry I & II (8cr) Organic Chemistry I & II (8cr)
4. Appendix I states a maximum of 8 cr should be chosen from Category 4. A Biology major would need a minimum of 16 cr from this list, and specifically Principles of Biology I & II and General Chemistry I & II. If other courses from this list were chosen instead, a student might not be able to complete the Biology major in only 2 years at Clarion.
5. If a student is missing more than one of our sophomore core courses (Genetics, Ecology, Cell Bio), it is also unlikely they would be able to complete Clarion's Bio major in only two additional years because of the nature of the series of prerequisites.

I hope that helps. Thanks for your consideration. Val Bennett

#### **Luzerne County Community College (ACCEPT)**

Transfer issues, which include standards for student performance and percentage of major coursework, should be removed from the agreement as they are addressed in the STATEWIDE PROGRAM-TO-PROGRAM ARTICULATION AGREEMENT in PENNSYLVANIA [DRAFT Last Updated: March 21, 2011]

#### **Millersville University (REJECT)**

There are significant concerns about the equivalency of introductory courses specified in the draft agreement. Specifically, the competencies in Microbiology are clearly not equivalent of those in our 400-level Microbiology course. Similarly, an introductory ecology course is not equivalent to our 300-level Ecology & Evolution course. Finally, the genetics competencies are insufficient to warrant awarding of credit for our genetics course. As a result, a student who would transfer to MU under this agreement would have completed introductory bits and pieces of some of our courses, but would not have sufficient understanding to skip those advanced courses in the curriculum. In short, the organization of the material in the proposal is a very poor fit with our curriculum. Our recommendation would be to completely re-vamp the proposal, to stay away from introductory courses in microbiology, genetics and ecology and replace these with rigorous introductions to zoology and botany.

#### **PASSHE (REJECT)**

Worry about organic chem (it is a bit deceptive since you really need also 8 hours of chem in the foundation courses I think – in the Chem description it was noted that some institutions do NOT require two semesters of general chem prior to organic so this should be clarified). Also is a lab also required for the organic chem as in the chem requirements or not – should be clear).

#### **West Chester University (ACCEPT)**

Still not clear how the competencies convert in to credits (which is the currency of degree requirements), especially in the area of laboratories.

**Proposed Statewide Agreement: BUSINESS**

**Decision: Approved by TAOC on June 9, 2011**

**Vote:**

Accept 32  
 Reject 2  
 No Vote Submitted 2

TAOC Institution	Accept	Reject	No Vote
Bloomsburg University	X		
Bucks County Community College	X		
Butler County Community College	X		
California University	X		
Carlow University	X		
Chatham University			X
Cheyney University	X		
Clarion University		X	
Community College of Allegheny County	X		
Community College of Beaver County	X		
Community College of Philadelphia	X		
Delaware County Community College	X		
East Stroudsburg University			X
Edinboro University	X		
Harrisburg Area Community College	X		
Indiana University	X		
Kutztown University	X		
Lackawanna College		X	
Lehigh Carbon Community College	X		
Lincoln University	X		
Lock Haven University	X		
Mansfield University of Pennsylvania	X		
Millersville University	X		
Montgomery County CC	X		
Northampton Community College	X		
PA Commission for CC	X		
PASSHE	X		
Pennsylvania College of Technology	X		
Pennsylvania Highlands CC	X		
Reading Area Community College	X		
Saint Francis University	X		
Shippensburg University	X		
Slippery Rock University	X		
West Chester University	X		
Westmoreland County CC	X		
Luzerne County Community College	X		

**Comments:**

**Clarion University (REJECT)**

Hi Rachelle, I would recommend that you vote “no” on this proposal. Our department chairs in marketing and management will not accept Principles of Management and Principles of Marketing courses from community colleges as being equivalent to our junior-level Management Theory &

Practice and Principles of Marketing courses. Students who transfer the community college course Principles of Management are given credit for MGMT 121: Fundamentals of Management, a course that counts as a free elective. Those students who transfer a Principles of Marketing course are granted credit for MKTG 2xx, once again, a course that is used as a free elective. Both the Marketing Department and the Administrative Science (Management) Department will allow students who have taken community college courses in their respective discipline to take a comprehensive examination in those areas. If a student earns a score 70% or better on such a test, then he/she is given credit for our required junior-level course in that discipline. Please let me know if you have any questions. Regards,  
Jim Dr. James G. (Jim) Pesek, Ph.D. Dean College of Business Administration

**Delaware County Community College (ACCEPT)**

With Business we will have to be very prescriptive for our students who wish to transfer. I believe that students will end up taking courses that will need to transfer as electives before they decide where they are going to transfer. Consequently, this will not be seamless.

**Lackawanna College (REJECT)**

Due to limited resources and student demand, Business Calculus I and II are unrealistic for our institution to offer as part of an associate degree.

