

ENVIRONMENTAL TECHNOLOGY (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, ENVR 1301, CHEM 1111, CHEM 1311, MATH 1314	ENGL 2311, CHEM 1112, CHEM 1312, GEOL 1403	PHIL 2303 or PHIL 2306	GOVT 2306, CHEM 2323, CHEM 2123	
2	WRITING the ability to produce clear, correct and coherent prose adapted to purpose, occasion and audience	ENGL 1301, CHEM 1111, CHEM 1311	ENGL 2311, CHEM 1112, CHEM 1312	PHIL 2303 or PHIL 2306	GOVT 2306, CHEM 2323, CHEM 2123 <i>Restricted Elective</i>	
3	SPEAKING ability to communicate orally in clear, coherent, and persuasive language appropriate to purpose, occasion, and audience	ENGL 1301	ENGL 2311	SPCH 1318	CHEM 2323, CHEM 2123 <i>Restricted Elective</i>	
4	LISTENING analyze and interpret various forms of spoken communication, possess sufficient literacy skills of writing, reading	ENGL 1301, ENVR 1301	ENGL 2311, GEOL 1403	SPCH 1318, PHIL 2303 or PHIL 2306	CHEM 2323, CHEM 2123 <i>Restricted 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, ENVR 1301, CHEM 1111, CHEM 1311, MATH 1314	ENGL 2311, CHEM 1112, CHEM 1312, GEOL 1403, MATH 1342	SPCH 1318, PHIL 2303 or PHIL 2306	GOVT 2306, CHEM 2323, CHEM 2123 <i>Restricted Elective</i>	
6	COMPUTER LITERACY understand our technological society, use computer based technology in communication, solving problems, acquiring information	ENGL 1301, CHEM 1111, CHEM 1311	ENGL 2311, CHEM 1112, CHEM 1312, MATH 1342	SPCH 1318	CHEM 2323, CHEM 2123 <i>Restricted Elective</i>	
	Non-Core courses	COSC 1301	BIOL 2406		EPCT 1444	EPCT 1205
	Non-Core courses					EPCT 2303
	Non-Core courses					EPCT 2488
	*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>			