

ENGINEERING TECHNOLOGY SPECIALIZATION (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 PHIL 1301	ENG 1302 <i>Humanities Elective</i>	PHYS 2425 GOVT 2305	CHEM 1111, CHEM 1311, PHYS 2426	GOVT 2306, Social & Behavioral Sciences Elective
2	WRITING the ability to produce clear, correct and coherent prose adapted to purpose, occasion and audience	ENGL 1301 PHIL 1301	ENG 1302 Humanities Elective	PHYS 2425 GOVT 2305	CHEM 1111, CHEM 1311, PHYS 2426	GOVT 2306, <i>Social & Behavioral</i> <i>Sciences Elective</i>
3	SPEAKING ability to communicate orally in clear, coherent, and persuasive language appropriate to purpose, occasion, and audience	ENGL 1301 PHIL 1301	ENG 1302 <i>Humanities Elective</i>	SPCH 1311		GOVT 2306, <i>Social & Behavioral</i> <i>Sciences Elective</i>
4	LISTENING analyze and interpret various forms of spoken communication, possess sufficient literacy skills of writing, reading	ENGL 1301 PHIL 1301	ENG 1302 <i>Humanities Elective</i>	PHYS 2425, SPCH 1311 GOVT 2305	CHEM 1111, CHEM 1311, PHYS 2426	GOVT 2306, <i>Social & Behavioral</i> <i>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, PHIL 1301 MATH 2413	ENG 1302, MATH 2414, <i>Humanities Elective</i>	PHYS 2425, SPCH 1311 GOVT 2305	CHEM 1111, CHEM 1311, PHYS 2426	GOVT 2306, Social & Behavioral Sciences Elective
6	COMPUTER LITERACY understand our technological society, use computer based technology in communication, solving problems, acquiring information	ENGL 1301	ENG 1302, <i>Humanities Elective</i>	PHYS 2425, SPCH 1311	PHYS 2426	<i>Social & Behavioral</i> <i>Sciences Elective</i>
	Non-Core courses	CETT 1403	CETT 1405	CETT 1429	ELMT 2441	ELMT 2473
	Non-Core courses		COSC 1315			DFTG 1405
	Non-Core courses		CETT 1425			
	*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>			