**Luzerne County Community College (ACCEPT)**

Need Clarification on "A student must earn a minimum grade point average of 2.0 or better in all Required Major-Specific Content". Is this referring to the GPA for the major or individual course grades?

**Millersville University (ACCEPT)**

We appreciate the hard work of the Business PAC members. Congratulations.

**Saint Francis University (ACCEPT)**

We request that the International Assembly for Collegiate Business Education (IACBE) be included along with the other two business accrediting agencies already mentioned in the agreement. The business programs at both Saint Francis University and Pennsylvania College of Technology are accredited by IACBE, and both institutions are participating in the transfer articulation process. There are seven other colleges and universities in the state also affiliated with IACBE. The CHEA home page lists all three business accrediting agencies and they share the same status.

**West Chester University (ACCEPT)**

The proposed agreement is written in such a way that it attempts to protect AACSB accredited institutions given the constraints of the TAOC framework. Having said that, faculty feel it is unreasonable to ask four-year institutions to accept all credits towards an AA degree without limit as long as they are meeting competencies and still be constrained to offer a degree within 120 credits.

**Proposed Statewide Agreement: CHEMISTRY**

**Decision: Approved by TAOC on June 9, 2011**

**Vote:**

Accept 34  
 Reject 0  
 No Vote Submitted 2

TAOC Institution	Accept	Reject	No Vote
Bloomsburg University	X		
Bucks County Community College	X		
Butler County Community College	X		
California University	X		
Carlow University	X		
Chatham University			X
Cheyney University	X		
Clarion University	X		
Community College of Allegheny County	X		
Community College of Beaver County	X		
Community College of Philadelphia	X		
Delaware County Community College	X		
East Stroudsburg University			X
Edinboro University	X		
Harrisburg Area Community College	X		
Indiana University	X		
Kutztown University	X		
Lackawanna College	X		
Lehigh Carbon Community College	X		
Lincoln University	X		
Lock Haven University	X		
Luzerne County Community College	X		
Mansfield University of Pennsylvania	X		
Millersville University	X		
Montgomery County CC	X		
Northampton Community College	X		
PA Commission for CC	X		
PASSHE	X		
Pennsylvania College of Technology	X		
Pennsylvania Highlands CC	X		
Reading Area Community College	X		
Saint Francis University	X		
Shippensburg University	X		
Slippery Rock University	X		
West Chester University	X		
Westmoreland County CC	X		

**Comments:**

**Bloomsburg University of Pennsylvania (ACCEPT)**

Suggest including under the calculus section of a minimum of 8 credits including "multivariable calculus"

**Clarion University of Pennsylvania (ACCEPT)**

Message from Chemistry Dept. Chair: I'm very happy to see that virtual labs are specifically excluded. My department feels very strongly that hands-on experience with real equipment is absolutely necessary.

**Luzerne County Community College (ACCEPT)**

Should clarify: In addition, many institutions have a minimum grade requirement of a "C" in Chemistry coursework. Associate Degree students must also meet the GPA requirements of coursework outside of chemistry that are required for the Chemistry major (e.g. Mathematics requires a grade of C). Suggest adding language "if they are considered department policy and apply to both native and transferring students"

**West Chester University of Pennsylvania (ACCEPT)**

The chair of Chemistry notes: This agreement is not supposed to change our programs in any way but there are some problems. Our organic chemistry sequence is seven hours, not six. I am not suggesting that this be a deal-breaker but those institutions that only have six credit hours are technically providing only 80-90% of the exposure to organic chemistry that our program has. Again, it is incumbent upon any institution entering into this agreement with PASSHE that their students obtain all of the required (not recommended) competencies.

**Proposed Statewide Agreement: COMPUTER SCIENCE**

**Decision: Approved by TAOC on June 9, 2011**

**Vote:**

Accept 33  
 Reject 1  
 No Vote Submitted 2

TAOC Institution	Accept	Reject	No Vote
Bloomsburg University	X		
Bucks County Community College		X	
Butler County Community College	X		
California University	X		
Carlow University	X		
Chatham University			X
Cheyney University	X		
Clarion University	X		
Community College of Allegheny County	X		
Community College of Beaver County	X		
Community College of Philadelphia	X		
Delaware County Community College	X		
East Stroudsburg University			X
Edinboro University	X		
Harrisburg Area Community College	X		
Indiana University	X		
Kutztown University	X		
Lackawanna College	X		
Lehigh Carbon Community College	X		
Lincoln University	X		
Lock Haven University	X		
Luzerne County Community College	X		
Mansfield University of Pennsylvania	X		
Millersville University	X		
Montgomery County CC	X		
Northampton Community College	X		
PA Commission for CC	X		
PASSHE	X		
Pennsylvania College of Technology	X		
Pennsylvania Highlands CC	X		
Reading Area Community College	X		
Saint Francis University	X		
Shippensburg University	X		
Slippery Rock University	X		
West Chester University	X		
Westmoreland County CC	X		

**Comments:**

**Bucks County Community College (REJECT)**

The faculty rejected the inclusion of two science courses.

