

**Memo of Agreement Regarding Articulation
Between Penn State Erie, The Behrend College, and
Richmond Community College (NC)**

PURPOSE

The Pennsylvania State University (PSU), through Penn State Erie, The Behrend College (PSB), and Richmond Community College (RCC) establish this Memorandum of Agreement Regarding Articulation to facilitate the matriculation of students from RCC to PSB. The purpose of the agreement is to provide a pathway for students who have successfully completed the Mechanical Engineering Technology associate degree program at RCC to transition to the Plastics Engineering Technology baccalaureate degree program at PSB. The agreement defines admission criteria and processes, evaluation of transfer credits and academic advising services to support students in their transition from RCC to the PSB.

PROCEDURES

A. Admissions Requirements

Students apply to PSB by submitting the Penn State undergraduate admissions application and official transcripts from high school, RCC and any other colleges or universities attended. The admissions application fee will be waived.

Students must complete the AAS in Mechanical Engineering Technology degree program with a minimum grade point average of 2.7 and must successfully complete (C [2.0] or higher grade) all specific courses required for entry to the PSB Plastics Engineering Technology baccalaureate degree program.

GPA is calculated from all attempted and completed courses from RCC and all colleges/universities previously attended. The GPA will be calculated using all courses and grades, including all repeated courses.

The Penn State majors included in terms of the agreement are the BS in Plastics Engineering Technology. (PLTBD).

B. Evaluation of Transfer Credits

Courses/credits with grades of C (2.0) or higher will be accepted for transfer by Penn State and will be added to the student's Penn State academic transcript.

RCC courses, evaluated as equivalent or approved as substitutions for Penn State courses, will apply to degree requirements in the student's parallel baccalaureate program, as outlined in *Addendum A*:

Course Equivalency and Substitution. The transfer guide in effect in the semester a student first enrolls at RCC will be honored by PSB, if the student completes the AAS degree program in Mechanical Engineering Technology program and successfully transfers to PSB within four years of their first enrollment at RCC. Transferability of courses not specified in the attached guides will be reviewed by the Office of Undergraduate Admissions on a case-by-case basis.

Courses/credits earned through Advanced Placement (AP), College-Level Examination Program (CLEP), or other testing programs will be evaluated according to Penn State's established criteria.

Credit evaluation for prior learning activity will be completed consistent with Penn State policy and through the process established by PSB.

C. Academic Advising and Transition

PSB and RCC will maintain course equivalency information on their respective websites and admissions and course articulation information will be made available to students through the transfer advising services at RCC.

PSB will offer an academic orientation to transferring students for the purpose of providing academic advising, and orientation to academic and technology resources, student life and career services, and financial aid and billing information.

D. Update/Report/Relationship

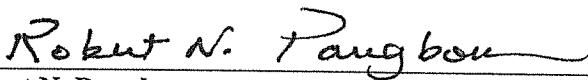
PSB and RCC agree to review the agreement and relevant transfer course equivalencies annually and will each assign an individual to serve as liaison for the purpose of monitoring this agreement. RCC will notify the PSB liaison upon any modification of curriculum that could impact the articulation of equivalent courses or the requirements of RCC associate programs. PSB will notify the RCC liaison of any modifications of curriculum that could impact articulation of equivalent courses or the requirements of the articulated PSB baccalaureate program. This agreement may be amended, as needed, for specific course or program articulation without affecting the currency of the master agreement.

E. Amendments and Term of Effect

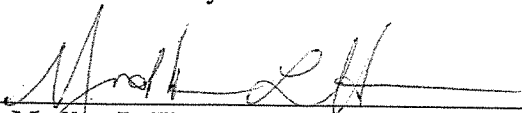
This document constitutes the entire agreement and terms of understanding between Penn State on behalf of PSB and RCC, and supersedes any other prior agreements or understandings between the two parties.

The master agreement will be reviewed every five years by both parties and will be revised as necessary. For renewal all revisions are to be approved by each institution's official signatories. This master agreement may be terminated by either party upon written notice to the other party of an intention to terminate. Such notice will be effective only if given 180 days prior to the intended date of termination. In the event that this agreement is terminated, curriculum transfer guides, in effect at


the time a student first enrolls at RCC, will be honored for students who complete an AAS degree program and successfully transfers to PSB within four years of their first enrollment at RCC. All other terms of the agreement contained herein will remain in effect for the maximum of two years.



