

ARTICULATION AGREEMENT
between
IVY TECH COMMUNITY COLLEGE -SYSTEM-WIDE
and
INDIANA UNIVERSITY-PURDUE UNIVERSITY INDIANAPOLIS (IUPUI)
FOR THE TRANSFER OF THE
ASSOCIATE OF SCIENCE (A.S.) IN COMPUTER INFORMATION SYSTEMS
into the
BACHELOR OF SCIENCE (B.S.) IN COMPUTER AND INFORMATION
TECHNOLOGY (all tracks)

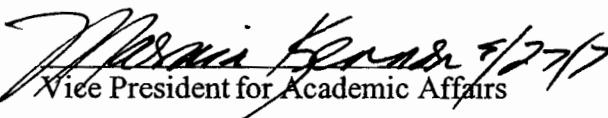
The purpose of this articulation agreement is to provide a framework for students who completed the Associate of Science in Computer and Information Systems degree at Ivy Tech Community College-system-wide to facilitate the continuation of their education toward the Bachelor of Science in Computer and Information Technology degree (all tracks) at Indiana University-Purdue University Indianapolis.

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 is in effect for courses taken at Ivy Tech Community College beginning Fall 2005.

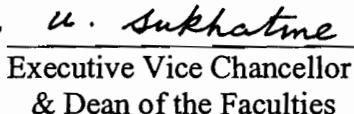
All course work taken prior to Fall 2005 will be evaluated by IUPUI to determine transferability of the course work. Both institutions agree to keep the other aware of curriculum changes as they occur. While both parties to the agreement understand its purpose is to maximize transfer opportunities for 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.

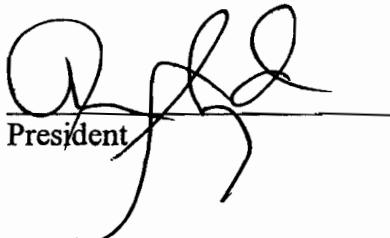
A review of the articulation agreement will commence after the third full year of implementation and every fifth year hence or upon request of either party.

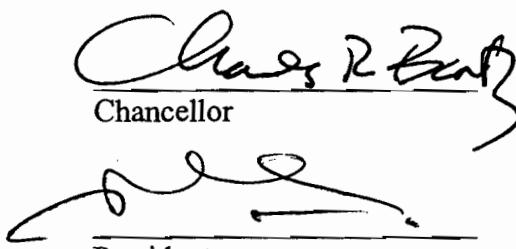
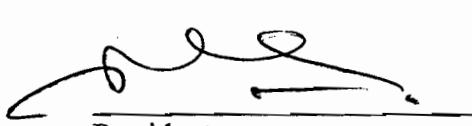
For Ivy Tech Community College


Diane Keraser 7/27/05
Vice President for Academic Affairs

For IUPUI


U. Sukhatme
Executive Vice Chancellor
& Dean of the Faculties


President


Clark R. Smith
Chancellor

President

AGREEMENT BETWEEN

INDIANA UNIVERSITY PURDUE UNIVERSITY INDIANAPOLIS

AND

IVY TECH COMMUNITY COLLEGE

FOR THE TRANSFER OF CREDITS EARNED IN THE

ASSOCIATE OF SCIENCE IN COMPUTER INFORMATION SYSTEMS
INTO THE

BACHELOR OF SCIENCE IN COMPUTER AND INFORMATION TECHNOLOGY
(all tracks)

The purpose of this agreement is to provide a framework for the transfer of credits earned in the associate of science in computer information systems at IVY TECH COMMUNITY COLLEGE to the bachelors of science degree program in computer and information technology (all tracks) at INDIANA UNIVERSITY PURDUE UNIVERSITY INDIANAPOLIS.

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 is in effect for courses taken beginning Fall 2005. This agreement will be reviewed every 2 years by representatives of both institutions.

All course work taken prior to Fall 2005 will be evaluated by faculty of INDIANA UNIVERSITY PURDUE UNIVERSITY INDIANAPOLIS faculty to determine transferability of the course work. This agreement, including any modifications, may be reviewed by either institution upon request. 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 subsequent decide to change to another program not covered by the agreement.