**Delaware County Community College (ACCEPT)**

In looking at Computer Science, we have realized that our degree is really more of an MIS focus. We will use the proposed agreement to develop a transfer degree for CIS.

**Luzerne County Community College (ACCEPT)**

Transfer issues, which include standards for student performance, should be removed from the agreement as they are addressed in the STATEWIDE PROGRAM-TO-PROGRAM ARTICULATION AGREEMENT in PENNSYLVANIA [DRAFT Last Updated: March 21, 2011]



**Proposed Statewide Agreement: CRIMINAL JUSTICE**

**Decision: Rejected by TAOC on June 9, 2011**

**Vote:**

Accept 21  
 Reject 13  
 No Vote Submitted 2

TAOC Institution	Accept	Reject	No Vote
Bloomsburg University		X	
Bucks County Community College	X		
Butler County Community College	X		
California University	X		
Carlow University		X	
Chatham University			X
Cheyney University	X		
Clarion University	X		
Community College of Allegheny County	X		
Community College of Beaver County		X	
Community College of Philadelphia	X		
Delaware County Community College	X		
East Stroudsburg University			X
Edinboro University	X		
Harrisburg Area Community College	X		
Indiana University		X	
Kutztown University		X	
Lackawanna College		X	
Lehigh Carbon Community College		X	
Lincoln University	X		
Lock Haven University	X		
Luzerne County Community College		X	
Mansfield University of Pennsylvania	X		
Millersville University		X	
Montgomery County CC	X		
Northampton Community College		X	
PA Commission for CC		X	
PASSHE		X	
Pennsylvania College of Technology	X		
Pennsylvania Highlands CC	X		
Reading Area Community College	X		
Saint Francis University	X		
Shippensburg University	X		
Slippery Rock University	X		
West Chester University		X	
Westmoreland County CC	X		

**Comments:**

**Bloomsburg University of Pennsylvania (REJECT)**

Concur with the concerns of CC of Beaver and West Chester. We need to have the elements of the articulation revisited, specifically addressing the concerns of record.

**Carlow University (REJECT)**

- 1) The ACJS standards are the "gold standard" in some criminal justice circles, but are not thought of as such in all programs. There would be a lot of controversy among various types of programs as to whether these standards could be reached by most schools. My guess is that community colleges and proprietary schools could not reach these standards, and many 4 year programs could not as well. Some programs are more applied and would choose not to adopt these standards, which are more "criminological theory" based vs. applied.
- 2) One objection might be the minimum of a master's degree to teach in these programs. It is common practice to have distinguished practitioners teaching in both 2 and 4 year programs in criminal justice. This alone would knock out a lot of programs and schools.
- 3) Another is the failure to accept police academy and other relevant training. It is common in PA for police academies to be a part of a community college program. Many 2 and 4 year schools in PA accept police academy training for a significant number of credits on transfer.
- 4) Using the standards vs. specific coursework being spelled out would be subject to wide variations in interpretation. Who would decide if a program met all the standards?
- 5) Overall, it's a tough articulation due to the wide variations within the programs in this field. There are the criminology academicians vs. the applied criminal justice practitioners and everything in between.

**Cheyney University of Pennsylvania (ACCEPT)**

There was some reservation expressed about criminal justice because of the proposed police academy credits but, this was resolved with understanding that majority of credits will still be earned at the 4 year institution.

**Community College of Beaver County (REJECT)**

Mandating in an articulation agreement, qualifications of faculty, is outside the scope of an agreement.

**Delaware County Community College (ACCEPT)**

CJ still contains language about credentials that takes us down a path we don't wish to travel.

**Indiana University of Pennsylvania (REJECT)**

The Department of Criminology at IUP very strongly opposes the current version of the Statewide Program-to-Program Articulation in Criminal Justice, for several reasons. First, under section F. Academic Standards for Criminal Justice Coursework it indicates that no more than 12 credits for criminal justice specific coursework can be awarded for work and/or life experience. We are totally opposed to accepting any credits granted for life or work experience. While these may be valuable experiences that serve the student well in terms of their overall development and that may even augment their educational experiences, they are not academic experiences. The degrees being awarded are academic degrees. There are vast (and necessary and appropriate) differences between academic programs and training programs. This also is contrary to the standards of the Academy of Criminal Justice Sciences (ACJS), which the Committee has used as the framework and guide for this agreement. Standard D.3. clearly indicates that "No academic credit is awarded by the criminal justice program for life experience or for military, police academy, or other professional training." If such credits are permitted, to be in compliance with ACJS standards, they could be transferred in only as free electives and could not come in with CRIM prefix. We generally have concerns about giving academic credit for a life/work experience (even as free electives), and we are particularly concerned about whether it will even be possible for the Transfer Office to identify which are such courses. If they cannot, how can we

