ARTICULATION AGREEMENT between INDIANA UNIVERSITY PURDUE UNIVERSITY INDIANAPOLIS and IVY TECH STATE COLLEGE

for the following programs:

COMPUTER INFORMATION SYSTEMS TECHNOLOGY –
Programmer Analyst Specialty (A.A.S.)
Network Specialty (A.A.S.)
PC Support & Administration Specialty(A.A.S.)
and
Web Management Specialty (A.A.S.)

COMPUTER AND INFORMATION TECHNOLOGY – ANY TRACK (B.S.)

The purpose of this articulation agreement is to provide a framework for students at Ivy Tech State College (ITSC) to continue their education toward the baccalaureate degree at Indiana University Purdue University Indianapolis (IUPUI) in the field of Computer and Information Technology.

Participation in this program will be open to all students who earn an Associate in Applied Science degree while majoring in the Computer Information Systems Technology program at ITSC provided they have completed the specified electives and graduate with a cumulative 2.0 grade point average (GPA) or greater. Upon enrolling at IUPUI, program participants will be directly admitted into the Computer and Information Technology program.

To ensure a smooth transition to the baccalaureate degree program at IUPUI, the faculties of both departments have developed the attached listing of courses approved for transfer credit beginning with the Fall Semester 2003-2004.

Credit for courses already completed will be placed on the IUPUI academic transcript as identified in the attachment to this agreement. A grade of "C" or above must be earned in a course in order to obtain credit toward the baccalaureate degree. The CIT course equivalencies are only valid for students attending IUPUI as a result of this agreement and will not be used for other individuals who attended ITSC but did not graduate. Course equivalencies shown in italics are subject to current Passport agreements. ITSC 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 IUPUI degree program. Completion of an additional 68 – 77 credits hours (depending on the student's CIS Specialty track) will be required for graduation from IUPUI.

While all parties to this agreement understand its purpose is to maximize opportunities for individual students, they also recognize that limits may be placed on courses accepted under provisions of this agreement should the student subsequently decide to change to another program other than that covered by this agreement.

To ensure consistency and accuracy, this document must be periodically reviewed by representatives from both institutions to communicate and update information regarding curriculum and textbooks.

Marvin Daug Computer Infor		Michael DeBourbon, Division Chair Business, Technology and Visual Communications Division
	Rosalie Hine, Dean of Instr Ivy Tech State College -	
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Thomas I.M. Computer & Inform	RSITY PURDUE UNIVER	Ken Rennels, Associate Dean Purdue School of Engineering and Technology

Ivy Tech/IUPUI Articulation Plan CIS Programmer/Analyst Specialty (Approved August 2004)

	TECH STATE COLLE	-		IUPUI		w
Course #	Course Title	Credit	Course #	Course Title	Credit	Substituted Fo
General	Education Core (18 cr	edits)				
HSS 143	Fund. of Public Speaking	3	COMM-R 110	Fund. of Speech Comm.	3	
AEC 100	Elements of Economics OR Econ Elective	3	ECON-E 101 Or ECON Elec.	Survey of Economic Issues & Prob	3	Social Science Elective
HEW 101	English Composition	3	ENG-W 131	Elementary Composition I	3	
MAT 111 or MAT 112	Intermediate Algebra or Functional Mathematics	3	MATH 111 or TECH-UN 100	Algebra	3	CIT 120
SPS 101	Physical Science or Life/Phys. Sci. Elective	3	or SCI Elec.		3	Science Elective
ASO 151	Principles of Sociology or Humanities/Social Sciences Elective	3	SOC-R 100	Intro. to Sociology	3	Social Science or Humanities Elective
Technica	I Core (18 credits)					
ACC 101	Accounting Principles	3	TCEM 141	Financial Accounting for Service Industry	3	BUS/OLS Elective
BUS 101	Introduction to Business		BUS-X 100	Business Administration: Introduction	3	
CIS 101	Introduction to Microcomputers	3	CIT 106	Using a Personal Computer	3	
CIS 102	Information Systems Fundamentals	3	CIT 115	Computer Info Systems Fundamentals	3 /	
CIS 106	Microcomputer Operating Systems	3	CIT 286	Operating Systems & Administration	3	
CIS 203	Systems Analysis and Design	3	Not Accepted			
	Core (12 credits)					
CIS 113	Logic, Design and Programming	3	TECH-UN 100		1	Science Elective (1 cr.)
CIS 232	Visual Basic	3	CIT 140	Programming Constructs Lab	3	(1 (1.)
CIS 201	Database Design and Management	3	CIT 288	Using a DBMS	3	
CIS 237	Visual Basic Programming II	3	CIT-UN 200		3	CIT Selective
Regionally 12 credits)	y Determined Courses					
CIS 212 r CIS 116	C++ or Java		CIT-UN 200 or CIT 270	Intro to Java	3	CIT Selective
IS 202	Data Communications		Not Accepted			
IS 240*	A+ Certification I		CIT 233	Hardware/Software Arch.	3	
IS 252*	Web Page Design & Support	3	CIT 223	Web Page Design	3	
			Tota	al Transfer Credits:	52	

