

Industrial and Systems Engineering* Path to the Plains					
Semester	Grade	Course	Course Description	Credit Hours	Area
1		ENG 101	English Composition I (Minimum grade of C required)	3	I
		CHM 111	College Chemistry I	4	V
		MTH 125	Calculus I **	4	III
		HIS 101	Western Civilization I	3	IV
		ENGR 1100	Engineering Orientation	0	V
		ENGR 1110	Introduction to Engineering	2	V
			Semester Total	16	
2		ENG 102	English Composition II (Minimum grade of C required)	3	I
		Fine Arts	Core Fine Arts course	3	II
		HIS 102	Western Civilization II	3	IV
		MTH 126	Calculus II **	4	V
		COMP 1220	Introduction to Computing with Python	2	V
			Semester Total	15	
3		PHY 213	General Physics I with Calculus (Fall only)	4	III
		MTH 227	Calculus III **	4	V
		MTH 237	Linear Algebra (Fall only)	3	V
		STAT 3600	Probability and Statistics I	3	V
			Semester Total	14	
4		MTH 238	Applied Differential Equations I (Spring only)	3	V
		PHY 214	General Physics II with Calculus (Spring only)	4	V
		INSY 3020	Occupational Safety Ergonomics	3	V
		INSY 3021	Methods Engineering and Work Measurement	3	V
		STAT 3610/3611	Probability and Statistics II & Lab	4	V
			Semester Total	17	
Total credit hours to be taken at Auburn University - 17			TOTAL HOURS	62	

*Reverse transfer is required to receive an Associate in Science degree.

** Course must be completed in this term to meet prerequisite requirements.