

Associate of Sciences Degree in Science: Engineering – Computer-VT

This is a guide for classes and is not intended to meet admissions criteria, please see an advisor for specifics on transfer

✓	Course	Title	Cr	Offered	Pre-Req	Mode	Other Options	Notes
First Semester								
	SDV 100	College Success Skills	1	F, SP, SU		F, H, O		
	ENG 111	College Composition I	3	F, SP, SU	*	F, H, O		
	MTH 263	Calculus I	4	F, SP	MTH 162	F		
	EGR 126	Computer Programming for Engineers	3	F, SP, SU	*	F		
	CHM 111	College Chemistry I	4	F, SP, SU	*, MTE 1-9	F, H, O		
	EGR 120	Intro to Engineering	2	F		F		Co-Requisite MTH 263
Second Semester								
	ENG 112	College Composition II	3	F, SP, SU	ENG 111	F, H, O		
	MTH 264	Calculus II	4	F, SP	MTH 263	F		
	EGR 123	Intro to Engineering Design	2	F, SP	MTH 263, EGR 120, 126	F		
	MTH 266	Linear Algebra	3	SP	MTH 263			
	PED/HLT	Physical Education/Health	1	F, SP, SU		F, H, O		
Third Semester								
	PHY 241	University Physics I	4	F, SP, SU	*	F, H, O		Co-Requisite MTH 263
		Social Science Elective	3	F, SP, SU	*	F, O, H	PSY 230, SOC 268, ECO 202, HIS 122, PLS 135	
	CST 100	Communication Elective	4	F, SP, SU	*	F, H, O	CST 110, 126	
	EGR 206	Engineering Economics	3	F			EGR 140, 206, 245, 246, 251/255	
	EGR	Engineering Elective	3	F			EGR 140, 206, 245, 246, 251/255	
	MTH 265	Calculus III	4	F, SP	MTH 264			
Fourth Semester								
	PHY 242	University Physics II	4	F, SP, SU	PHY 241	F, H, O		Co-Requisite MTH 264
		Humanities Elective	3	F, SP, SU	*	F, O	PHI 220, HUM 212, ART 101, 102, MUS 121, HUM 211	
		Social Science Elective	3	F, SP, SU	*	F, O, H	PSY 200, SOC 200, ECO 201, HIS 112, GEO 220	
	ENG 241	Literature Elective	3	F, SP, SU	ENG 112	F, O, H	ENG 242, 243, 244, 251, 252	
	EGR 251/ 255	Basic Electrical Circuits I Electric Circuits Lab	4	SP	MTH 264& PHY 241		EGR 140, 206, 245, 246, 251/255, MTH 245, 288	
	MTH 267	Differential Equations	3	F, SP	MTH 264			
		Program Total	65-72					

*Readiness to enroll in ENG 111

Term Offered: F-Fall, SP-Spring, SU-Summer**Mode:** F-Face-to-Face, O-Online, H-Hybrid, D-Distanced to another location