^{*} electives which we specify

Course equivalencies shown in italics are subject to current Passport agreements. ITSC students check the Passport website (www.iupui.edu/~ivy) to ensure that these general education courses continue to be transferable.

Ivy Tech/IUPUI Articulation Plan CIS Web Management Specialty (Approved August 2004)

	TECH STATE COLLE	GE		IUPUI		
Course #	Course Title	Credit	Course #	Course Title	Credit	Substituted Fo
General	Education Core (18 cm	redits)			1	Duosiitutea Fo
HSS 143	Fund. of Public Speaking	3	COMM-R 110	Fund. of Speech Comm.	3	
AEC 100	Elements of Economics OR Econ Elective	3	ECON-E 101 Or ECON Elec.	Survey of Economic Issues & Prob	3	Social Science Elective
HEW 101	English Composition	3	ENG-W 131	Elementary Composition 1	3	
MAT 111 or MAT 112	Intermediate Algebra or Functional Mathematics	gebra 3 MATH 111 Algebra or nematics TECH-UN 100		3	CIT 120	
SPS 101	or Life/Phys. Sci. Elective SCI Elec.		3	Science Elective		
ASO 151	Life/Phys. Sci. Elective SO 151 Principles of Sociology or Humanities/Social Sciences Elective echnical Core (18 credits) CC 101 Accounting Principles		SOC-R 100	Intro. to Sociology	3	Social Science or Humanities Elective
ACC 101	Accounting Principles	3	TCEM 141	Financial Accounting for Service Industry	3	BUS/OLS Elective
BUS 101	Introduction to Business		BUS-X 100	Business Administration: Introduction	3	
CIS 101	Introduction to Microcomputers	3	CIT 106	Using a Personal Computer	3	
CIS 102	Information Systems Fundamentals	3	CIT 115	Computer Info Systems Fundamentals	3 /	
CIS 106	Microcomputer Operating Systems	3	CIT 286	Operating Systems & Administration	3.	
CIS 203	Systems Analysis and Design	3	Not Accepted	- rammoragon		
Specialty						
CIS 201	Database Design and Management	3	CIT 288	Using a DBMS	3	
CIS 252	Web Page Design and Support	3	CIT 223	Web Page Design	3	
CIS 257	Adv Web Site Development	3	CIT-UN 200		3	CIT Selective
CIS 259	Web Administration	3	TECH-UN 200		1	Science Elective
Regional 12 credits	ly Determined Courses	5				(1 credit)
IS 202	Data Communications	3	Not Accepted			-
IS 251	Adv Operating Systems	3	TECH-UN 200		2	P7 P91
IS 232*	Visual Basic	3	CIT 140	Progrmg Constructs Lab		Free Elective
IS 240*	A+ Certification I		CIT 233	Hardware/Software Arch.	3	
	s which we specify		Tota	al Transfer Credits:	52	

^{*} electives which we specify

Course equivalencies shown in italics are subject to current Passport agreements. ITSC students check the Passport website (www.iupui.edu/~ivy) to ensure that these general education courses continue to be transferable.

