

Associate of Science Degree Electrical Engineering Pathway			
Fall/Semester 1	Credit Hours	Prerequisite	NOTES
ENG101 English Composition III	3	Test	Placement Test
MAT221 Calculus I	4	Test	Placement Test or MAT182
AGEC - (ART, HUMANITIES, or S/B) and (IW,CU, or GI/HI)	3	Test	Placement Test/RDG
AGEC - (ART, HUMANITIES, or S/B) and (IW,CU, or GI/HI)	3	Test	Placement Test/RDG
Additional Science or Math: CHM151	4	→	HS CHM or CHM130
Total Semester 1 Credit Hours	17		
Spring/Semester 2			
ENG102 English Composition IV	3	ENG102	
Transferable Elective: MAT 231 Calculus II	4	MAT221	
Additional Science or Math CHM152	4	CHM151	
AGEC - (ART, HUMANITIES, or S/B) and (IW,CU, or GI/HI)	3	Test	Placement Test /RDG
Computer Competency: EGR102 Introduction to Engineering	3	MAT182	Spring Semester Only
Total Semester 2 Credit Hours	17		
Fall/Semester 3			
AGEC - (S/B) - ECN201 or ECN202	3	Test	Placement Test/RDG
Lab Science Sequence: PHY121	4	MAT221	Fall Semester Only
Transferable Elective: EGR120 Digital Design	5	EGR102	Fall Semester Only
Transferable Elective: MAT241 Calculus III	4	MAT231	Fall Semester Only
Total Semester 3 Credit Hours	16		
Spring/Semester 4			
Lab Science Sequence: PHY122	4	PHY121	Spring Semester Only
Transferable Elective: MAT275 Modern Differential Equations	4	MAT231	Spring Semester Only
Transferable Elective:	3		
Transferable Elective: EGR222 Circuits	5	→	Co/Prereq: MAT275,PHY122
Total Semester 4 Credit Hours	16		
Total AS Degree Credit Hours	66		
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