

**MEMORANDUM OF  
ARTICULATION AGREEMENT**

**PENN STATE - SHENANGO**

**and**

**YOUNGSTOWN STATE UNIVERSITY**



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YOUNGSTOWN STATE UNIVERSITY**

Since a major resource of the State of Ohio is the diversity of its institutions of higher education, leveraging this resource through inter-institutional cooperation expands both access to higher education and student success. The Ohio Articulation and Transfer Policy and associated Ohio Board of Regents implementation initiatives use the Transfer Module as a foundation to define, augment, and communicate the curricular relationships that link one institution to another. When clearly identified and articulated, these curricular relationships empower students to make informed course selections and appropriate transfer plans for entrance to a university. Penn State - Shenango students will thus be empowered to transfer at a point in their academic career which is consistent with the objective of appropriate, continuous advancement toward the baccalaureate degree.

Youngstown State University subscribes to and endorses the spirit of the Ohio Board of Regents initiatives to promote movement of students and transfer credits between two-year institutions and the University based on a common core of general education requirements as defined by the Transfer Module. In accordance with the articulation philosophy set forth above, YSU has established the following articulation policies that facilitate transfer mobility by empowering Penn State - Shenango students to maximize their learning experiences and provide greater access to baccalaureate degree programs.

In recognition of the associate degree as preliminary to the baccalaureate, and to set forth principles of mutual understanding that supplement and extend the Ohio Board of Regents' Articulation and Transfer Policy, Penn State - Shenango and Youngstown State University enter the following agreement.

**I. GUARANTEED TRANSFER ADMISSION**

- A. Penn State - Shenango students who have successfully completed the requirements for the Associate in Arts or Associate in Science degree will be admitted to junior standing or at a class rank commensurate with credits earned. Technical courses that are unique to programs at their institution will be applied as elective credit to effectively reduce the elective requirements for the baccalaureate degree.

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Note: Remedial or developmental coursework taken at Penn State - Shenango may or may not be applied toward the baccalaureate degree at Youngstown State University.

- B. Students who have completed their general education courses (including their basic academic course requirements) toward their associate degree at Penn State - Shenango but who have not completed the requirements for an Associate in Arts or Associate in Science degree shall be admitted on a case-by-case basis and receive transfer credit for all college-level coursework in which they have earned a grade of "C" or above.
- C. Penn State - Shenango students who have completed their general education courses (including their basic academic course requirements) toward their associate degree and who have achieved an overall grade point average of 2.0 at the time of transfer will have fulfilled Youngstown State University's Transfer Module, which is a subset of the University's general education requirements. In addition to the Transfer Module, all Youngstown State University baccalaureate students must complete coursework in health and fitness. Colleges within Youngstown State University may have additional general educational degree requirements (e.g., foreign language coursework, speech, statistics).
- D. Penn State - Shenango students who have earned an Associate in Arts or Associate in Science degree and who have completed their general education courses (including their basic academic course requirements) toward their associate degree will be considered to have satisfied all **precollege** requirements for graduation at Youngstown State University, with the exception of the foreign language requirement. Students who have completed one year of a single foreign language at the college level or two years at the high school level will have satisfied the precollege foreign language requirement.
- E. Upon transfer from Penn State - Shenango to Youngstown State University, students may choose to complete the general education requirements in effect at Youngstown State University either at the time of transfer to Youngstown State University or at the time of matriculation at Penn State - Shenango, unless a period of more than 5 years has elapsed since the student's initial matriculation at Penn State - Shenango.
- F. Penn State - Shenango and Youngstown State University agree to participate in regular reviews of program requirements and appropriate advising procedures, and make adjustments or amendments as deemed appropriate to maintain the integrity of each institution as well as for the improvement of the transfer process. Such changes will not adversely affect students already enrolled and covered under the provisions of the existing agreement.

YSU offers a variety of baccalaureate degrees that are complementary to its own associate degree programs. Many of these programs are uniquely suited to the needs of students transferring to YSU from two-year institutions. Furthermore, YSU distinguishes itself by having had an Individualized Curriculum Program (ICP) in place for many years. Options exist for students holding an Associate in Science or Associate in Arts degree to pursue a Bachelor of Science in Applied Science, with majors in Office Services and Administration, Marketing Applications, Information System Administration, Property Marketing Management, Personnel

Administration, and Office Systems Management. Further Individualized Curriculum Program (ICP) opportunities for Penn State - Shenango students can be pursued in the College of Health and Human Services and in the College of Engineering and Technology. Students admitted to this program will have the help of a committee of faculty advisors to develop a program that will serve a valid educational goal not attainable within the regular curricular structure of the University.