Ivy Tech/IUPUI Articulation Plan CIS Network Specialty

(Approved August 2004)

IVY	TECH STATE COLLE	GE		IUPUI					
Course #	Course Title	Credit	Course #	Course Title	Credit	Substituted For			
General	Education Core (18 cr	edits)				Danstituted 1 0			
HSS 143	Fund. of Public Speaking	3	COMM-R 110	Fund. of Speech Comm.	3				
AEC 100	Elements of Economics OR Econ Elective	3	ECON-E 101 Or ECON Elec.	Survey of Economic Issues & Prob	3	Social Science Elective			
HEW 101	English Composition	3	ENG-W 131	Elementary Composition 1	3				
MAT 111 or MAT 112	Intermediate Algebra or Functional Mathematics	3	MATH 111 or TECH-UN 100	Algebra	3	CIT 120			
SPS 101	Physical Science or Life/Phys. Sci. Elective	3	or SCI Elec.		3	Science Elective			
ASO 151	O 151 Principles of Sociology 3 SOC-R 100 Intro. to Sociology or Humanities/Social Sciences Elective		Intro. to Sociology	3	Social Science or Humanities Elective				
Technica	al Core (18 credits)								
ACC 101	Accounting Principles	3	TCEM 141	Financial Accounting for Service Industry	3	BUS/OLS Elective			
BUS 101	Introduction to Business		BUS-X 100	Business Administration: Introduction	3				
CIS 101	Introduction to Microcomputers	3	CIT 106	Using a Personal Computer	3				
CIS 102	Information Systems Fundamentals	3	CIT 115	Computer Info Systems Fundamentals	3 -				
CIS 106	Microcomputer Operating Systems	3	CIT 286	Operating Systems & Administration	3				
CIS 203	Systems Analysis and Design	3	Not Accepted						
Specialty	Core (12 credits)		,						
CIS 202	Data Communications	3	Not Accepted						
CIS 262	Client Operating Systems	3	Not Accepted						
CIS 263	Windows Network O/S	3	CIT-UN 200		3	CIT Selective			
CIS 265	Managing a Windows Network	3	Not Accepted		-	C11 Selective			
12 credits)	ly Determined Courses	S				1			
CIS 240	A+ Certification I	3	CIT 233	Hardware/Software Arch.	3				
CIS 241	A+ Certification II	3	TECH-UN 200		1	Science Elective			
CIS 235	Network Fundamentals	3	Not Accepted		-	(1 credit)			
CIS 232*	Visual Basic	3	CIT 140	Progrmg Constructs Lab	3				
			Tot	al Transfer Credits:	43				

^{*} electives which we specify

Course equivalencies shown in italics are subject to current Passport agreements. ITSC students check the Passport website (www.iupui.edu/~ivy) to ensure that these general education courses continue to be transferable.

Ivy Tech/IUPUI Articulation Plan CIS PC Support & Administration Specialty

(Approved August 2004)

	TECH STATE COLLE	The second second second		IUPUI				
Course #	Course Title	Credit	Course #	Course Title	Credit	Substituted Fo		
Genera	Education Core (18 cr	edits)						
HSS 143	Fund. of Public Speaking	3	COMM-R 110	Fund. of Speech Comm.	3			
AEC 100	Elements of Economics OR Econ Elective	3	ECON-E 101 Or ECON Elec.	Survey of Economic Issues & Prob	3	Social Science Elective		
HEW 101	English Composition	3	ENG-W 131	Elementary Composition I	3			
MAT 111 or MAT 112	Intermediate Algebra or Functional Mathematics	3	MATH 111 or TECH-UN 100	Algebra	3	CIT 120		
SPS 101	Physical Science or Life/Phys. Sci. Elective	3	or SCI Elec.		3	Science Elective		
ASO 151	SO 151 Principles of Sociology 3 SOC-R 100 Intro. In Humanities/Social Sciences Elective		Intro. to Sociology	3	Social Science or Humanities Elective			
	al Core (18 credits)							
ACC 101	Accounting Principles	3	TCEM 141	Financial Accounting for Service Industry		BUS/OLS Elective		
BUS 101	Introduction to Business		BUS-X 100	Business Administration: Introduction	3			
CIS 101	Introduction to Microcomputers	3	CIT 106	Using a Personal Computer	3			
CIS 102	Information Systems Fundamentals	3	CIT 115	Computer Info Systems Fundamentals	3 :			
CIS 106	Microcomputer Operating Systems	3	CIT 286	Operating Systems & Administration	3			
CIS 203	Systems Analysis and Design	3	Not Accepted					
	Core (12 credits)							
CIS 202	Data Communications	3	Not Accepted					
CIS 224	Hardware/Software Troubleshooting	3	Not Accepted					
CIS 251	Adv Operating Systems	3	TECH-UN 200		3	Free Elective		
CIS 252	Web Page Design and Support	3	CIT 223	Web Page Design	3	Free Elective		
Regional 12 credits	ly Determined Courses							
IS 207	Micro Database 3 CIT 288 Using a DBMS Management Sys		Using a DBMS	3	81			
IS 235	Network Fundamentals	3	TECH-UN 200		1	Science Elective (1 credit)		
IS 232*	Visual Basic	3	CIT 140	Progrmg Constructs Lab	3	(1 cicuit)		
IS 240*	A+ Certification I	3	CIT 233	Hardware/Software Arch.	3			
			Tot	al Transfer Credits:	49			

