



MEMORANDUM OF UNDERSTANDING BETWEEN BOSSIER PARISH COMMUNITY COLLEGE AND NORTHWESTERN STATE UNIVERSITY



INTENT

This Memorandum of Understanding between Bossier Parish Community College (BPCC) and Northwestern State University (NSU) is intended to provide expanded educational opportunities for seamless transfer of students between BPCC and NSU. The goal of this Memorandum of Understanding is to reduce duplication of instruction, reduce student time to completion, and minimize student financial obligations.

AGREEMENT

The following associate and baccalaureate curricular areas are covered by this memorandum. These degrees will not be a pure 2+2 agreement, but will still facilitate the planning and transfer of hours between BPCC and NSU. The curricula is as follows:

BPCC (Associate)

Cyber Technology with concentrations in Network Security and Programmer-Analyst

NSU (Baccalaureate)

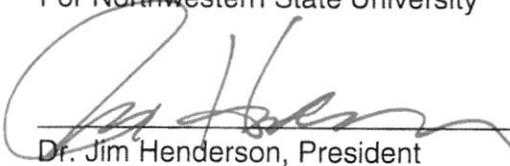
Computer Information Systems with concentrations in Applications Development, Networking and Systems Management, and Web Development

Details of the agreement are found in the "BPCC AAS in Cyber Technology Degree Plan" and "NSU Degree Plan with BPCC AAS in Cyber Technology 060315" documents.

In addition, Bossier Parish Community College and Northwestern State University agree to work on enhancing the number of students who transfer to Northwestern State University after completing the AAS in Cyber Technology. Northwestern State University will ask each semester for a list of students completing the AAS in Cyber Technology and their contact information. Bossier Parish Community College agrees to provide the requested information (where possible staying in accordance with state and federal laws).

The signature of each representative indicates that the institution acknowledges and agrees with the information set forth in the Memorandum of Understanding.

For Northwestern State University



 Dr. Jim Henderson, President

30 Nov 15

 Date

For Bossier Parish Community College



 Dr. Rick Bateman, Jr., Chancellor

11.30.15

 Date

Degree Worksheet: Computer Information Systems

(Effective FALL 2016)

NAME: _____ CWID# _____ Cell Phone: _____ E-mail: _____

<u>Course</u>	<u>Description</u>	<u>Hours</u>	<u>NSU Equivalent</u>
Freshman Year – 1st Semester			
- CIS 100	IT Principles	3	
- CIS 107	Skills for IT Success	3	
- CIS 111	Internet Technology	3	
- ENGL 101	Composition and Rhetoric I	3	ENGL1010
- MATH 102	College Algebra	3	MATH1020
Freshman Year – 2nd Semester			
- CIS 106	Intro to Management Info Systems	3	
- CIT 112	Support of Emerging Technologies	3	CIS 2050
- CIS 114	Microsoft Windows Client	3	
- ENGL 102	Composition and Rhetoric II	3	ENGL1020
- SCI 101/Physical Science Elective	Foundations in Science I	3	SCI 1010
Sophomore Year – 3rd Semester			
- CIS 118	Help Desk Operations	3	
- CIS 250	Intro to Cloud Computing	3	
- CIS 260	IP Telephony	3	
- SPCH 110	Public Speaking	3	COMM1010
- BADM 201	Principles of Macroeconomics (Social Sciences Elective)	3	ECON2000
Sophomore Year – 4th Semester			
- CIS 227	Computer System Design	3	
- CIT 282	IT Project Management	3	
- CIS 298	CIS Internship	3	
- CIS/CIT Elective	CIS/CIT Approved Elective	3	See List Below
- HIST 101/102/201/202	History (Humanities Elective)	3	HIST1010/1020 2010/2020
TOTAL:		60	24*

*Please note the following additional courses may transfer to NSU (up to 65 hours total toward the NSU deg

- ACCT 205 → ACCT2000
- ACCT 206 → ACCT2010
- ART 206 → FA 1040
- BADM 202 → ECON2010
- BLGY 105 → SCI 1020
- BLGY 106 → SCI 2020 OR SCI 102 → SCI 2010
- CIS 205 → BUAD1800
- CIS 207 → CIS 2000
- CIT 101 → CIS 3400
- CIT 102 → CIS 1015
- CIT 113 → CSC 1060 (Could Be Subbed for CIS 2100)
- CIT 213 → CSC 2060 (Could Be Subbed for CIS 2020 as a CIS Elective; Do Not Want to Sub for 2020 is Required)
- CIT 150 → CIS 1030
- CIT 270 → CIS 2980
- ENGL 102 → ENGL1020
- ENGL 201/202/257 → ENGL2110
- MATH 114 → MATH1060
- PSYC 201 → PSYC1010
- Any Non-Used 1+ Hour Course Can Be Subbed for UNIV1000 (With 30 Transfer Hours); Also ED
- Any Non-Used 3 Hour CIT Course Can Be Subbed for CIS 1015

Please note students must complete 40 hours of CIS/Business courses at NSU.

Please note students can only transfer 9 hours of BPCCL lower-level credit as NSU upper-level credit.