Every attempt will be made to have the maximum transferable number of credits apply towards the student's baccalaureate degree. Due to the variety of majors possible for students to select from at both Youngstown State University and Penn State - Shenango, inclusion of credits will vary from major to major. Students selecting the Individual Curriculum Program will be able to maximize the utilization of transfer credits.

## **II. GENERAL PRINCIPLES AND BENEFITS**

The following general principles and benefits will apply to Penn State - Shenango students transferring to Youngstown State University:

- A. In accordance with the Ohio Board of Regents' transfer policy, transfer students will compete on an equitable basis with native Youngstown State University students for places in YSU programs that have limited enrollments and/or selective admission criteria.
- B. Students transferring under this agreement from Penn State - Shenango to Youngstown State University will be treated on an equitable basis with native students of equal academic rank with respect to competition for and assignment of housing, financial aid, parking, and other services that YSU provides to its students.
- C. Youngstown State University will provide individual advisement and counseling to Penn State - Shenango students so that appropriate application of transfer credits to baccalaureate degree programs and adequate preparation for these programs is assured. Through these processes, transfer students should be able to effectively enter advanced coursework with the necessary prerequisites completed. However, established course prerequisites must be followed for all programs.
- D. No time restriction (years) shall be placed on acceptance of credits from Penn State - Shenango students unless there is a specific limiting policy for matriculating students at Youngstown State University.
- E. Penn State - Shenango and Youngstown State University agree to cooperate in efforts to track transfer students' achievements and completion by cohort.

F. Penn State - Shenango and Youngstown State University will designate officials who will be responsible for all aspects of the articulation agreement.

For Penn State - Shenango:

Dr. Albert N. Skomra  
Chief Executive Officer  
Penn State - Shenango  
(412) 983-5810

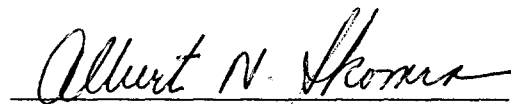
For Youngstown State University:

Dr. Harold Yiannaki  
Executive Director  
Youngstown State University  
(330) 742-3130

### III. INSTITUTION-TO-INSTITUTION MODIFICATION AND NOTIFICATION OF CANCELLATION OF AGREEMENT

This agreement will remain in effect until modified by mutual written agreement or terminated by Penn State - Shenango or Youngstown State University. A one-year's notice in writing is required prior to termination by either party or by mutual agreement. Students in progress at Penn State - Shenango or Youngstown State University under the terms of this Agreement at the point of its termination will be permitted to continue under the terms in operation at the time of their initial participation.

In witness thereof, this Agreement is executed by the duly authorized representatives of Penn State - Shenango and Youngstown State University.



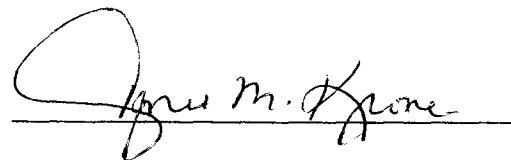
Dr. Albert N. Skomra, CEO  
Penn State - Shenango

Date: 6/25/96



Dr. Leslie H. Cochran, President  
Youngstown State University

Date: 6-25-96



Janet M. Krone, Assistant Treasurer  
Penn State University

Date: JUN 17 1996

APPENDIX:

