

NETWORKING/COMPUTER ELECTRONICS (AAS)					
Intellectual Competencies*	Semester 1	Semester 2	Semester 3	Semester 4	Semester 5
1 READING the ability to analyze and interpret a variety of printed materials - books, documents, and articles	ENGL 1301, MATH 1314		<i>Humanities Elective</i>		PHYS 1401, Social & Behavioral Sciences Elective
2 WRITING the ability to produce clear, correct and coherent prose adapted to purpose, occasion and audience	ENGL 1301		Humanities Elective		PHYS 1401, <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 Elective	<i>Humanities Elective</i>		<i>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 Elective	<i>Humanities Elective</i>		PHYS 1401, <i>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	Oral Communications Elective	<i>Humanities Elective</i>		PHYS 1401, Social & Behavioral Sciences Elective
6 COMPUTER LITERACY understand our technological society, use computer based technology in communication, solving problems, acquiring information	ENGL 1301	Oral Communications Elective	<i>Humanities Elective</i>		PHYS 1401, <i>Social & Behavioral Sciences Elective</i>
Non-Core courses	CETT 1403	CETT 1405	CETT 1429	ELMT 2441	CETT 1457
Non-Core courses	CPMT 1445	CETT 1425	CETT 1445	INTC 2471	ITNW 2405
Non-Core courses		COSC 1315	ITNW 1325	ITMT 1340	
Non-Core courses				ITNW 2321	
*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>			