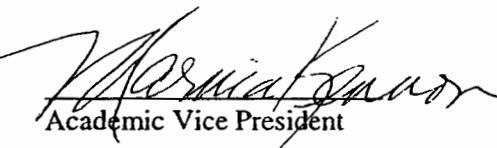
IVY TECH COMMUNITY COLLEGE transfer prospects must meet the same admission standards and be required to fulfill the same academic and curricular requirements as other transfer applicants to INDIANA UNIVERSITY PURDUE UNIVERSITY INDIANAPOLIS.
Participation in this program will only be open to students who earn an Associate of Science degree while majoring in the Computer Information Systems Technology program at IVY TECH COMMUNITY COLLEGE. Upon enrolling at INDIANA UNIVERSITY PURDUE UNIVERSITY INDIANAPOLIS, program participants will be admitted as third year students in the Computer and Information Technology program.

Course equivalencies shown in italics on the attached course equivalency listing are subject to current Passport agreements. Transfer students should be sure to check the Passport website to ensure that these general education courses continue to be transferable. Only courses listed in the Passport website (www.iupui.edu/~ivy) will be counted towards an INDIANA UNIVERSITY PURDUE UNIVERSITY INDIANAPOLIS degree program.

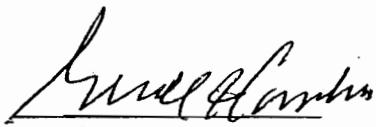
Agreed to this 9 day of MAY, 2006

Ivy Tech Community College

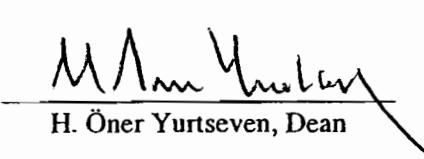
Purdue School of Engineering and Technology
Indiana University Purdue University Indianapolis


Maria Knoer
Academic Vice President


Thomas I.M. Ho, Chair
Dept. of Computer & Information Technology


Russell Rennells
President


Ken Rennells, Associate Dean


H. Öner Yurtseven

IVY TECH STATE COLLEGE (Statewide) - A.S.
[N Computer Information Systems

IN Computer Information Systems

**FOR TRANSFER TO INDIANA UNIVERSITY - PURDUE UNIVERSITY (Indianapolis) - SCHOOL OF TECHNOLOGY - B.S.
IN Computer and Information Technology-Business Track**