# TRANSFER MODULE

# TRANSFER MODULE

## YOUNGSTOWN STATE UNIVERSITY

QUARTER HOURS

<b>FIELD</b>	<b>GEN. EDUCATION REQUIREMENTS APPLIED TO TM MINIMUMS</b>	<b>ADDITIONAL GEN. EDUCATION REQUIREMENTS COUNTED IN TM (12-14 SEM., 18-24 QTR)</b>	<b>ADDITIONAL GEN. EDUCATION REQUIREMENTS BEYOND THE TM FOR GRAD.</b>
<b>ENGLISH</b> minimum 6 qtr / 3 sem	4 - English 550. 4 - English 551. 8 q.h. total.		
<b>MATHEMATICS</b> minimum 3 qtr / 3 sem	4 - Math 520, 525, 515, 516, 523, 642, 550, 571; Comp Sci 560, 610; CIS 601.		
<b>ARTS / HUM</b> minimum 9 qtr / 6 sem	9 q.h. from attached list—two areas required. <sup>1</sup>	Additional coursework from list, such that area totals 12-16 q.h.	Additional coursework to equal 16 q.h. for some degrees. <sup>2</sup>
<b>SOC SCIENCE</b> minimum 9 qtr / 6 sem	9 q.h. from attached list—two areas required. <sup>1</sup>	Additional coursework from list, such that area totals 12-16 q.h.	Additional coursework to equal 16-30 q.h. for some degrees. <sup>2</sup>
<b>NAT SCIENCE</b> minimum 9 qtr / 6 sem	9 q.h. from attached list. <sup>1</sup>	Additional coursework from list, such that area totals 12-16 q.h.	Additional coursework to equal up to 46 q.h. for some degrees. <sup>2</sup>
<b>Interdisciplinary</b>			
			<b>OTHER</b> Health 590; 3 q.h. of activities; Foreign Language credit for AB and BS degrees.
<b>Sub Total</b> Minimum 36 qtr/24 sem	39 q.h.	15 q.h.	

**Total**

54 q.h.



**54-60 quarter hours**

**36-40 semester hours**

**TOTAL TRANSFER MODULE**

<sup>1</sup>Since virtually all YSU courses are 4 q.h., in reality 12 q.h. are required.

<sup>2</sup>Total credit for these three areas must equal at least 46 q.h.

# TRANSFER MODULE

## YOUNGSTOWN STATE UNIVERSITY

The Transfer Module consists of 54 credit hours of introductory courses in English Composition, Mathematics, Arts/Humanities, Social and Behavioral Sciences, and Natural and Physical Sciences. Students should follow the directions below in selecting courses for the Transfer Module.

1. Select minimum requirements from introductory courses (marked with an \*) following the instructions provided in each section.
2. Complete the required minimum hours of the Transfer Module from the remaining courses on this list.

### YSU

### PENN STATE-SHENANGO    **Equivalents**

#### ENGLISH COMPOSITION (minimum of 8 quarter hours)

*Composition 1 (English 550)	4	ENGL 015
*Composition 2 (English 551)	4	202 A,B,C,D

#### MATHEMATICS (minimum of 4 quarter hours)

*Math for Elementary Teachers 1, 2 (Math 515,516)	5,4	Math 200
*Trigonometry (Math 520)	4	Math 026
*Survey of Mathematics (Math 523)	4	Math 035
*Precalculus Mathematics (Math 525)	4	MATH 081 or 082
*Calculus for Social, Managerial, and Life Sciences (Math 550)	5	MATH 110
*Basic Programming (Computer Science 560)	4	CMPSC 101
Calculus for Engineering Technology 1 (Math 570)	5	MATH 083
Calculus 1 (Math 571)	5	Math 140
Biomathematics 2 (Math 581H)	4	
*Scientific Programming 1 (Computer Information Systems 601)	4	CMPSC 201
Programming in C (Computer Information Systems 602)	4	CMPSC 211
*Applied Finite Mathematics (Math 642)	5	Math 017

#### ARTS/HUMANITIES (range of 12-16 quarters hours, select from at least two areas)

#### ART

*Survey of Non-Western Art 1 (Art 515)	4	
*Survey of Non-Western Art 2 (Art 516)	4	(ART H) 120
*Introduction to Music and Art (Art 517)	4	ARTS 001
*Survey of Western Art 1 (Art 521)	4	(ART H) 110
*Survey of Western Art 2 (Art 522)	4	(ART H) 111
*Survey of Western Art 3 (Art 523)	4	(ART H) 112
*Appreciation of Contemporary Art: A Humanities Approach (Art 603)	4	IN ART 001

#### MUSIC

*Survey of Jazz (Music 510)	3	
*A Survey of Musical Theatre (Music 512)	4	
*Introduction to Music and Art (Music 517)	4	ARTS 001
*Introduction to World Music (Music 522)	4	
*Film Music (Music 617)	4	
*Rock 'n Roll to Rock (Music 618)	4	
*Music Literature and Appreciation (Music 621)	4	Music 005
*Popular Music in America (Music 622)	4	

