

AGREEMENT BETWEEN  
IVY TECH COMMUNITY COLLEGE  
AND  
INDIANA UNIVERSITY SOUTHEAST  
FOR THE TRANSFER OF CREDITS EARNED IN THE  
ASSOCIATE OF ARTS IN MATHEMATICS INTO THE  
BACHELOR OF ARTS IN MATHEMATICS

The purpose of this agreement is to provide a framework for the transfer of credits earned in the Associate of Arts in Mathematics at ITCC to the Bachelor of Arts in Mathematics at Indiana University Southeast.

The faculty of both institutions have worked together to develop the attached listings of course equivalencies, course requirements for the associate degree, and course requirements for the completion of the baccalaureate degree. The agreement applies to courses taken at ITCC beginning spring 2007. Courses covered by previous transfer agreements still in effect will transfer as specified in those agreements. All other course work taken prior to spring 2007 will be evaluated by the faculty of Indiana University Southeast to determine transferability. Both institutions will appropriately advise students that completion of the ITCC degree is not in itself a guarantee of a student's admission to the other institution, but is dependent on the standing admissions criteria and enrollment limits of that other institution.

This agreement will be reviewed every five years by representatives of both institutions, and may also be reviewed more frequently at the request of either institution, particularly if modifications are made to courses and/or degree requirements on either side.

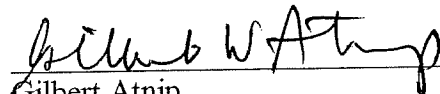
Both institutions agree to keep the other aware of curriculum changes as they occur. While both parties to the agreement understand its purpose is to maximize transfer opportunities for students, they also recognize that limits may be placed on courses accepted under the provisions of this agreement, should the student subsequently decide to change to another program not covered by the agreement.

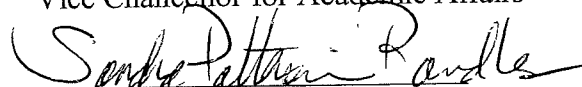
**For Ivy Tech Community College**

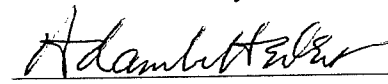
\_\_\_\_\_  
Marnia Kennon  
Vice President for Academic Affairs

\_\_\_\_\_  
Gerald I. Lamkin  
President

**For Indiana University Southeast**

  
\_\_\_\_\_  
Gilbert Atnip  
Vice Chancellor for Academic Affairs

  
\_\_\_\_\_  
Sandra Patterson-Randles  
Chancellor  
Indiana University Southeast

  
\_\_\_\_\_  
Adam W. Herbert  
President, Indiana University

**IVY TECH COMMUNITY COLLEGE OF INDIANA  
COLLEGEWIDE CURRICULUM OF RECORD  
LIBERAL ARTS  
MATHEMATICS  
ASSOCIATE OF ARTS**

**GENERAL AND LIBERAL EDUCATION - 49-50 CREDITS\***

Dept	Number	Title	Credits
COM	101	Fundamentals of Public Speaking (transferIN)	3
ENG	111	English Composition (transferIN)	3
ENG	112	Exposition and Persuasion (transferIN)	3
IVY	1XX	Life Skills Elective	1
MAT	211	Calculus I (transferIN)	4
MAT	212	Calculus II (transferIN)	4
XXX	XXX	Humanities (transferIN)	
PHL	102	Intro to Ethics	3
		one course from "arts" list below	3
		one course from "humanities" list below	3
		Life/Physical Science (transferIN)	
CHM	105	General Chemistry I	4
ASY	101	Solar System Astronomy	3
		Social/Behavioral Science (transferIN)	
POL	101	Intro to American Government & Politics	3
PSY	101	Intro to Psychology	3
SOC	252	Social Problems	3
HSY	101 or 102	American History	3
		Foreign Language (transferIN)	
		Spanish, French or German 101 and 102	8

**COURSES IN THE CONCENTRATION - 12 CREDITS**

12 credits from the transferIN or other transferable courses in Mathematics and/or Life and Natural Sciences

BIO	101	Introductory Biology	3
PHY	101	Physics I	4
PHY	102	Physics II	4
<b>Total credits</b>			<b>61-62</b>

\*See attachment for Ivy Tech general education courses. The list of transferIN courses is still

**General Education Course choices**

Ivy Tech IU Southeast course

**Arts**

ARH 110 FINA-H 100  
HUM 110 MUS-M 174  
HUM 100 THTR-T 105

**Humanities**

ENG 220 ENG-L 101  
ENG 221 ENG-L 102  
ARH 101 FINA-A 101  
ARH 102 FINA-A 102  
PHL 101 PHIL-P 100

**Life/Physical Sciences**

BIO 101 BIOL-L 100  
SCI 111 CHEM-C 104  
PHY101 PHYS-P 201 and P202  
CHM 110 CHEM-C 102  
CHM 100 CHEM-C 105+C125  
CHM 100 CHEM-C 106+C126

**INDIANA UNIVERSITY SOUTHEAST  
Work Required for Baccalaureate Degree  
BACHELOR OF ARTS in MATHEMATICS**

**COURSES ACCEPTED IN TRANSFER**

Dept	Number	Title	Credits
SPCH-S	121	Public Speaking	3
ENG-W	131	Elementary Composition	3
MATH-M	215	Calculus I	5
MATH-M	216	Calculus II	5
PHIL-P	140	Intro to Ethics	3
		see list below	3
		see list below	3
CHEM-C	105 & 125		4
AST-A	100	The Solar System	3
POLS-Y	103	Intro to American Politics	3
PSY-P	101	Intro to Psychology	3
SOC-S	163	Social Problems	3
HIST-H	105 or 106	American History	3
		Spanish, French, or German 100 and 150	8

**INDIANA UNIVERSITY SOUTHEAST  
Work Required for Baccalaureate Degree  
BACHELOR OF ARTS in MATHEMATICS**

**COURSES NEED TO COMPLETE DEGREE**

Dept	Number	Title	Credits
		Spanish, French or German 200 & 250	6
		One history course	3
ENG-W	234	Technical Writing	3
MATH-M	303	Linear Algebra	3
MATH-M	311	Calculus 3	3
MATH-M	360	Probability	3
MATH-M	380	History of Mathematics	3
MATH-M	391	Intro to Mathematical Reasoning	3
		One additional 300-level math course	3
MATH-M	403&404 or 413&414		6
CSCI-C	201		4
		Electives to total 120 hours	20
		Note: must have at least 30 hrs at the 300 and 400 level	
<b>Total hours</b>			<b>60</b>

60 note 60 is maximum allowed under campus policy