11/27/14
Date
Dr. Robert N. Pangborn
Vice President and Dean for Undergraduate Education
Penn State University



11/17/14
Date
Dr. Madlyn L. Hanes
Vice President for Commonwealth Campuses and Dean of the University College
Penn State University



11/10/14
Date
Dr. Donald L. Birx
Chancellor
Penn State Erie, The Behrend College



10/28/14
Date
Dr. William D. McInnis
President
Richmond Community College

Richmond Community College Addendum A: *Course Equivalency and Substitution*

RCC Course	Credits	Title	PSU Course	Credits	Title	Direct or Substitution
PED 110	2	Fit and Well for Life	BB H	2	Fit and Well for Life	Substitution
PED 120	1	Walking for Fitness	KINES 072	1	Fitness Walking	Direct
PHY 151	4	College Physics I	PHY 250	4	Introductory Physics 1	Direct
CHM 151	4	General Chemistry I	Chem 110	3	Chemical Principles I	Substitution
			Chem 111	1	Experimental Chemistry I	Substitution
CHM 152	4	General Chemistry II	CHEM 112	3	Chemical Principles II	Substitution
			CHEM 113	1	Experimental Chemistry II	Substitution
ENG 111	3	Expository Writing	ENG 015	3	Rhetoric & Composition	Direct
ENG 112	3	Argument-based Research	ENG 202C	3	Effective Writing	Direct
COM 231	3	Public Speaking	CAS 100	3	Effective Speech	Direct
MAT 271	4	Calculus I	MATH 83	4	Technical Calculus	Substitution
MAT 272	4	Calculus II	MATH 210	3	Calculus with Engineering Technology Applications	Substitution
MAT 285	3	Differential Equations	Math 211	3	Intermediate Calculus and Differential Equations	Direct
ECO 252	3	Macro Economics	ECON 104	3	Macro Economics	Direct
CSC 139	3	Basic Visual Programming	PL ET 050	2	Computer Applications for Plastics Engineering Technology	Substitution
DFT 151	3	CAD I	EG T 120	3	Introduction to Graphics and Solid Modeling	Direct
DFT 153	3	CAD II	EG T 121	3	Applied Solid Modeling	Direct
MEC 250	5	Statics and Strength of Materials	MCH T 111	3	Mechanics for Technology: Statics	Substitution
			MCH T 213	3	Strength and Properties of Materials	Substitution
MEC 180	3	Engineering Materials	PLET 206 W	3	Plastic Materials and Properties	Substitution
PLET 205	3	Intro to Plastics#				
PLA 120	2	Injection Molding*	PLET 222	4	Introduction to Plastics Processing	
Approved Social Science Courses (3 credits required)						

RCC Course	Credits	Title	PSU Course	Credits	Title	Direct or Substitution
ANT 220	3	Cultural Anthropology	ANTH 045U	3	Cultural Anthropology	Direct
ECO 251	3	Principles of Microeconomics	ECON 102	3	Principles of Microeconomics	Direct
GEO 111	3	World Regional Geography	GEOG 040	3	World Regional Geography	Direct
GEO 112	3	Cultural Geography	GEOG 124	3	Elements of Cultural Geography	Direct
POL 120	3	American Government	PL SC 001	3	Introduction to American National Government	Direct
POL 220	3	International Relations	PL SC 014	3	International Relations	Direct
PSY 150	3	General Psychology	PSYCH 100	3	Introductory Psychology	Direct
PSY 237	3	Social Psychology	PSYCH 221	3	Introduction to Social Psychology	Direct
PSY 241	3	Developmental Psychology	PSYCH 212	3	Introduction to Developmental Psychology	Direct
SOC 210	3	Introduction to Sociology	SOC 001	3	Introduction to Sociology	Direct
SOC 213	3	Sociology of the Family	SOC 030	3	Sociology of the Family	Direct
SOC 220	3	Social Problems	SOC 005	3	Social Problems	Direct
Approved Humanities Courses (6 credits required)						
ENG 131	3	Introduction to Literature	ENGL 001	3	Understanding Literature	Direct
ENG 231	3	American Literature I	ENGL GEN	3	Literature (GEN)	Substitute
ENG 232	3	American Literature II	ENGL 103	3	The Great Traditions in American Literature	Direct
ENG 233	3	Major American Writers	ENGL GEN	3	Literature (GEN)	Substitute
ENG 241	3	British Literature I	ENGL 002	3	The Great Traditions in English Literature	Direct
ENG 242	3	British Literature II	ENGL GEN	3	Literature (GEN)	Substitute
ENG 243	3	Major British Writers	ENGL GEN	3	Literature (GEN)	Substitute
ENG 261	3	World Literature I	ENGL GEN	3	Literature (GEN)	Substitute
ENG 262	3	World Literature II	ENGL GEN	3	Literature (GEN)	Substitute
ENG 272	3	Southern Literature	ENGL GEN	3	Literature (GEN)	Substitute