then guarantee that they will not come in as CRIM courses? We would again urge that this part of the agreement be changed to indicate that no such credits will be accepted for academic credit. Such experiential credits are not consistent with the nature and focus of our academic courses and do not fit into our curriculum as a Department of Criminology. In addition, they violate ACJS certification standards. Another major issue for us is that it is not stipulated in the articulation agreement that 100 and 200 level courses cannot transfer in at a higher level (i.e., 300, 400), which we recommended when we offered comments on the original draft. If this is not to be delineated then it must say clearly that this decision will rest solely with the accepting institution. This is a very great concern for us and one which we have already had to address here at IUP. We also have some concerns about the extended time frame that is given to Community Colleges to come into compliance with the ACJS standard on educational credentials for faculty (see section F. Educational credentials of criminal justice faculty members and ACJS standard C.4.) We understand some time will be needed, but five years seems to be excessive. We would argue for something more like two years.

### **Kutztown University of Pennsylvania (REJECT)**

There are, to be sure, some good things in here. Requiring community college professors to have, at a minimum, a master's degree or a JD is great. Limiting the number of criminal justice classes to seven is also very good. We have, over the years, made a practice of asking for more CJ classes to count, which is not good. The problem, and it's a big problem, is Life Experience (p.3). The ACJS guidelines, which this committee includes on the last page of the proposal (D 3) says: "No academic credit is awarded by the criminal justice program for life experience or for the military, police academy, or other professional training." That's about as clear as it gets. But then, if I am reading this correctly, this committee voted to allow Life Experience: "No more than a total of 12 credits for criminal justice specific coursework can be awarded for life experience, military training or coursework, police academy coursework, or similar professional training and coursework" (p. 3). Military training is not academic training, even if it's for the military police. Coursework at a police academy is not the same as academic coursework. And, I'm not sure what "similar coursework" is. I know that handing out credits for life experience is a national trend. How can a four year criminal justice program apply for ACJS certification—in good conscience—knowing that they accepted 12 credits of life experience? So, my recommendation is to vote no. Once they strike the Life Experience clause, I would recommend a yes vote. Additional component of the rationale for a NO vote: Carlos and Anne, to strengthen the "no" vote.... I just found out that instructors at the police academy will only need an AA degree. The stipulation requiring community college "professors" to have a master's degree will be phased in over five years. And, universities will have no input re: what community colleges will "life experience" credit for. So, someone could be a security guard at Dorney Park and RACC could give them 12 credits. ACJS evaluators will not let this slide.

### **Lackawanna College (REJECT)**

Our institution takes issue with the police academy credits.

### **Lehigh Carbon Community College (REJECT)**

The program to program articulation program looks good. However, due to the statement on required faculty credentials at the Community Colleges, I am registering a No vote. While our faculty meet and exceed the requirements, the No vote is based on principle. It is not appropriate to have statements on faculty credentials as part of a transfer agreement.

**Luzerne County Community College (REJECT)**

1. Conditions of employment, which includes faculty credentials, should be removed from the agreement.
2. Transfer issues, which include standards for student performance and percentage of major coursework, should be removed from the agreement as they are addressed in the STATEWIDE PROGRAM-TO-PROGRAM ARTICULATION AGREEMENT in PENNSYLVANIA [DRAFT Last Updated: March 21, 2011]

**Millersville University of Pennsylvania (REJECT)**

In general, the competencies identified are vague at best. Totally missing is anything that would teach students completing theoretical perspectives on the operation of the criminal justice system and any exposure to the evidence-based practices currently reshaping the criminal justice world. The section marked competencies looks like the table of contents for a rather dated introductory textbook on criminal justice. The provision on page 3 that 12 credits of criminal justice course work can be awarded for "life experience, military training or coursework, police academy training or coursework, or similar professional training or coursework." is troubling. ACJS recommends against this. Those training programs teach people how to perform a job; they do not provide an academic experience. Awarding nearly 1/2 of the credits required for the CJ concentration at the associate's level will do these students a disservice.

**Northampton County Area Community College (REJECT)**

Establishing teaching and/or degree credentials of faculty is not the intent of the TAOC legislation.

**PA Commission for CC (REJECT)**

From the outset of this process, PACs have been informed to focus on competencies for the major NOT faculty qualifications. This agreement usurps the intent of the statutory language.

**PASSHE (REJECT)**

The requirement for faculty qualifications exceeds the scope of the work assigned to the PAC. In addition, the concept of "block" credit appears to be an issue for registrars and a mechanism of transfer and not within the scope of the PAC in terms of identifying the competencies required. The nature of the agreement is to force institutions to meet ACJS standards which may good a good idea may not be imposed on institutions and not that many institutions across the country have ACJS status.