^{*} are electives which we specify

Course equivalencies shown in italics are subject to current Passport agreements. ITSC students check the Passport website (www.iupui.edu/~ivy) to ensure that these general education courses continue to be transferable.



Computer Information Systems Networking Specialty (Microsoft Option) Associate of Applied Science Degree Ivy Tech Community College – Central Indiana Academic Year 2005-2006

Students who earn an associate of applied science in Computer Information Systems degree enter the work force in an entry-level position in computer information systems. This degree prepares students to design, install and support computer networks in a business using Microsoft Windows network operating systems.

General	Education Core - 18 Credits	Credits	Grade	Prerequisites
COM 101	Fundamentals of Public Speaking	2	- Crude	
ECN xxx	Economics Elective	3		ENG 025, ENG 032
ENG 111	English Composition	3		See appropriate course description
MAT 1xx	Intermediate Algebra or higher	3		ENG 025, ENG 032
Xxx xxx	Life/Physical Sciences Elective	3		See appropriate course description
Xxx xxx	Humanitias/Co.i.I.C.:	3		See appropriate course description
AAA AAA	Humanities/Social Sciences Elective	3		See appropriate course description

A CC 101	onal/Technical Core - 42 Credits	Credits	Grade	Prerequisites
ACC 101	Financial Accounting	3		- 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2
BUS 101	Introduction to Business	3		ENG 025, ENG 032, MAT 044
CIS 101	Introduction to Microcomputer	3		ENG 025, ENG 032, MAT 044
CIS 102	Information Systems Fundamentals			ENG 031 ready for ENG 032
CIS 106	Microcomputer Operating Systems	3		ENG 031 ready for ENG 032
CIS 203	System Analysis - I B	3		CIS 101
	System Analysis and Design	3		Capstone Course Requires Advisors Approval
CIS 235	Network Fundamentals	3		CIC 106
CIS 262	Windows Client Operating System	3	-	CIS 106
CIS 263	Windows Network Operating System			CIS 106
CIS 265	Managing a Windows Network	3		CIS 262
CIS 240	A+ Core Hardware	3		CIS 263
CIS 241		3		CIS 106
CIS xxx	A+ Operating System	3		CIS 106
	CIS Elective	3		Verify course prerequisites with advisor
Choose one of the following	CIS 113, CIS 116, CIS 201, CIS 207, CIS 232, or CIS 252, CIS xxx	3		Verify course prerequisites with advisor

Sample Full-time Curriculum Sequence Two Academic Years

Semester 1	ADDITION BY CONTRACTOR	Credits
CIS 101	Introduction to Microcomputers	2
CIS 102	Information System Fund.	3
MAT III	Information System Fund,	3
	Intermediate Algebra or higher	3
ACC 101	Financial Accounting	3
ENG 111	English Composition	2
	Total Credits	3
	Total Cieulis	1.5

Semester :	2	Credits
CIS 106	Micro Operating Systems	2
CIS xxx	Elective	3
CIS 240	A+ Certification (Hardware)	3
CIS 235	Network Fundamental	3
Xxx xxx	Network Fundamentals	3
AAA AAX	Life/ Physical Science Elective	3
	Total Credits	15

Semester 3		Credits
CIS 262	Client Operating Sys (70-210)	3
CIS 263	Windows Netwk Op. (70-215)	3
CIS 241	A+ Certification (Op. Systems)	2
Xxx xxx	Humanities/ Social Sci. Elective	3
ECN xxx	Economics Elective	2
	Total Credits	3
	- omi Citalia	15