IN Computer and Information Technology-Business Track

IVY TECH STATE COLLEGE (Statewide) - A.S.						
IN Computer Information Systems						
FOR TRANSFER TO INDIANA UNIVERSITY - PURDUE UNIVERSITY (Indianapolis) - SCHOOL OF TECHNOLOGY - B.S.						
IN Computer and Information Technology- Business Track						
Course #	Course Title	Credits	Course #	Course Title	Credits	Credits
<u>IUPUI (Indianapolis)</u>						
General Education and Business course work from current Course Transfer List						
ENG 111	English Composition	3	ENG-W 131	Elementary Composition I	3	3
ENG 211	Technical Writing	1	TCM 220	Technical Report Writing	3	3
COM 101 Fundamentals of Public Speaking		3	COMM-R 110	Fundamentals of Speech Communications	3	3
MAT 111 Intermediate Algebra		2	CIT 120	Quantitative Analysis I	3	3
MAT 131 Algebra/Trigonometry I and II		6	MAT 153	Algebra and Trigonometry I and II	6	6
MAT 152 Algebra/Trigonometry II			MAT 154	Algebra and Trigonometry II		
MAT 115 Statistics		3	CIT 220	Quantitative Analysis I	3	3
MAT 201 Brief Calculus		3	MATH-M 119	Brief Survey of Calculus	3	3
XXX XXXX Humanities Elective		3	XXX XXXX	Humanities Elective	3	3
XXX XXXX Social Science Elective		3	XXX XXXX	Social Science Elective	3	3
XXX XXXX Science Elective		3	XXX XXXX	Science Elective	3	3
ACC 101 Financial Accounting		4	TCEM 141	Business Elective	3	3
BUS 101 Introduction to Business		3	BUS-X 100	Business Elective	3	3
CIS 101 Introduction to Microcomputers		3	CIT 106	Using a Personal Computer	3	3
CIS 102 Information Systems Fundamentals		3	CIT 112	Information Technology Fundamentals	3	3
CIS 106 Microcomputer Operating Systems		3	CIT 286	Operating Systems and Administration	3	3
CIS 113 Logic, Design and Programming		5	TECH-JUN 100		1	1
CIS 201 Database Design and Management		3	CIT 214	Web Data Management	3	3
CIS 232 Visual Basic Programming		3	CIT 140	Programming Constructs Laboratory	3	3
CIS 240 A+ Core Hardware and CIS 241 A+ Operating System		6	CIT 233	Hardware / Software Architecture	3	3
CIS 252 Web Site Development		3	CIT 212	Web Site Design	3	3
Required Additional Courses for the BS Degree						
<u>Course # Course Title</u>						
CIT 213	Web-Based Analysis and Design	3	BTU 222	Problem Solving and Programming	3	3
CIT 220	Introduction to Java	3	CIT 270	Introduction to ASP.NET	3	3
CIT 307	Data Communications	4	CIT XXX	CIT Selective	3	3
XXX 3XX	300 Level Programming Language	3	CIT 336	Data Communications Lab	2	2
CIT 302	Human Computer Interaction	3	CIT 308	Communications Security and Network Controls	3	3
CIT 374	System and Database Analysis	4	CIT 384	Systems Design	3	3
CIT 484	Systems Analysis and Design Project	3	CIT 410	Information Technology Ethics and Leadership	3	3
CIT XXX	CIT Selective	3	CIT XXX	CIT Selective	3	3
CIT 310	Career Planning	1	TCM 300/400	Selective	3	3
CIT XXX	Social Science Elective	3				
CIT XXX	Humanities Elective	3				
BUS A200	Foundations of Accounting	3				
BUS F300	Introduction to Financial Management	3				
BUS M300	Introduction to Marketing	3				
BUS P300	Introduction to Operations Management	3				
BTU 201	International Business	3				
BUS 230	Managing and Behavior in Organizations	3				
Total Credits	66					62
Total Credits to Complete Baccalaureate Degree						128
Total Credits for Native Students to Complete Baccalaureate Degree						62