**West Chester University of Pennsylvania (REJECT)**

The expectation that four-year institutions need to accept 12 credits of military training, police academy training, life experience, etc., that has been awarded as academic credit by community colleges is not acceptable. That is 10 percent of the credits needed for a B.S. in Criminal Justice. Military training and police academy training do not meet the mission, goals, nor purposes of higher education.

**Proposed Statewide Agreement: EARTH SCIENCE**

**Decision: Approved by TAOC on June 9, 2011**

**Vote:**

Accept 33  
 Reject 0  
 No Vote Submitted 3

TAOC Institution	Accept	Reject	No Vote
Bloomsburg University	X		
Bucks County Community College	X		
Butler County Community College	X		
California University	X		
Carlow University	X		
Chatham University			X
Cheyney University	X		
Clarion University			X
Community College of Allegheny County	X		
Community College of Beaver County	X		
Community College of Philadelphia	X		
Delaware County Community College	X		
East Stroudsburg University			X
Edinboro University	X		
Harrisburg Area Community College	X		
Indiana University	X		
Kutztown University	X		
Lackawanna College	X		
Lehigh Carbon Community College	X		
Lincoln University	X		
Lock Haven University	X		
Luzerne County Community College	X		
Mansfield University of Pennsylvania	X		
Millersville University	X		
Montgomery County CC	X		
Northampton Community College	X		
PA Commission for CC	X		
PASSHE	X		
Pennsylvania College of Technology	X		
Pennsylvania Highlands CC	X		
Reading Area Community College	X		
Saint Francis University	X		
Shippensburg University	X		
Slippery Rock University	X		
West Chester University	X		
Westmoreland County CC	X		

**Comments:**

**Bloomsburg University (ACCEPT)**

Concerned that agreement doesn't require content pertaining to the history of the earth.

**Luzerne County Community College (ACCEPT)**

Transfer issues, which include standards for student performance, should be removed from the agreement as they are addressed in the STATEWIDE PROGRAM-TO-PROGRAM ARTICULATION AGREEMENT in PENNSYLVANIA [DRAFT Last Updated: March 21, 2011]

**Montgomery County CC (ACCEPT)**

It appears that this articulation agreement may be preparatory for students who are interested in becoming secondary school teachers in Earth Science; however, it appears to be lacking the Secondary Education competencies/alignment for employability. It is also unclear if non-major and/or major level science courses will both articulate.

**Proposed Statewide Agreement: ENGLISH**

**Decision: Approved by TAOC on June 9, 2011**

**Vote:**

Accept 31  
 Reject 2  
 No Vote Submitted 3

TAOC Institution	Accept	Reject	No Vote
Bloomsburg University	X		
Bucks County Community College	X		
Butler County Community College	X		
California University	X		
Carlow University	X		
Chatham University			X
Cheyney University	X		
Clarion University			X
Community College of Allegheny County	X		
Community College of Beaver County	X		
Community College of Philadelphia	X		
Delaware County Community College	X		
East Stroudsburg University			X
Edinboro University	X		
Harrisburg Area Community College	X		
Indiana University	X		
Kutztown University	X		
Lackawanna College	X		
Lehigh Carbon Community College	X		
Lincoln University	X		
Lock Haven University	X		
Luzerne County CC	X		
Mansfield University of Pennsylvania	X		
Millersville University	X		
Montgomery County CC	X		
Northampton Community College	X		
PA Commission for CC	X		
PASSHE	X		
Pennsylvania College of Technology	X		
Pennsylvania Highlands CC	X		
Reading Area Community College	X		
Saint Francis University		X	
Shippensburg University	X		
Slippery Rock University	X		
West Chester University		X	
Westmoreland County CC	X		

**Comments:**

**Community College of Allegheny County (ACCEPT)**

Two courses (6 credits) of composition are not included in the curriculum.

**Lock Haven University of Pennsylvania (ACCEPT)**

We do not think the PAC for English is appropriate for Secondary English Certification. I guess it may be that we have to do more PACS for each Secondary Certification.

**Luzerne County Community College (ACCEPT)**

Transfer issues, which include standards for student performance, should be removed from the agreement as they are addressed in the STATEWIDE PROGRAM-TO-PROGRAM ARTICULATION AGREEMENT in PENNSYLVANIA [DRAFT Last Updated: March 21, 2011]

**Montgomery County Community College (ACCEPT)**

Faculty expressed concern with requirement of 2 lab science courses. Also noted some typographical errors throughout text.

