

LOCAL AREA NETWORK SYSTEMS — SECURITY					
Intellectual Competencies*	Semester 1	Semester 2	Semester 3	Semester 4	Semester 5
1 <b>READING</b> the ability to analyze and interpret a variety of printed materials - books, documents, and articles	<b>ENGL 1301, MATH 1314 or MATH 1324</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>			<i>Social &amp; Behavioral Sciences Elective</i>	<b>Humanities Elective</b>
3 <b>SPEAKING</b> ability to communicate orally in clear, coherent, and persuasive language appropriate to purpose, occasion, and audience	<b>ENGL 1301</b>			<i>Social &amp; Behavioral Sciences Elective</i>	<b>Oral Communications, Humanities Elective</b>
4 <b>LISTENING</b> analyze and interpret various forms of spoken communication, possess sufficient literacy skills of writing, reading	<b>ENGL 1301</b>			<i>Social &amp; Behavioral Sciences Elective</i>	<b>Oral Communications, Humanities Elective</b>
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>ENGL 1301, MATH 1314 or MATH 1324</b>			<b>Social &amp; Behavioral Sciences Elective</b>	<b>Oral Communications, Humanities Elective</b>
6 <b>COMPUTER LITERACY</b> understand our technological society, use computer based technology in communication, solving problems, acquiring information	<b>ENGL 1301</b>			<i>Social &amp; Behavioral Sciences Elective</i>	<b>Oral Communications, Humanities Elective</b>
<b>Non-Core courses</b>	COSC 1300	ITNW 1351	ITSC 1425	ITNW 2312	ITSY 2343
<b>Non-Core courses</b>	ITNW 1325	ITNW 2321	COSC 1315 or ITSE 1331 or ITSE 1411	ITSC 1307	ITSY 2359
<b>Non-Core courses</b>	ITSY 1300	ITMT 1340		ITSY 2330	ITSC 2364 or Advanced Computer Studies Elective
<b>Non-Core courses</b>		ITSY 2300		ITSY 2342	
<b>Non-Core courses</b>		ITSY 2301			
*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>			