

COMPUTER PROGRAMMING (AAS)					
	Intellectual Competencies*	Semester 1	Semester 2	Semester 3	Semester 4
1	READING the ability to analyze and interpret a variety of printed materials - books, documents, and articles	ENGL 1301, MATH 1324, Social & Behavioral Sciences Elective	ENGL 2311 <i>Math Elective</i>		<i>Humanities Elective</i>
2	WRITING the ability to produce clear, correct and coherent prose adapted to purpose, occasion and audience	<i>ENGL 1301, Social & Behavioral Sciences Elective</i>	ENGL 2311		Humanities Elective
3	SPEAKING ability to communicate orally in clear, coherent, and persuasive language appropriate to purpose, occasion, and audience	<i>ENGL 1301, Social & Behavioral Sciences Elective</i>	ENGL 2311	Oral Communications Elective	<i>Humanities Elective</i>
4	LISTENING analyze and interpret various forms of spoken communication, possess sufficient literacy skills of writing, reading	<i>ENGL 1301, Social & Behavioral Sciences Elective</i>	ENGL 2311	Oral Communications Elective	<i>Humanities Elective</i>
5	CRITICAL THINKING Ability to apply both qualitative and quantitative skills analytically and creatively to subject matter to evaluate arguments and construct alternative strategies.	ENGL 1301, MATH 1324, Social & Behavioral Sciences Elective	ENGL 2311 Math Elective	Oral Communications Elective	<i>Humanities Elective</i>
6	COMPUTER LITERACY understand our technological society, use computer based technology in communication, solving problems, acquiring information	<i>ENGL 1301, Social & Behavioral Sciences Elective</i>	<i>Math Elective</i>	Oral Communications Elective	<i>Humanities Elective</i>
	Non-Core courses	COSC 1300	ITSE 1330	ACCT 2301	COSC 2425
	Non-Core courses	COSC 1315	ITSE 2309	ITSC 1307	ITSE 1450
	Non-Core courses	ITNW 1325	COSC 1320 or ITSE 2321	ITSC 1425	ITSC 2364 or Programming Elective II
	Non-Core courses		Computer Information Systems Elective	Programming Elective I or II	
	*All competencies are expected to be performed above the 12th grade level				
	Bold = competency addressed by this course				
	<i>Italics (orange) = <25% likelihood of being addressed by this course</i>		<i>Italics (blue) = 51 - 75% likelihood of being addressed by this course</i>		
	<i>Italics (red) = 25 - 50% likelihood of being addressed by this course</i>		<i>Italics (green) = >75% likelihood of being addressed by this course</i>		