

## COMPUTER ANALYST: BUSINESS AND WEB TO BAS IT

### NORTHEAST IOWA COMMUNITY COLLEGE 2 + 2 PROGRAM

#### YEAR 1 | NICC

FALL	NICC Class	credits	Clarke Equivalency		credits
BCA 112	Intro to Data Processing	3	CIS 103	Intro to CIS	3
BCA 212	Intro to Computer Applications	3	CIS 101	Computer Applications in Business	3
CIS 115	Intro to Large Computer Systems	1		College Elective	1
CIS 122	Programming Logic/Design	3		College Elective	3
CIS 197	Fundamentals Of Web Design	3		College Elective	3
NET 248	Cisco Discovery	3		College Elective	3
TOTAL		16	TOTAL		16

SPRING	NICC Class	credits	Clarke Equivalency		credits
CIS 242	Information Security	3		College Elective	3
CIS 400	Intro to Procedural Language	3		College Elective	3
ENG 105	Composition I	3		College Elective	3
NET 156	Operating Systems	3		College Elective	3
	*Major Elective	3		College Elective	3
TOTAL		15	TOTAL		15

SUMMER	NICC Class	credits	Clarke Equivalency		credits
NET 103	Troubleshooting	3		College Elective	3
SPC 112	Public Speaking	3	GNEC 123	Speech	3
	Psychology/Sociology Elective	3		Social Science – General Education	3
TOTAL		9	TOTAL		9

## YEAR 2 | NICC

FALL		credits	Clarke Equivalency		credits
CIS 160	Intro to Visual Languages	3	CIS 211	Intro to Programming	3
CIS 303	Intro to Database	3		College Elective	3
CIS 505	Structured Systems Analysis	4	CIS 220	Systems Development Methods	3
CIS 732	Programming Support	3		College Elective	3
	*Networking Elective	3		College Elective	3
TOTAL		16	TOTAL		15

SPRING		credits	Clarke Equivalency		credits
CIS 207	Fundamentals of Web Programming	3		College Elective	3
CIS 800	Computer Project Seminar	3		College Elective	3
	Math/Science Elective (Statistics)	3	MATH 220	Statistics	3
	*Major Elective	3		(Maximum transfer hours reached)	0
	*Technical Elective	3		(Maximum transfer hours reached)	0
TOTAL		15	TOTAL		9
	<b>TOTAL HOURS</b>	<b>71</b>		<b>TOTAL TRANSFER</b>	<b>64</b>

## YEAR 3 | CLARKE

FALL		credits	SPRING		credits
GNED 120	Writing Practicum	3	BUEC 122	Macroeconomics	3
BUMG 112	Principles of Management	3	CIS 350	Web Programming	3
CIS 201	Advanced Computer Applications	3	CIS 445	Operating Systems	3
PHIL 110	Fundamentals Of Philosophy	3		Gen Ed Requirement	3
PHIL 225	Applied Ethics: Business	3		Elective	3
TOTAL		15	TOTAL		15

SUMMER	credits
Coop / Internship	1

## YEAR 4 | CLARKE

FALL		credits	SPRING		credits
CIS 336	Database Design & Impl.	3	CIS 441	Systems Development Project	3
CIS 327	Distributed Systems	3	CIS 400	Senior Capstone	2
	Gen Ed Requirement	3		Elective	3
CIS 250	Java Programming	3		Elective	3
	Elective	3		Elective	3
TOTAL		15	TOTAL		14