**Saint Francis University (REJECT)**

Several of our concerns were addressed in the most recent draft. The main concern that remains is that the Major Specific Competency Requirement Item Number 3 requires the completion of 9 credits in British Literature, American Literature, and World Literature at a two-year school. Our students in their second year complete American Literature I (beginnings to 1870) and II (1870 to present) and are responsible for both courses on their comprehensive examination when they graduate. As such though, the general competencies for American Literature do not match either of our two required courses in the sophomore year. And, it seems that we would have to look at the course description for the survey American Literature course the student completed at the two-year school and determine if it can replace either of our two courses. And, we may have to require that a transfer student complete either or both of our required courses from the sophomore year. And, that can create scheduling difficulties for a transfer student. I know that is not the spirit of the agreement that students should enter the junior year of the major, but we are not sure what else to do. We would not want to waive a major requirement that prepares the student for the major comprehensive examination required for graduation. If a survey American Literature course does not count as the major requirement for either ENGL 201 or 201, it will still count as an English major elective. The English major has four courses of major electives. And, the major also has many free electives, so all 60 of the transferred credits should be able to count. We could not vote yes without having this situation clarified.

**West Chester University of Pennsylvania (REJECT)**

There are problems with the list of courses in category 6 - includes too many survey courses and "introduction to literature" courses that are not requirements for our ENG majors. Also does not include 6 credits of composition.



**Proposed Statewide Agreement: ENVIRONMENTAL GEOSCIENCE**

**Decision: Approved by TAOC on June 9, 2011**

**Vote:**

Accept 33  
 Reject 1  
 No Vote Submitted 2

TAOC Institution	Accept	Reject	No Vote
Bloomsburg University	X		
Bucks County Community College	X		
Butler County Community College	X		
California University	X		
Carlow University	X		
Chatham University			X
Cheyney University	X		
Clarion University	X		
Community College of Allegheny County	X		
Community College of Beaver County	X		
Community College of Philadelphia	X		
Delaware County Community College	X		
East Stroudsburg University			X
Edinboro University	X		
Harrisburg Area Community College	X		
Indiana University	X		
Kutztown University	X		
Lackawanna College	X		
Lehigh Carbon Community College	X		
Lincoln University	X		
Lock Haven University	X		
Luzerne County CC	X		
Mansfield University of Pennsylvania	X		
Millersville University	X		
Montgomery County CC		X	
Northampton Community College	X		
PA Commission for CC	X		
PASSHE	X		
Pennsylvania College of Technology	X		
Pennsylvania Highlands CC	X		
Reading Area Community College	X		
Saint Francis University	X		
Shippensburg University	X		
Slippery Rock University	X		
West Chester University	X		
Westmoreland County CC	X		

**Comments:**

**Luzerne County Community College (ACCEPT)**

Transfer issues, which include standards for student performance, should be removed from the agreement as they are addressed in the STATEWIDE PROGRAM-TO-PROGRAM ARTICULATION AGREEMENT in PENNSYLVANIA [DRAFT Last Updated: March 21, 2011]

**Montgomery County Community College (REJECT)**

The proposed articulation agreement does not provide for entry-level (freshman and sophomore) courses within the discipline, which are critical for an enriching, comprehensive associate degree curriculum. It is unclear if these entry-level major courses would be transferred in addition to the articulated credits. Faculty also expressed concern that course learning outcomes are flawed (outdated, lower order, and not reflective of current/future trends).

**Saint Francis University (ACCEPT)**

In Competency Area 14, Origin and Diversity of Life, change the wording to include "the 3 domains and 6 kingdoms of living things," to reflect current biological classification.

**Proposed Statewide Agreement: GEOLOGY**

**Decision: Approved by TAOC on June 9, 2011**

**Vote:**

Accept 34  
 Reject 0  
 No Vote Submitted 2

TAOC Institution	Accept	Reject	No Vote
Bloomsburg University	X		
Bucks County Community College	X		
Butler County Community College	X		
California University	X		
Carlow University	X		
Chatham University			X
Cheyney University	X		
Clarion University	X		
Community College of Allegheny County	X		
Community College of Beaver County	X		
Community College of Philadelphia	X		
Delaware County Community College	X		
East Stroudsburg University			X
Edinboro University	X		
Harrisburg Area Community College	X		
Indiana University	X		
Kutztown University	X		
Lackawanna College	X		
Lehigh Carbon Community College	X		
Lincoln University	X		
Lock Haven University	X		
Luzerne County CC	X		
Mansfield University of Pennsylvania	X		
Millersville University	X		
Montgomery County CC	X		
Northampton Community College	X		
PA Commission for CC	X		
PASSHE	X		
Pennsylvania College of Technology	X		
Pennsylvania Highlands CC	X		
Reading Area Community College	X		
Saint Francis University	X		
Shippensburg University	X		
Slippery Rock University	X		
West Chester University	X		
Westmoreland County CC	X		

**Comments:**

**Luzerne County Community College (ACCEPT)**

Transfer issues, which include standards for student performance, should be removed from the agreement as they are addressed in the STATEWIDE PROGRAM-TO-PROGRAM ARTICULATION AGREEMENT in PENNSYLVANIA [DRAFT Last Updated: March 21, 2011]

**Saint Francis University (ACCEPT)**

In Competency Area 14, Origin and Diversity of Life, change the wording to include "the 3 domains and 6 kingdoms of living things," to reflect current biological classification.

