

Heating, Air Conditioning, and Refrigeration Technology (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, Social & Behavioral Sciences Elective, MATH 1314		<i>Humanities Elective</i>	
2 WRITING the ability to produce clear, correct and coherent prose adapted to purpose, occasion and audience	ENGL 1301, <i>Social & Behavioral Sciences Elective</i>		Humanities Elective	
3 SPEAKING ability to communicate orally in clear, coherent, and persuasive language appropriate to purpose, occasion, and audience	ENGL 1301, <i>Social & Behavioral Sciences Elective</i>		SPCH 1311, <i>Humanities Elective</i>	
4 LISTENING analyze and interpret various forms of spoken communication, possess sufficient literacy skills of writing, reading	ENGL 1301, <i>Social & Behavioral Sciences Elective</i>		SPCH 1311, <i>Humanities 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, Social & Behavioral Sciences Elective, MATH 1314		SPCH 1311, <i>Humanities Elective</i>	
6 COMPUTER LITERACY understand our technological society, use computer based technology in communication, solving problems, acquiring information	ENGL 1301, <i>Social & Behavioral Sciences Elective, MATH 1314</i>		SPCH 1311, <i>Humanities Elective</i>	
Non-Core courses	HART 1401	HART 1403	HART 2441	HART 1491
Non-Core courses	HART 1407	HART 1441	HART 2442	HART 2443
Non-Core courses		HART 1445	HART 2449	HART 2445
Non-Core courses		HART 2431		HART 2288
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*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>		