NorthWest Arkansas Community College Associate of Applied Science in Computer Information Systems **Option: Computer Programming** 2022 Advising Sheet Student Name: Student ID #: This is an Advising Sheet to assist Advisors and Students with their goals. This is not a degree plan awarded at NWACC 60 hrs Track B) Web Development (Choose 12 Hours): **General Education Required Courses (15 Hours)** Computer Information Systems Required Courses ☐ CISM 2123 Web Page Design ☐ CISQ 1103 Intro to Computer Information **OR** Computer (24 Hours) Proficiency Exam Programming Core (12 Hours): ☐ CISM 2213 Web Page Design II ☐ ENGL 1013 English Composition I ☐ CISM 2223 Advanced Photoshop ☐ CISM 1433 SQL Concepts ☐ ENGL 1023 English Composition II ☐ PROG 1303 Web Client-Side Programming ☐ PROG 1003 Programming Logic I, ☐ PROG 2303 Web Server-Side Programming ☐ MATH 1203 College Algebra ☐ XXXX XXX3 Social/Behavioral Science Elective* □ NTWK 2243 Securing Electronic-Commerce ☐ PROG 1003H Programming Logic I-Honors Track C) Mobile Applications Development (12 Hours): ☐ PROG 1103 GUI programming **General Business Required Courses (12 Hours)** ☐ PROG 1403 Programming Logic II, ☐ PROG 1603 Swift Programming ☐ ACCT 2013 Principles of Accounting I ☐ BLAW 2013 Legal Environment of Business I ☐ PROG 2603 Mobile Application Development ☐ PROG 1403H Programming Logic II-Honors ☐ PROG 2613 Adv Mobile Application Development ☐ ECON 2013 Macroeconomics ☐ BADM 2703 Internship Experience, ☐ ECON 2023 Microeconomics Honors and Global Studies courses will meet degree OR ☐ OSIM 1103 Business Communications requirements where applicable. ☐ PROG 2703 Capstone: Software Engineering Project General Business Elective Courses (9 Hours) ☐ ACCT 2023 Principles of Accounting II Choose One of the Following Tracks: ☐ CISM 1223 Photoshop—(Required for Track B only) Track A) Application Development (Choose 12 Hours total ☐ CISM 1313 Operating Systems (UNIX) from groups 1 & 2): ☐ CISM 1503 Spreadsheet Analysis (EXCEL) Group 1-6 Hours Required: ☐ CISM 2503 Advanced Spreadsheet (EXCEL) ☐ PROG 1103 GUI Programming ☐ NTWK 2014 Networking and Information Systems ☐ PROG 2413 Programming Logic III Group 2—6 Hours Required: (Note: If transferring to UA Engineering Program, you must take PROG 1204 and ☐ PROG 1204 Programming Foundations I ☐ PROG 1303 Web Client-Side Programming ☐ PROG 1603 Swift Programming ☐ PROG 2204 Programming Foundations II ☐ PROG 2303 Web Server-Side Programming ☐ PROG 2603 Mobile App Development ☐ PROG 2613 Adv Mobile Application Development >>>Check the college catalog for possible prerequisites before enrolling in classes>>> POSSIBLE PLACEMENT REQUIREMENTS **Notes:** Honors courses will meet degree requirements where applicable. These courses are for developing college level skills. NWACC strongly recommends that students enroll in English and math *Social/Behavioral Science Elective Options: preparatory courses within the first two semesters. ANTH 1023, CMJS 2013, ECON 2013, ECON ■MATH 0012 Foundations of Quantitative Literacy 2023, GEOG 1003, GEOG 1123, HIST 1003, MATH 0013 Pre-algebra HIST 1013, HIST 1033, HIST 1043, HIST 2003, Math 0022 Foundations of Beginning Algebra HIST 2013, PHIL 2003, PHIL 2033, PLSC 2003, MATH 0053 Beginning Algebra MATH 0103 Intermediate Algebra PLSC 2203, PLSC 2803, PSYC 2003, PSYC 2103, MATH 0112 Foundations of College Algebra SOCI 2013, SOCI 2033, SOCI 2043. MATH 0214 Foundations of Algebra-STEM ENGA 0033 College Reading* 15 hours must be earned at NWACC to ENGA 0063 Intermediate Writing ENGA 0093 Reading and Writing Studio graduate. ENGA 0091 Academic Literacy Lab** ENGC 0033 College Reading & Vocabulary** ENGC 0043 Communication & Culture □ENGC 0131 Comp Review These hours will not fulfill any degree requirements at NWACC. These courses will not transfer to a four year institution