**West Chester University (ACCEPT)**

1. In Appendix B, Category 4 requirements, Introduction to GEOLOGY should be listed among the courses in the Transfer Credit Framework. Introduction to Astronomy is the final course listed, but this would not count toward a graduation requirement in our Geology program. Since geology can be part of a program in Geology, Earth Science, Environmental Geoscience, Physical Oceanography, and possibly even Meteorology, Introductory Geology should definitely be a selection among the Category 4 courses.
2. NOT a major concern, but a suggestion: the faculty agree with the Recommended General Content Area of Geographic Information Systems on pages 4-5. They would add Statistics (one 3-credit course) as a Recommended General Content Area. This would make the Geology major articulation consonant with Environmental Geoscience (and with our program). Further comments by faculty: Other than that concern, I found only typos in Appendix A:
3. I see no problems with the REQUIRED major-specific Content Areas on page 1.
4. I see no problems with the competencies for Geology on page 2, and in Appendix C.
5. I see no problems with the competencies for Calculus, Physics and Chemistry on pages 2-4, and in Appendices D-F.
6. In Appendix A: Program-to-Program Articulation Agreement for Geology – there are 2 errors (typos?) in the second table on page 6. The header “Earth Science Majors are REQUIRED to take...” and “Earth Science Majors are RECOMMENDED to take...” should be changed to read GEOLOGY majors instead of Earth Science majors. Also, in the entry for Category 4, after the listing of Chemistry I and II, the sentence mistakenly refers to Category 3 requirements, when it should refer to Category 4 requirements.

**Proposed Statewide Agreement: METEOROLOGY**

**Decision: Approved by TAOC on June 9, 2011**

**Vote:**

Accept 32  
 Reject 1  
 Abstain 1  
 No Vote Submitted 2

TAOC Institution	Accept	Reject	Abstain	No Vote
Bloomsburg University	X			
Bucks County Community College	X			
Butler County Community College	X			
California University	X			
Carlow University	X			
Chatham University				X
Cheyney University	X			
Clarion University	X			
Community College of Allegheny County	X			
Community College of Beaver County	X			
Community College of Philadelphia	X			
Delaware County Community College	X			
East Stroudsburg University				X
Edinboro University	X			
Harrisburg Area Community College	X			
Indiana University	X			
Kutztown University	X			
Lackawanna College	X			
Lehigh Carbon Community College	X			
Lincoln University	X			
Lock Haven University	X			
Luzerne County CC	X			
Mansfield University of Pennsylvania			X	
Millersville University	X			
Montgomery County CC	X			
Northampton Community College	X			
PA Commission for CC	X			
PASSHE		X		
Pennsylvania College of Technology	X			
Pennsylvania Highlands CC	X			
Reading Area Community College	X			
Saint Francis University	X			
Shippensburg University	X			
Slippery Rock University	X			
West Chester University	X			
Westmoreland County CC	X			

**Comments:**

**Luzerne County Community College (ACCEPT)**

Transfer issues, which include standards for student performance, should be removed from the agreement as they are addressed in the STATEWIDE PROGRAM-TO-PROGRAM ARTICULATION AGREEMENT in PENNSYLVANIA [DRAFT Last Updated: March 21, 2011]

**Mansfield University of Pennsylvania (ABSTAIN)**

I did not vote on these three programs because we have no equivalent programs at Mansfield. I have no objections but also no curricula to which to match these programs, and therefore no basis for voting.

**PASSHE (REJECT)**

Calls for 66 hours (lots of math and 10 hours of physics instead of 8 as in some others)

**Proposed Statewide Agreement: PHYSICAL OCEANOGRAPHY**

**Decision: Approved by TAOC on June 9, 2011**

**Vote:**

Accept 32  
 Reject 1  
 Abstain 1  
 No Vote Submitted 2

TAOC Institution	Accept	Reject	Abstain	No Vote
Bloomsburg University	X			
Bucks County Community College	X			
Butler County Community College	X			
California University	X			
Carlow University	X			
Chatham University				X
Cheyney University	X			
Clarion University	X			
Community College of Allegheny County	X			
Community College of Beaver County	X			
Community College of Philadelphia	X			
Delaware County Community College	X			
East Stroudsburg University				X
Edinboro University	X			
Harrisburg Area Community College	X			
Indiana University	X			
Kutztown University	X			
Lackawanna College	X			
Lehigh Carbon Community College	X			
Lincoln University	X			
Lock Haven University	X			
Luzerne County CC	X			
Mansfield University of Pennsylvania			X	
Millersville University	X			
Montgomery County CC	X			
Northampton Community College	X			
PA Commission for CC	X			
PASSHE		X		
Pennsylvania College of Technology	X			
Pennsylvania Highlands CC	X			
Reading Area Community College	X			
Saint Francis University	X			
Shippensburg University	X			
Slippery Rock University	X			
West Chester University	X			
Westmoreland County CC	X			

**Comments:**

**Luzerne County Community College (ACCEPT)**

Transfer issues, which include standards for student performance, should be removed from the agreement as they are addressed in the STATEWIDE PROGRAM-TO-PROGRAM ARTICULATION AGREEMENT in PENNSYLVANIA [DRAFT Last Updated: March 21, 2011]

**Mansfield University of Pennsylvania (ABSTAIN)**

I did not vote on these three programs because we have no equivalent programs at Mansfield. I have no objections but also no curricula to which to match these programs, and therefore no basis for voting.