IVY TECH STATE COLLEGE (Statewide) - A.S.					
FOR TRANSFER TO INDIANA UNIVERSITY - PURDUE UNIVERSITY (Indianapolis) - SCHOOL OF TECHNOLOGY - B.S.					
IN Computer and Information Technology- Networking Track					
Ivy Tech State College (Statewide)	IUPUI (Indianapolis)				
Course #	Course Title	Course #	Course Title	Course #	Credits
General Education and Business course work from current Course Transfer List					
ENG-W 131	English Composition	ENG-W 131	Elementary Composition I	CIT 213	Web-Based Analysis and Design
ENG 211	Technical Writing	TCM 220	Technical Report Writing	CIT 232	Problem Solving and Programming
COM 101	Fundamentals of Public Speaking	COMM-R 110	Fundamentals of Speech Communications	CIT 230	Intro to Java
MAT 111	Intermediate Algebra	CIT 120	Quantitative Analysis I	CIT 231	Introduction to ASP.NET
MAT 131	Algebra/Trigonometry I and	MAT 153	Algebra and Trigonometry I	CIT 307	Data Communications
MAT 132	Algebra/Trigonometry II	MAT 154	Algebra and Trigonometry II	CIT 356	Network Operating Systems Administration
MAT 115	Statistics	CIT 220	Quantitative Analysis II	XXX 3XX	300 Level Programming Language
MAT 201	Brief Calculus	MATH-M 119	Brief Survey of Calculus	CIT 303	Communications Security and Network Controls
XXX XXX	Humanities Elective	XXX XXX	Humanities Elective	CIT 402	Design and Implementation of LAN
XXX XXX	Social Science Elective	XXX XXX	Social Science Elective	CIT 440	Communications Network Design
XXX XXX	Science Elective	XXX XXX	Science Elective	CIT 415	Advanced Network Administration
ACC 101	Financial Accounting	TCEM 141	Business Elective	CIT 406	Advanced Network Security
BUS 101	Introduction to Business	BUS-X 100	Business Elective	CIT 426	Enterprise Networks
CIS 101	Introduction to Microcomputers	CIT 106	Using a Personal Computer	CIT 300/4XX	CIT Selective (300/400 level)
CIS 102	Information Systems Fundamentals	CIT 112	Information Technology Fundamentals	CIT XXX	CIT Selective
CIS 106	Microcomputer Operating Systems	CIT 286	Operating Systems and Administration	CIT XXX	CIT Selective
CIS 113	Logic, Design and Programming	TECH-UN 100	TECH-UN 100	CIT 310	Career Planning
CIS 201	Database Design and Management	CIT 214	Web Data Management	TCM 300/400	Selective
CIS 232	Visual Basic Programming	CIT 140	Programming Constructs Laboratory	XXX XXX	Social Science Elective
CIS 240	A+ Core Hardware and	CIT 233	Hardware / Software Architecture	XXX XXX	Humanities Elective
CIS 241	A+ Operating System	CIT 212	Web Site Design	ECE-T 209	Introduction to Microcontrollers
CIS 252	Web Site Development	3		ECE-T 334	PC Systems
				ECE-T 533	Topics in Telecommunications
				XXX XXX	Free Elective
1 -HEW 102 English Composition II can be substituted.					
2 -MAT 135 Finite Math to be used if student tests past MAT 111.					
3 -Elective includes ECN, ANH, PSY, POL, SOC.					
4 -BUS 105 Principles of Management can be substituted.					
5 -Supplements missing hours from Science Elective.					
Total Credits					61
Total Credits to Complete Baccalaureate Degree					61
Total Credits for Native Students to Complete Baccalaureate Degree					61

IVY TECH STATE COLLEGE (Statewide) - A.S.					
IN Computer Information Systems					
FOR TRANSFER TO INDIANA UNIVERSITY - PURDUE UNIVERSITY (Indianapolis) - SCHOOL OF TECHNOLOGY - B.S.					
IN Computer and Information Technology- Standard Track					
Ivy Tech State College (Statewide)	Course Title	Credits	IUPU (Indianapolis)	Course Title	Credits
General Education and Business course work from current Course Transfer List					
ENG 111	English Composition	3	ENG-W 131	Elementary Composition I	3
ENG 211	Technical Writing	1	TCM 220	Technical Report Writing	3
COM 101	Fundamentals of Public Speaking	3	COMMAR 110	Fundamentals of Speech Communications	3
MAT 111	Intermediate Algebra	2	CIT 120	Quantitative Analysis I	3
MAT 131	Algebra/Trigonometry I and	6	MAT 153	Algebra and Trigonometry I	6
MAT 132	Algebra/Trigonometry II		MAT 154	Algebra and Trigonometry II	
MAT 115	Statistics	3	CIT 220	Quantitative Analysis II	3
MAT 201	Brief Calculus	3	MATH-M 119	Brief Survey of Calculus	3
XXX XXX	Humanities Elective	3	XXX XXX	Humanities Elective	3
XXX XXX	Social Science Elective	3	XXX XXX	Social Science Elective	3
XXX XXX	Science Elective	3	XXX XXX	Science Elective	3
ACC 101	Financial Accounting	4	TCEM 141	Business Elective	3
BUS 101	Introduction to Business	3	BUS-X 100	Business Elective	3
CIS 101	Introduction to Microcomputers	3	CIT 106	Using a Personal Computer	3
CIS 102	Information Systems Fundamentals	3	CIT 112	Information Technology Fundamentals	3
CIS 106	Microcomputer Operating Systems	3	CIT 286	Operating Systems and Administration	3
CIS 113	Logic, Design and Programming	5	TECH-UN 100		1
CIS 201	Database Design and Management	3	CIT 214	Web Data Management	3
CIS 232	Visual Basic Programming	3	CIT 140	Programming Constructs Laboratory	3
CIS 240	A+ Core Hardware and	6	CIT 233	Hardware / Software Architecture	3
CIS 241	A+ Operating System				
CIS 252	Web Site Development	3	CIT 212	Web Site Design	3
1 - HEW 102 English Composition II can be substituted.					
2 - MAT 135 Finite Math to be used if student tests past MAT 111.					
3 - Elective includes ECN, ANH, PSY, POL, SOC.					
4 - BUS 105 Principles of Management can be substituted.					
5 - Supplements missing hours from Science Elective.					
Total Credits					61
Total Credits to Complete Baccalaureate Degree					66
Total Credits for Native Students to Complete Baccalaureate Degree					127
					61