# YSU

## PENN STATE-SHENANGO Equivalents

### SPEECH/THEATRE

*A Survey of Musical Theatre (Speech 512)	4	
*Introduction to Theatre Arts (Speech 560)	4	THEA 100
*Survey of American Mass Communication (Speech 581)	4	THEA 109
*History of the Motion Picture (Speech 590)	4	
*Introduction to Rhetoric (Speech 640)	4	
*Artistic Aspects of Motion Picture Production (Speech 690)	4	

### LITERATURE

Introduction to Literature (English 609)	4	ENGL 001
Introduction to Classic World Literature (English 610)	4	CMLIT 001 OR 002
Women in Literature (English 617)	4	WMNST 194,orENGL194
American Literature and Society (English 618)	4	ENGL 003
Introduction to African Literature (English 620)	4	CMLIT 003
American Journalism (English 626)	4	
Mythology in Literature (English 631)	4	CMLIT 108
Images of Women (English 632)	4	WMNST 001
Peace and War in Literature (English 633)	4	
Introduction to Modern World Literature (English 638)	4	ENGL 002
Introduction to Film Study (English 665)	4	COMM 150
Introduction to Literary Study (English 690)	4	

### RELIGION

*Contemporary Religion and Society (Religion 501)	4	RL ST 140
*Introduction to World Religions (Religion 601)	4	RL ST 001
*Myth, Symbol and Ritual (Religion 605)	4	
*Introduction to Eastern Religions (Religion 617)	4	RL ST 003
*Religion and Moral Issues (Religion 621)	4	PHIL 003

### PHILOSOPHY

*Critical Thinking (Philosophy 530)	4	PHIL 010
*Introduction to Philosophy (Philosophy 600)	4	PHIL 001
*Introduction to Professional Ethics (Philosophy 625)	4	PHIL 104 or PHIL 103

### HEALTH AND PHYSICAL EDUCATION

*Survey of Dance (HPE 698)	4	ARTS 005
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### FOREIGN LANGUAGES

The Augustan Age (Latin 650)	4	HIST 101
Women in the Ancient World (Latin 660)	4	
Contemporary Soviet Culture (Russian 620)	4	

### BLACK STUDIES

*Introduction to Black Studies 2 (Black Studies 601)	4	
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**SOCIAL AND BEHAVIORAL SCIENCES** (range of 12-16 quarter hours, select from at least two areas)**ANTHROPOLOGY**