**PASSHE (REJECT)**

Seems to require more hours of math than all of the others and not sure why.



**Proposed Statewide Agreement: PHYSICS**

**Decision: Approved by TAOC on June 9, 2011**

**Vote:**

Accept 33  
 Reject 0  
 Abstain 1  
 No Vote Submitted 2

TAOC Institution	Accept	Reject	Abstain	No Vote
Bloomsburg University	X			
Bucks County Community College	X			
Butler County Community College	X			
California University	X			
Carlow University	X			
Chatham University				X
Cheyney University	X			
Clarion University	X			
Community College of Allegheny County	X			
Community College of Beaver County	X			
Community College of Philadelphia	X			
Delaware County Community College	X			
East Stroudsburg University				X
Edinboro University	X			
Harrisburg Area Community College	X			
Indiana University	X			
Kutztown University	X			
Lackawanna College	X			
Lehigh Carbon Community College	X			
Lincoln University	X			
Lock Haven University	X			
Luzerne County CC	X			
Mansfield University of Pennsylvania			X	
Millersville University	X			
Montgomery County CC	X			
Northampton Community College	X			
PA Commission for CC	X			
PASSHE	X			
Pennsylvania College of Technology	X			
Pennsylvania Highlands CC	X			
Reading Area Community College	X			
Saint Francis University	X			
Shippensburg University	X			
Slippery Rock University	X			
West Chester University	X			
Westmoreland County CC	X			

**Comments:**

**Bloomsburg University of Pennsylvania (ACCEPT)**

1. Only physics I & II are required. That means all of the upper level courses will need to be taken in two years to graduate on time. Currently our upper level courses are on a two year rotation cycle.
2. It recommended that students take differential equations during their first two years at community college. Usually students don't differential equations until they have completed the entire calculus sequence.

**Clarion University of Pennsylvania (ACCEPT)**

Comments from Physics Dept Chair: My only substantive comment is that the agreement asks transfer students to complete a full year of chemistry while our BS physics students are only required to take the first semester. If it didn't create a ruckus, I'd suggest moving the second semester of chemistry into the "suggested" category which is what we do for most of our students (the astrophysics concentration does require the full year). If it would create a ruckus, it's fine to leave it alone. I think everyone is physics can appreciate the value of two semesters of chemistry. It was in cutting back to 120-credit degrees that we eliminated the second semester of chemistry from the BS and BS Ed physics degrees. My other comment is just a mild criticism. I found it difficult to find the definitions for Categories 1-5. After a careful reading, I think it's reasonable but the definitions and their rationale shouldn't be so hard to ascertain.

**Luzerne County Community College (ACCEPT)**

Transfer issues, which include standards for student performance, should be removed from the agreement as they are addressed in the STATEWIDE PROGRAM-TO-PROGRAM ARTICULATION AGREEMENT in PENNSYLVANIA [DRAFT Last Updated: March 21, 2011]

**Mansfield University of Pennsylvania (ABSTAIN)**

I did not vote on these three programs because we have no equivalent programs at Mansfield. I have no objections but also no curricula to which to match these programs, and therefore no basis for voting.

**West Chester University of Pennsylvania (ACCEPT)**

One item needs more careful wording. Specifically, on page 1 under "Required Major-Specific Content Area" you will find the requirement that "The content taught must be calculus-based and include laboratory work." Though for time out of memory, this has been understood to mean that the laboratory work includes experiments conducted with apparatus with subsequent analysis presented for submission and evaluation, the faculty worry that in the indefinite future, a two-year institution may opt to conduct on-line "experiments." We could certainly specify our reasons for this necessary experience, but the faculty wish to insure that students arriving at four-year institutions in general, and at WCU in particular, have the necessary, proper experimental laboratory foundation that includes experience with a wide range of phenomena, instrumentation capable of quantitatively measuring relevant parameters, experience in the analysis of the experimental uncertainties associated with their measurements, and extensive experience in compiling a cogent narrative that presents the results of their analysis of the experiments. The faculty suggest that the requirement be amended to read: The content taught must be calculus-based and include laboratory work that develops experience with instrumentation that measures relevant physical parameters within the context of experiments.