AA TO BA IN COMPUTER SCIENCE

Campus		Arkansas Northeastern College Courses	Comparable A-State Course	Hours
Arkansas Northeastern College	English Composition	EN 12003 English Composition I	ENG 1003 Composition I	3
		EN 12013 English Composition II	ENG 1013 Composition II	3
		SP 12103 Intro to Communication	COMS 1203 Oral Communication	3
	Math	MA 14043 College Algebra	MATH 1023 College Algebra	3
	Life Science	BI 14033/14041 General Biology & Lab	BIOL 1003/1001 Biological Science/Lab	4
		BI 24003/24011 Human Anatomy & Physiology/Lab	BIO 2203/2201 Human Anatomy & Physiology I/Lab	
		BI 24043/24051 Microbiology/Lab	BIO 2103/2101 Microbiology for Nursing/Lab	
	Physical Science	PS 24023/24031 General Physics I/Lab	PHYS 2054 General Physics I	4
	US History/ Government	HI 23003 U.S. to 1876	HIST 2763 The US to 1876	3
		HI 23013 The U.S. since 1876	HIST 2773 The US since 1876	
		PO 23003 American National Government	POSC 2103 Intro to US Government	
	World History	HI 13003 World Civilization to 1660	HIST 1013 World Civ to 1660	3
		HI 13013 World Civilization since 1660	HIST 1023 World Civ Since 1660	
	Soc. Science	EC 21003 Macroeconomics	ECON 2313 Principles of Macroeconomics	3
		HI 13003 World Civilization to 1660	HIST 1013 World Civ to 1660	3
		HI 13013 World Civilization since 1660	HIST 1023 World Civ Since 1660	
		PY 23003 General Psychology	PSY 2013 Introduction to Psychology	
		SO 23013 Introduction to Sociology	SOC 2213 Intro to Sociology	
		HI 23003 U.S. to 1876	HIST 2763 The US to 1876	
		HI 23013 The U.S. since 1876	HIST 2773 The US since 1876	
		PO 23003 American National Government	POSC 2103 Intro to US Government	
	Literature	EN 22003 World Literature I	ENG 2003 World Lit to 1660	3
		EN 22013 World Literature II	ENG 2013 World Lit since 1660	
		PH 22003 Introduction to Philosophy	PHIL 1103 Introduction to Philosophy	
	Fine Arts	TH 22013 Fine Arts Theatre	THEA 2503 Fine Arts Theatre	3
		MU 22003 Music Appreciation	MUS 2503 Fine Arts Music	
		AR 22003 Art Appreciation	ART 2503 Fine Arts Visual	
	Institutional Requirement	PE 17112 Fitness for Life	PE 1002 Concepts of Fitness	2
		PY 13002 Academic & Career Enrichment	Elective	2
	Electives	MA 24073 Business Calculus	MATH 2143 Business Calculus	4
		MA 24015 Calculus I	MATH 2204 Calculus I	
		Electives	Electives	14
A-State	Major Requirements		CS 1114, Concepts of Programming	4
			CS 2114, Structured Programming	4
			CS 2124, OOP and Fundamental Data Structures	4
			CS 3113, Algorithms and Advanced Data Structures	3
			CS 3233, Operating Systems	3
			CS 4113, Software Engineering	3
			CS 4143, Java and Application Development	3
			CS 4313, Computer Networks	3
			CS 4543, Database Systems	3
			ENG 3043, Technical Writing	3
			MATH 2183, Discrete Structures	3
			PHIL 3723, Computers, Ethics, and Society	3
			STAT 3233 Applied Statistics I	3
	Computer Science Electives*		Computer Science Electives	12
	Business Track		General Business Track	12-15
			Electronic Commerce Track	
			Information Technology Track	

*Must include 6-9 Upper-Level hours and cannot use CS 1013

Last Modified: 10/9/18