

LOCAL AREA NETWORK SYSTEMS — NETWORK ADMINISTRATION SPECIALIZATION (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 1314 or MATH 1324		ENGL 2311	Social & Behavioral Sciences Elective, <i>Humanities Elective</i>
2	WRITING the ability to produce clear, correct and coherent prose adapted to purpose, occasion and audience	ENGL 1301		ENGL 2311	Humanities Elective, <i>Social & Behavioral Sciences Elective</i>
3	SPEAKING ability to communicate orally in clear, coherent, and persuasive language appropriate to purpose, occasion, and audience	ENGL 1301	Oral Communications	ENGL 2311	<i>Humanities Elective, Social & Behavioral Sciences Elective</i>
4	LISTENING analyze and interpret various forms of spoken communication, possess sufficient literacy skills of writing, reading	ENGL 1301	Oral Communications	ENGL 2311	<i>Humanities Elective, Social & Behavioral Sciences 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 1314 or MATH 1324	Oral Communications, Computer Elective	ENGL 2311	Social & Behavioral Sciences Elective, <i>Humanities Elective</i>
6	COMPUTER LITERACY understand our technological society, use computer based technology in communication, solving problems, acquiring information	ENGL 1301	Computer Elective	ENGL 2311	<i>Social & Behavioral Sciences Elective, Humanities Elective</i>
	Non-Core courses	COSC 1300	ITNW 1351	ITMT 1340	ITSC 2337
	Non-Core courses	ITNW 1325	ITNW 2321	ITNW 2405	ITSE 1450
	Non-Core courses	ITSE 1331 or ITSE 1411	ITSC 1425	ITSC 1307	ITSC 2364 or Computer Elective
	Non-Core courses	COSC 1315	ITSY 1300	ITNW 2312	
	Non-Core courses		Computer Elective		
	*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>		