Degree Worksheet: Cyber Technology: Network Security Concentration
(Effective FALL 2016)

NAME: _____ CWID# _____ Cell Phone: _____ E-mail: _____

<u>Course</u>	<u>Description</u>	<u>Hours</u>	<u>NSU Equivalent</u>
Freshman Year – 1st Semester			
- CIT 101	Network Essentials	3	CIS 3400
- CIT 112	Support of Emerging Technologies	3	CIS 2050
- ENGL 101	Composition and Rhetoric I	3	ENGL1010
- CIS 114	Microsoft Windows Client	3	
- HIST 101/102/201/202	History (Humanities Elective)	3	HIST1010/1020 2010/2020
Freshman Year – 2nd Semester			
- CIT 102	Problem Solving and Programming Techniques	3	CIS 1015
- SCI 101/Physical Science Elective	Foundations in Science I	3	SCI 1010
- CIT 170	Microsoft Windows Servers	3	
- CIT 270	Relational Database Coding (Approved CIT Elective)	3	CIS 2980
- MATH 102	College Algebra	3	MATH1020
Sophomore Year – 3rd Semester			
- CIT 172	Linux Server	3	
- CIT 121/CIT 210	Routing and Switching	3	
- CIT 279	Information Assurance	3	
- SPCH 110	Public Speaking	3	COMM1010
- CIT 150	Introduction to Programming with Java (Approved CIT Elective)	3	CIS 1030
Sophomore Year – 4th Semester			
- CIT 225	Network Security Design	3	CIS 3980
- CIT 280	Computer Forensics	3	
- CIT 299	Network Security Internship	3	
- CIT 222	CCNA IV (Security Elective)	3	**
- BADM 201	Principles of Macroeconomics	3	ECON2000

	(Social Sciences Elective)		
		TOTAL:	60
			36*

*Please note the following additional courses may transfer to NSU (up to 65 hours total toward the NSU deg

- ACCT 205 → ACCT2000
- ACCT 206 → ACCT2010
- ART 206 → FA 1040
- BADM 202 → ECON2010
- BLGY 105 → SCI 1020
- BLGY 106 → SCI 2020 OR SCI 102 → SCI 2010
- CIS 205 → BUAD1800
- CIS 207 → CIS 2000
- CIT 113 → CSC 1060 (Could Be Subbed for CIS 2100)
- CIT 213 → CSC 2060 (Could Be Subbed for CIS 2020 as a CIS Elective; Do Not Want to Sub for 2020 is Required)
- ENGL 102 → ENGL1020
- ENGL 201/202/257 → ENGL2110
- MATH 114 → MATH1060
- PSYC 201 → PSYC1010
- Any Non-Used 1+ Hour Course Can Be Subbed for UNIV1000 (With 30 Transfer Hours); Also ED
- Any Non-Used 3 Hour CIT Course Can Be Subbed for CIS 1015

Please note students must complete 40 hours of CIS/Business courses at NSU.

Please note students can only transfer 9 hours of BPC lower-level credit as NSU upper-level credit.

Degree Worksheet: Cyber Technology: *Programmer-Analyst Concentration* (Effective FALL 2016)

NAME: _____ CWID# _____ Cell Phone: _____ E-mail: _____

<u>Course</u>	<u>Description</u>	<u>Hours</u>	<u>NSU Equivalent</u>
Freshman Year – 1st Semester			
- CIT 102	Problem Solving and Programming Techniques	3	CIS 1015
- CIT 112	Support of Emerging Technologies	3	CIS 2050
- MATH 102	College Algebra	3	MATH1020
- ENGL 101	Composition and Rhetoric I	3	ENGL1010
- HIST 101/102/201/202	History (Humanities Elective)	3	HIST1010/1020 2010/2020
Freshman Year – 2nd Semester			
- CIT 113	Introduction to C++ Programming	3	CSC 1060
- CIT 213	Advanced C++ Programming	3	CSC 2060
- CIT 130	Website Design I	3	*
- SPCH 110	Public Speaking	3	COMM1010
- BADM 201	Principles of Macroeconomics (Social Sciences Elective)	3	ECON2000
Sophomore Year – 3rd Semester			
- CIT 150	Introduction to Java Programming	3	CIS 1030
- CIT 151	Advanced Java Programming	3	
- CIT 149	Website Scripting I	3	
- CIT 250	Programming with C#	3	
- SCI 101/Physical Science Elective	Foundations in Science I	3	SCI 1010
Sophomore Year – 4th Semester			
- CIT 235	Web Application Development	3	
- CIT 243	Data Structures	3	
- CIT 260	Interactive Program Design	3	
- CIT 270	Relational Database Coding	3	CIS 2980
- CIT 299	Programming Internship	3	

		TOTAL:	60
			33**

*CIS 3020 credit can be given if the transfer student meets one of two conditions: (1) Passes a no-cost comp the School of Business with a "C" or better or (2) Provides evidence of a completed course project meeting (evaluated by the management faculty (please contact CIS faculty for requirements).

**Please note the following additional courses may transfer to NSU (up to 65 hours total toward the NSU deg

- ACCT 205 → ACCT2000
- ACCT 206 → ACCT2010
- ART 206 → FA 1040
- BADM 202 → ECON2010
- BLGY 105 → SCI 1020
- BLGY 106 → SCI 2020 OR SCI 102 → SCI 2010
- CIS 205 → BUAD1800
- CIS 207 → CIS 2000
- CIT 225 → CIS 3980
- ENGL 102 → ENGL1020
- ENGL 201/202/257 → No Equivalent Course; Could Sub for ENGL2110
- MATH 114 → MATH1060
- PSYC 201 → PSYC1010
- Any Non-Used 1+ Hour Course Can Be Subbed for UNIV1000 (With 30 Transfer Hours); Also ED
- Any Non-Used 3 Hour CIT Course Can Be Subbed for CIS 1015

Please note students must complete 40 hours of non-support CIS/Business courses at NSU.

Please note students can only transfer 9 hours of BPCCL lower-level credit as NSU upper-level credit.