Semester 4		Credits
CIS 203	Systems Analysis & Design	2
CIS 265	Managing Windows Network	3
BUS 101	Introduction to Business	3
COM 101	Fund of Public Speaking	3
CIS xxx	Elective Speaking	3
C.O AAA	Total Credits	3
	Total Credits	15

Schedule of Semester Course Offerings

Course ?	Number and Name	F	all	Sp	ring	S	um	Ti
		D	E	D	E	D	E	1
CIS 101 Microcor	Introduction to nputers	X	X	X	Х	X	X	X
CIS 102	Computer Info. System Fund.	X	X	X	x	X	x	1
CIS 106	Micro Operating Systems	X	X	X	X	Ŷ	X	X
CIS 202	Data Communications	X	X	X	x	Ŷ	10.0	-
CIS 203	System Analysis and Design	X	X	X	X	A	X	X
CIS 201	Micro Database Management Systems	1	x	X	^			
CIS 235	Network Fundamentals	Х	X	Х	X	X	v	
CIS 240	A+ Core Hardware	X	X	X	X		X	_
CIS 241	A+ Operating Systems	1	X	x		X	X	
CIS 262	Client Operating Systems	X	X	A	X	X	X	
CIS 263	Windows Network Operating	-	^	v	35	_		_
TIS 265	Managing a Windows Network		-	X	X			
IS 288	Intro to Forensics	X	-	-	7/	X	Х	
	I = Classes - CC 1	0			X			

I = Classes offered over the Internet

My Curriculum Plan
Use this chart to plan the length of time until you complete your program.

Semeste	er I	Credits
	100000000000000000000000000000000000000	
	Total Credits	

Semester 2	Credits
Total Credits	

Semest	er 3	Credits
	Total Credits	

ter 4	Credits
Total Credits	
֡	ter 4

Semest	er 5	Credits
	Total Credits	

Semeste	er 6	Credits
_		
	Total Credits	



Computer Information Systems PC Support and Administration Associate of Applied Science Degree Ivy Tech Community College – Central Indiana Academic Year 2005-2006

Students who earn an associate of applied science Computer Information Systems degree will enter the work force in an entry-level position in computer information systems. This degree prepares students to install software, troubleshoot hardware and software, run a help desk and also serve as an applications software trainer or office manager.

General Education Core - 18 Credits		Credits	Grade	Prerequisites
COM 101	Fundamental of Public Speaking	2	-	
ECN xxx	Economics Elective	3		ENG 025, ENG 032,
ENG 111	English Composition I	3		See appropriate course description
MAT 1xx	Intermediate Algebra or Higher	3		ENG 025, ENG 032
	Life/Physical Sciences Elective	3		See appropriate course description
Xxx xxx	Humanities/Social Sci	3	-	See appropriate course description
THE THE	Humanities/Social Sciences Elective	3		See appropriate course description

Professional/Technical Core – 42 Credits ACC 101 Accounting Principles I		Credits	Grade	Prerequisites	
The state of the s	Accounting Principles I	3			
BUS 101	Introduction to Business	3		ENG 025, ENG 032, MAT 044	
CIS 101	Introduction to Microcomputers	3		ENG 025, ENG 032, MAT 044	
CIS 102	Information Systems Fundamentals			ENG 031	
CIS 106	Microcomputer Operating Systems	3		ENG 031	
CIS 203	System Analysis and Design	3	1000	CIS 101 as COREQUISITE	
CIS 202	Data Communications	3		Capstone course, requires Advisors Approval	
CIS 240		3	(/ - 1)	CIS 102	
CIS 241	A + Core Hardware	3		CIS 106	
	A+ Operating System	3		CIS 106	
CIS 251	Advanced Operating Systems: Linux	3			
CIS 235	Network Fundamentals	3		CIS 106	
CIS 201	Database Design and Management			CIS 106	
OR	OR	3		CIS 101 or CIS 113	
CIS 207	Midrange Mainframe Db Mgmt Systems	1 1	- 1		
Choose 2	CIS 104, CIS 113, CIS 116, CIS 205, CIS				
from the following	211, CIS 232, CIS 252, CIS 257, ELT 124, OAD 218, CIS xxx	6		Verify course pre-requisite with advisor	

