

<b>COMPUTER PROGRAMMING — Web Programming Specialization (AAS)</b>					
	<b>Intellectual Competencies*</b>	<b>Semester 1</b>	<b>Semester 2</b>	<b>Semester 3</b>	<b>Semester 4</b>
1	<b>READING</b> the ability to analyze and interpret a variety of printed materials - books, documents, and articles	<b>MATH 1314</b> or <b>MATH 1324</b>	<b>ENGL 1301</b>		<b>Social &amp; Behavioral Sciences Elective,</b> <i>Humanities Elective</i>
2	<b>WRITING</b> the ability to produce clear, correct and coherent prose adapted to purpose, occasion and audience		<b>ENGL 1301</b>		<b>Humanities Elective,</b> <i>Social &amp; Behavioral Sciences Elective</i>
3	<b>SPEAKING</b> ability to communicate orally in clear, coherent, and persuasive language appropriate to purpose, occasion, and audience		<b>ENGL 1301</b>	<b>Oral Communications Elective</b>	<i>Humanities Elective,</i> <i>Social &amp; Behavioral Sciences Elective</i>
4	<b>LISTENING</b> analyze and interpret various forms of spoken communication, possess sufficient literacy skills of writing, reading		<b>ENGL 1301</b>	<b>Oral Communications Elective</b>	<i>Humanities Elective,</i> <i>Social &amp; Behavioral Sciences Elective</i>
5	<b>CRITICAL THINKING</b> Ability to apply both qualitative and quantitative skills analytically and creatively to subject matter to evaluate arguments and construct alternative strategies.	<b>MATH 1314</b> or <b>MATH 1324</b>	<b>ENGL 1301</b>	<b>Oral Communications Elective</b>	<b>Social &amp; Behavioral Sciences Elective,</b> <i>Humanities Elective</i>
6	<b>COMPUTER LITERACY</b> understand our technological society, use computer based technology in communication, solving problems, acquiring information		<b>ENGL 1301</b>	<b>Oral Communications Elective</b>	<i>Social &amp; Behavioral Sciences Elective,</i> <i>Humanities Elective</i>
	<b>Non-Core courses</b>	COSC 1300	ARTC 1402	ITNW 1325	ITSE 1450
	<b>Non-Core courses</b>	ITNW 1337	ITSE 1411	ITSE 1356	ITSC 2364 or Advanced Computer Studies Elective
	<b>Non-Core courses</b>	ITSE 1401	ITSY 1300	ITSE 2402	Restricted Elective
	<b>Non-Core courses</b>	ITSE 1331 or COSC 1315	Restricted Elective	Restricted Elective	
	*All competencies are expected to be performed above the 12th grade level				
	<b>Bold = competency addressed by this course</b>				
	<i>Italics (orange) = &lt;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) = &gt;75% likelihood of being addressed by this course</i>		