NorthWest Arkansas Community Colleg			
		Systems	
		Option: Computer Program 2019 Advising Sheet	nming
Student Name:		2019 Auvising Sheet	
Student ID #:			
		60 hrs	
General Education Required Courses (15 Hours)  ☐ CISQ 1103 Intro to Computer Information OR Computer	Computer Information Systems Required Courses (24 Hours)		Track B) Web Development (Choose 12 Hours):  ☐ CISM 2123 Web Page Design
Proficiency Exam	Programming Core (12 Hours):		☐ CISM 2213 Advanced Web Page Design
□ ENGL 1013 Composition I	☐ CISM 1433 SQL Concepts		☐ CISM 2223 Advanced Photoshop
☐ ENGL 1023 Composition II ☐ MATH 1203 College Algebra		3 Introduction to Programming Logic 3 C++ Programming <b>OR</b>	☐ PROG 1303 Web Client-Side Programming ☐ PROG 2303 Web Server-Side Programming
☐ XXXX XXX3 Social/Behavioral Science Elective*		3 JAVA Programming *Required for Track D	□ NTWK 2243 Securing Electronic-Commerce
	☐ BADM 270	3 Internship Experience	Track C) Database Development (Choose 12 Hours):
General Business Required Courses (12 Hours)  □ ACCT 2013 Principles of Accounting I	Choose One o	f the Following Tracks:	☐ CISM 1423 Database Management I ☐ CISM 2403 Database Management II
□ BLAW 2013 Legal Environment of Business I	Track A) Application Development (Choose 12 Hours total		☐ CISM 2433 Data Warehousing
☐ ECON 2013 Macroeconomics <b>OR</b>	from groups 1 Group 1—6 Ho		□ PROG 1303 Web Client-Side Programming
☐ ECON 2023 Microeconomics ☐ OSIM 1103 Business Communications	-	3 GUI Programming *Required for Track A	Track D) Mobile Applications Development (12 Hours):  ☐ PROG 1403 JAVA Programming
□ OSIM 1103 Business Communications		3 C++ Programming II	□ PROG 1603 Apple Programming
General Business Elective Courses (9 Hours)	☐ PROG 241 Group 2—6 Ho	3 JAVA Programming II	PROG 2503 IOS Application Development
☐ ACCT 2023 Principles of Accounting II		3 C++ Programming	☐ PROG 2513 IOS Advanced Application Development ☐ PROG 2603 Android Application Development
☐ CISM 1223 Photoshop—(Required for Track B only) ☐ CISM 1303 Operating Systems (Windows)		3 JAVA Programming	□ PROG 2613 Adv Android Application Development
☐ CISM 1313 Operating Systems (UNIX)		3 COBOL Programming	
☐ CISM 1503 Spreadsheet Analysis (EXCEL)		Apple Programming     Web Server-Side Programming	Honors and Global Studies courses will meet degree
☐ CISM 2503 Advanced Spreadsheet (EXCEL) ☐ NTWK 2014 Networking and Information Systems		3 iOS App Development	requirements where applicable.
THINK 2014 Networking and morniation systems		3 Advanced Programming Taging	
	□ PROG 280	3 Advanced Programming Topics	
>>>Check the college catalog for possible prerequisites before enrolling in classes>>>			
		ors courses will meet degree requirements	where applicable.
These courses are for developing college level skills.  **Students scoring 77 or below on the Accuplacer Classic			
Reading, 251 or below on the Accuplacer Next Generation	*Social/Be	havioral Science Elective Options:	
Placement Test, or 18 or below on the ACT Reading Placement	ANTH 1023, CMJS 2013, ECON 2013, ECON		
Test shall enroll into either ENGA 0033 or ENGA 0091 during their first or second semester in college and each subsequent		G 1003, GEOG 1123, HIST 1003,	
semester, if necessary, until the course is successfully	HIST 1013, HIST 1033, HIST 1043, HIST 2003,		
completed.	,	PHIL 2003, PHIL 2033, PLSC 2003, PLSC 2803, PSYC 2003, PSYC 2103,	
NWACC strongly recommends that students enroll in English		SOCI 2033, SOCI 2043.	
and math preparatory courses within the first two semesters.	, , , , , , , , , , , , , , , , , , , ,		
☐MATH 0012 Foundations of Quantitative Literacy	15 hours	must be earned at NWACC to	
□MATH 0013 Pre-algebra	graduate.		
☐MATH 0023 Developmental Math			
☐MATH 0053 Beginning Algebra ☐MATH 0063 Algebra I			
□MATH 0003 Algebra II			
☐MATH 0064 Foundations of Math Reasoning			
MATH 0103 Intermediate Algebra			
☐MATH 0214 Foundations of Algebra-STEM ☐ENGA 0033 College Reading**			
□ENGA 0063 Intermediate Writing			
□ENGA 0091 Academic Literacy Lab**			
□ENGC 0033 College Reading & Vocabulary □ENGC 0043 Communication & Culture			
□ENGC 0063 Intermediate Writing			
These hours will not fulfill any degree requirements at NWACC. These courses			
will not transfer to a four year institution.			