FOR TRANSFER TO INDIANA UNIVERSITY - PURDUE UNIVERSITY (Indianapolis) -
IN Computer and Information Technology. Web Development

IVY TECH STATE COLLEGE (Statewide) - A.S.
IN Computer Information Systems

FOR TRANSFER TO INDIANA UNIVERSITY - PURDUE UNIVERSITY (Indianapolis) - SCHOOL OF TECHNOLOGY - B.S.						
IN Computer and Information Technology- Web Development Track						
IUPUI (Indianapolis)				Required Additional Courses for the BS Degree		
Course #	Course Title	Credit(s)	Course #	Course Title	Credit(s)	Credit(s)
General Education and Business course work from current Course Transfer List						
ENG 111	English Composition	3	ENG-W 131	Elementary Composition I	3	CIT 213
ENG 211	Technical Writing	1	TCM 220	Technical Report Writing	3	CIT 242
COM 101	Fundamentals of Public Speaking	3	COMM-R 110	Fundamentals of Speech Communications	3	CGT 211
MAT 111	Intermediate Algebra	2	CIT 120	Quantitative Analysis	3	CIT 270
MAT 131	Algebra/Trigonometry I and II	6	MAT 153	Algebra and Trigonometry I and II	6	CIT 307
MAT 132	Algebra/Trigonometry II	3	MAT 154	Algebra and Trigonometry II	3	CIT 336
MAT 115	Statistics	3	CIT 220	Quantitative Analysis II	3	CIT 312
MAT 201	Brief Calculus	3	MATH-M 119	Brief Survey of Calculus	3	CIT 211
XXX XXX	Humanities Elective	3	XXX XXX	Humanities Elective	3	CIT 135
XXX XXX	Social Science Elective	3	XXX XXX	Social Science Elective	3	CIT 136
XXX XXX	Science Elective	3	XXX XXX	Science Elective	3	CIT 247
ACC 101	Financial Accounting	4	TCEM 141	Business Elective	3	CIT 247
BUS 101	Introduction to Business	3	BUS-X 100	Business Elective	3	CIT 251
CIS 101	Introduction to Microcomputers	3	CIT 106	Using a Personal Computer	3	CIT 258
CIS 102	Information Systems Fundamentals	3	CIT 112	Information Technology Fundamentals	3	CIT 356
CIS 106	Microcomputer Operating Systems	3	CIT 286	Operating Systems and Administration	3	CIT 356
CIS 113	Logic, Design and Programming	5	TECH-UN 100	Web Data Management	1	CIT 320
CIS 201	Database Design and Management	3	CIT 214	Programming Constructs Laboratory	3	CIT 324
CIS 232	Visual Basic Programming	3	CIT 140	Hardware / Software Architecture	3	CIT 412
CIS 240	A+ Core Hardware and A+ Operating System	6	CIT 233		3	CIT 436
CIS 241	A+ Core Hardware and A+ Operating System	3	CIT 212	Web Site Design	3	CIT 479
CIS 252	Web Site Development	3			3	CIT XXX
					3	CIT 310
					3	CIT 300/400
					3	Career Planning Selective
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