

MECHANICAL 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 or ENGL 2311, <i>Humanities Elective</i>		Social & Behavioral Sciences Elective		
2	WRITING the ability to produce clear, correct and coherent prose adapted to purpose, occasion and audience	ENGL 1301 or 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 or ENGL 2311, <i>Humanities Elective</i>	Oral Communications Elective	<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, <i>Humanities Elective</i>	Oral Communications Elective	<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 or ENGL 2311, MATH 1332 OR MATH 1314 <i>Humanities Elective</i>	Oral Communications Elective	Social & Behavioral Sciences Elective		
6	COMPUTER LITERACY understand our technological society, use computer based technology in communication, solving problems, acquiring information	ENGL 1301, <i>Humanities Elective</i>	Oral Communications Elective	<i>Social & Behavioral Sciences Elective</i>		
	Non-Core courses	DFTG 1405	DFTG 1433	DFTG 1495	DFTG 2412	DFTG 1491
	Non-Core courses		DFTG 2419	DFTG 2473	DFTG 2440	DFTG 2402
	Non-Core courses		DFTG 1458	Restricted Elective	Restricted Elective	Restricted 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>			