RCC Course	Credits	Title	PSU Course	Credits	Title	Direct or Substitution
ENG 273	3	African-American Literature	ENGL 139	3	Black American Literature	Direct
HIS 111	3	World Civilizations I	HIST 010	3	World History I	Direct
HIS 112	3	World Civilizations II	HIST 011	3	World History II	Direct
HIS 121	3	Western Civilization I	HIST 001	3	The Western Heritage I	Direct
HIS 122	3	Western Civilization II	HIST 002	3	The Western Heritage II	Direct
HIS 131	3	American History I	HIST 020	3	American Civilization to 1877	Direct
HIS 132	3	American History II	HIST 021	3	American Civilization Since 1877	Direct
HIS 162	3	Women and History	HIST GEN	3	Hist (GEN)	Substitute
HIS 221	3	African-American History	HIST 152	3	African American History	Direct
HIS 226	3	The Civil War	HIST 130	3	Introduction to the Civil War Era, 1848 through 1877	Direct
HIS 227	3	Native American History	HIST 153	3	The Indian in North America	Direct
HIS 236	3	North Carolina History	HIST GEN	3	Hist (GEN)	Substitute
HUM 110	3	Technology and Society	S T S 107	3	Introduction to Philosophy of Technology	Direct
HUM 115	3	Critical Thinking	PHIL 010	3	Critical Thinking	Direct
HUM 120	3	Cultural Studies	GH GEN	3	GH GEN	Substitute
HUM 122	3	Southern Culture	GH GEN	3	GH GEN	Substitute
HUM 130	3	Myth in Human Culture	GH GEN	3	GH GEN	Substitute
HUM 150	3	American Women's Studies	WMNST 104	3	Women and the American Experience	Direct
HUM 211	3	Humanities I	GH GEN	3	GH GEN	Substitute
HUM 212	3	Humanities II	GH GEN	3	GH GEN	Substitute
PHI 210	3	History of Philosophy	GH GEN	3	GH GEN	Substitute
PHI 240	3	Introduction to Ethics	PHIL 103	3	Introduction to Ethics	Direct

RCC Course	Credits	Title	PSU Course	Credits	Title	Direct or Substitution
REL 110	3	World Religions	RL ST 001	3	Introduction to World Religions	Direct
REL 111	3	Eastern Religions	RL ST 003	3	Introduction to the Religions of the Eas	Direct
REL 112	3	Western Religions	RL ST GEN	3	RL ST (GEN)	Substitution
REL 211	3	Introduction to Old Testament	RL ST 110	3	Hebrew Bible: Old Testament	Direct
REL 212	3	Introduction to New Testament	RL ST 120	3	New Testament	Direct
REL 221	3	Religion in America	RL ST GEN	3	RL ST (GEN)	Substitution
Approved Arts Courses (6 credits required)						
HUM 160	3	Introduction to Film	Comm 150	3	The Art of the Cinema	Direct
ART 111	3	Art Appreciation	ART Gen	3	Art (GEN)	Substitution
ART 131	3	Drawing I	ART 020	3	Introduction to Drawing	Direct
DRA 111	3	Theatre Appreciation	Comm 150	3	The Art of the Cinema	Direct
MUS 110	3	Music Appreciation	MUSIC Gen	3	MUSIC (GEN)	Substitute

Taken on line through PSB.

*The special topics crossover course would be taken at Penn State by RCC students. Along with RCC course PLA 120 would substitute for PLET 222.