Total Required Credits 60

Sample Full-time Curriculum Sequence Two Academic Years

Semester 1		Credits
CIS 101	Introduction to Microcomputers	2
CIS 102	Information Systems Fund.	3
MAT 111	Thornación Systems Fund.	3
	Intermediate Algebra or higher	3
ACC 101	Financial Accounting	3
ENG 111	English Composition	3
	Total Credits	15

Semester 2	1	Credits
CIS 207	Midrange/Mainframe Db Mgmt	3
OR	OR	~
CIS 201	Micro Db Design & Mgmt	
CIS 106	Micro Operating Systems	3
CIS 235	Network Fundamentals	3
Xxx xxx	Economic Elective	3
CIS xxx	Elective	3
	Total Credits	15

Semester 3	3	Credits
CIS 251	Advanced Operating Systems: Linux	3
CIS 202	Data Communications	3
CIS 240	A+ Certification (Hardware)	3
Xxx xxx	Humanities/ Social Sci. Elective	3
ECN xxx	Economics Electives	3
	Total Credits	15

Semester 4		Credits
CIS 203	Systems, Analysis and Design	3
BUS 101	Introduction to Business	3
COM 101	Fund to Public Speaking	3
CIS 241	A+ Certification (Operating Sys)	3
CIS xxx	Elective (Operating Sys)	3
	Total Credits	
	Total Cicuits	15

Schedule of Semester Course Offering

Course N	Course Number and Name		Fall		Spring		Sum	
		D	E	D	E	D	E	1
CIS 101	Intro. to Microcomputers	X	X	X	X	X	X	X
CIS 102	Info. Systems Fundamentals	X	X	X	X	X	X	X
CIS 106	Microcomputer Operating Sys	X	X	X	X	X	X	1
CIS 202	Data Communications	X	X	X	X	X	x	X
CIS 203	Systems Analysis and Design	X	X	X	X	1	X	^
CIS 207	Midrange/Mainframe Db Mgmt Sys		X	X	^			
CIS 235	Network Fundamentals	X	X	X	х	x	X	-
CIS 240	A+ Core Hardware	X	X	X	X	X	X	-
CIS 241	A+ Operating System		X	X	X	X	-	-
CIS 251	Adv Operating System: Linux	X	X	^	X	^	X	_
CIS 252	Web Site Development	^	X	x	-			
CIS 257	Adv Web Site Dylpmt. TBA	х	A.	X	Х	X	X	X
CIS 259	Web Administration - TBA	^		Λ.	37		-	
CIS 201	Db Design Mgmt System		X	x	Х	-	Х	34
	I - Cl	-	~	1				X

I = Classes offered over the Internet

My Curriculum Plan
Use this chart to plan the length of time until you complete your program.

Semester 1		Credits
Tota	al Credits	

Semes	ster 2	Credits
	Total Credits	

Semes	ter 3	Credits
	Total Credits	

Semester	4	Credits
	Total Credits	_

Semes	ter 5	Credits
	Total Credits	

Semes	ster 6	Credits
	Total Credits	Curry Property



Computer Information Systems Web Management Associate of Applied Science Degree Ivy Tech Community College – Central Indiana Academic Year 2005-2006

Students who earn an associate of applied science in Computer Information Systems degree will enter the work force in an entry-level position in computer information. The web management specialty prepares students to design and support customer's web pages, including e-commerce sites, and how to recommend or select the web management software for an organization.

General Education Core - 18 Credits		Credits	Grade	Prerequisites	
COM 101	Fundamentals of Public Speaking	3		1100 - 1120 • 1120 · 11	
ECN xxx	Economics Elective	3	-	ENG 025, ENG 032	
ENG 111	English Composition	3		See appropriate course description	
MAT Ixx		3		ENG 025, ENG 032	
Xxx xxx	Intermediate Algebra or higher	3		See appropriate course description	
	Life/Physical Sciences Elective	3		See appropriate course description	
Xxx xxx	Humanities/Social Sciences Elective	3		See appropriate course description	