\*Introduction to Anthropology (Anthropology 602) 4 ANTH 001

**BLACK STUDIES**

\*Introduction to Black Studies 1 (Black Studies 600) 4 AAA S 100

**ECONOMICS**

\*An Introduction to Economic Thought (Economics 510) 4 ECON 014

\*Principles 1: Microeconomic Theory and Policy (Economics 530) 4 ECON 002

Principles 2: Macroeconomic Theory and Policy (Economics 630) 4 ECON 004

Principles 3A: Economic Issues (Economics 631) 4 ECON 315

Principles 3B: International Economics (Economics 632) 4 ECON 333

Environmental Economics and Policy (Economics 650) 4

**GEOGRAPHY**

\*Map Use and Interpretation (Geography 610) 4

\*World Geography (Geography 626) 4

\*Human Geography (Geography 640) 4 GEOG 020

\*Economic Geography (Geography 650) 4 GEOG 100

Cartography (Geography 660) 4

**HISTORY**

\*Introduction to World History 1, 2, 3 (History 511, 512, 513) 4,4,4

\*History of the United States 1 (History 605) 4 HIST 020

\*History of the United States 2 (History 606) 4 HIST 021

\*Latin America (History 611) 4 HIST 179

History of Western Civilization 1, 2 (History 655H, 656H) 4,4 HIST 001, HIST 002

\*Middle Eastern Civilization (History 661) 4

\*History of Asian Civilization (History 662) 4 HIST 175

\*African Civilization (History 663) 4 HIST 191

\*The Black Experience in American History (History 630) 4 HIST 152

\*History of Medicine (History 699) 4

**POLITICAL SCIENCE**

\*Elements of Politics (Political Science 550) 4

American National Government (Political Science 601) 4 PLSC 001

Comparative Government (Political Science 640) 4 PLSC 003

International Relations (Political Science 660) 4 PLSC 014

**PSYCHOLOGY**

\*General Psychology (Psychology 560) 4 PSY 002

Woman: A Psychological Study (Psychology 620) 4 PSY 170

**SOCIOLOGY**

\*Fundamentals of Sociology (Sociology 500) 4 SOC 001

Principles of Sociology (Sociology 600) 4

\*Social problems (Sociology 601) 4 SOC 005

\*Criminology (Sociology 630) 4 SOC 012

**SOCIAL SCIENCE**

\*Introduction to Social Science 1 (Social Science 510) 4 SO SC 002

Introduction to Social Science 2 (Social Science 511) 4 SO SC 002

**NATURAL AND PHYSICAL SCIENCES**(range of 12-16 quarters hours, at least one course must be a lab course)**ASTRONOMY**

*Descriptive Astronomy (Astronomy 504)	4	ASTRON 010
Moon and Planets (Astronomy 608)	4	
*Astronomy Laboratory (Astronomy 504L)	1	ASTRON 011

**BIOLOGY**

*Human Evolution and Genetics (Biology 504)	4	BIOL 002 OR 033
*Biology and the Modern World (Biology 505)	4	BIOL 011,012
*Principles I, II (Biology 509, 510)	4,4	BIOL 110,230
Principles III, IV (Biology 611, 612)	4,4	BIOL 240
*Physiology and Anatomy of Humans (Biology 551, 552)	4,4	BIOL 029,041,042
*Introductory Forestry (Biology 565)	4	
*Economic Botany (Biology 661)	4	
*Paramedical Microbiology (Biology 560)	5	MICRO 106,107
*Food Microbiology (Biology 604)	4	

**CHEMISTRY**

*Chemistry in Modern Living (Chemistry 500)	4	CHEM 102
*Introduction to Chemistry (Chemistry 501)	4	CHEM 011
*Introduction to Chemistry Laboratory (Chemistry 510)	1	
*Chemistry for the Allied Health Sciences 1 (Chemistry 505, 505L)	4	CHEM 034
*Chemistry for the Allied Health Sciences 2 (Chemistry 506, 506L)	4	CHEM 035
*General Chemistry 1, 2, 3 (Chemistry 515, 516, 517)	4,4,4	CHEM 017 or 012,013,014,015

**ENVIRONMENTAL STUDIES**

Fund. of Environmental Studies (Env. Studies 601)	4	BI SC 003
Fund. of Environmental Studies Laboratory (Env. Studies 601L)	1	

**GEOLOGY**

*Physical Geology (Geology 505)	4	GEOSC 001
*Geology of Gem Stones and Allied Materials (Geology 508)	4	
*Geology of National Parks (Geology 510)	4	
*Physical Evolution of North America (Geology 513)	4	
*Life of the Geologic Past (Geology 514)	4	
*Introduction to Oceanography (Geology 602)	4	GEOSC 040
Geology Laboratory (Geology 608)	4	
*Geology for Engineers (Geology 611)	4	
Geology and the Environment I (Geology 615)	4	

**GEOGRAPHY**

*Introduction to Physical Geography (Geography 503)	4	GEOG 010
Human Impacts on the Environment (Geography 603)	4	
*Weather (Geography 630)	4	METEO 003

**PHYSICS**

*Physics and Man (Physics 500)	4	PHYS 001
*Conceptual Physics Laboratory (Physics 500L)	1	PHYS 296
*Fund. of Physics 1, 2, 3 (Physics 501, 502, 503)	4,3,3	PHYS 150,151
*Fund. of Physics Laboratory 1, 2, 3 (Physics 501L, 502L, 503L)	1,1,1	
General Physics 1, 2, 3 (Physics 510, 610, 611)	4,4,4	PHYS 201,202,203 or 204
General Physics Laboratory 1, 2, 3 (Physics 510L, 610L, 611L)	1,1,1	
General Physics for Applied Medical Studies 1, 2, 3 (Physics 601, 602, 603)	4,4,4	
*Sound (Physics 608)	4	PHYS 255
Perspectives in Physics (Physics 520H)	4	