rroressi	onal/Technical Core - 42 Credits	Credits	Grade	Prerequisites
ACC 101	Financial Accounting	3		
BUS 101	Introduction to Business	3	-	ENG 025, ENG 032, MAT 044
CIS 101	Introduction to Microcomputers	3	-	ENG 025, ENG 032, MAT 044
CIS 102	Information Systems Fundamentals		-	ENG 031
CIS 106	Microcomputer Operating systems	3		ENG 031 ready for ENG 032
CIS 203	System Analysis and Design	3		CIS 101
		3		Capstone Course, Requires Advisors Approval
CIS 201	Database Design and Management	3		CIS 102 + Processing
CIS 252	Web Site Development	3		CIS 102 + Programming Class
CIS 257	Advanced Web Site Development	3		CIS 101
CIS 259	Web Administration			CIS 252
CIS 202	Data Communications	3		CIS 257
CIS 251	Advanced Operating Systems: Linux	3		CIS 102
Choose 2	CIS 112 CIS 116 CIS 212 CIS 212	3		Verify course prerequisites
of the following	CIS 113, CIS 116, CIS 212, CIS 224, CIS 232, CIS 235, CIS 236, CIS 237, CIS 240, CIS xxx, VIS 102	6		Verify course prerequisites

Total Required Credits 60

Sample Full-time Curriculum Sequence Two Academic Years

Semester 1		Credits
CIS 101	Introduction to Microcomputer	3
CIS 102	Information Systems	3
	Fundamentals	
MAT 111	Intermediate Algebra or higher	3
ENG 111	English Composition	3
ACC 101	Financial Accounting	3
	Total Credits	15

Semester 2		Credits
CIS 252	Web Page Design & Support	3
CIS 113	Logic, Design, & Programming	3
CIS 106	Micro Operation Systems	3
CIS 202	Data Communications	3
COM 101	Fund of Public Speaking	3
	Total Credits	15

Semester 3		Credits
CIS 207	Midrange/Mainframe Db Mgmt	3
OR	OR	
CIS 201	Micro Db Design & Mgmt	
CIS 257	Advanced Web Site Developmt.	3
ECN xxx	Economics Elective	3
BUS 101	Introduction to Business	3
CIS 232 OR	Visual Basic Programming OR	3
CIS 116	JAVA Programming	
	Total Credits	15

Semester 4	i.	Credits
CIS 203	Systems, Analysis and Design	3
CIS 259	Web Administration	3
Xxx xxx	Life/Physical Science Elective	3
CIS 251	Advanced Operating Sys.: Linux	3
Xxx xxx	Humanities/Social Science	3
	Total Credits	15

Schedule of Semester Course Offering

Conrse Number and Name		Fall		Spring		Sum		1
Course is	uniber and Name	D	E	D	E	D	E	
CIS 101	Intro to Microcomputers	X	X	X	X	X	X	Х
CIS 102	Information Systems Fund.	X	X	X	X	X	X	Х
CIS 106	Microcomputer Operating Sys	X	X	X	X	X	X	
CIS 202	Data Communications	X	X	X	X	X	X	X
CIS 203	Systems Analysis and Design	X	X	X	X		X	
CIS 201	Micro Database Mgmt Systems		X	X				
CIS 235	Network Fundamentals	X	X	X	Х	X	Х	
CIS 240	A+ Core Hardware	X	X	X	X	X	X	
CIS 241	A+ Operating Systems		X	X	X	X	X	
CIS 251	Advced Operating Sys: Linux	X	Х		X			
CIS 252	Web Site Development		X	X	X	X	X	X
CIS 257	Advd Web Site Dylomt TBA	X		X				
CIS 259	Web Administration - TBA			-	X		$\overline{}$	
CIS 113	Logic, Design & Prog	X	Х	Х	X	X	Х	
CIS 207	Midrange		X	X				
CIS 232	Visual Basic	X	X		X			X
CIS 116	Java		X				-	-

I = Classes offered over the Internet

My Curriculum Plan
Use this chart to plan the length of time until you complete your program.

Semeste	er 1	Credits
	Total Credits	

Semester		Credits
		-
	(C	
	Total Credits	

Semes	ter 3	Credits
	Total Credits	

Semeste	er 4	Credits
-		
	Total Credits	

Semester :	5	Credits
	Total Credits	

Semester 6		Credits
Tot	tal Credits	