

Science - Specialization in Engineering
Associate of Arts & Sciences Degree

Program Coordinator:

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Program Purpose: Designed for the first two years of a degree in engineering transferable to any four-year college or university in the United States. Students who are planning to transfer are urged to acquaint themselves with the requirements of the major department in the college or university to which transfer is contemplated and to consult with their VHCC advisor in planning their program.

First Semester (Fall)		
ENG 111	College Composition I	3
HIS 111	History of World Civilization I	3
MTH 263	Calculus I	4
CHM 111	College Chemistry I	4
SDV 101	Orientation to College Success	1
MTH 266	Introductory Linear Algebra	3
Total Credits		18
Second Semester (Spring)		
ENG 112	College Composition II	3
MTH 264	Calculus II	4
EGR 140	Engineering Mechanics- Statics	3
HIS 112	History of World Civilization II	3
CST 100	Principles of Public Speaking	3
Total Credits		16
Third Semester (Fall)		
PHY 241	University Physics I	4
EGR 245	Engineering Mechanics-Dynamics	3
ITP	Computer Programming	4
MTH 265	Calculus III	4
PSY 200	Principles of Psychology	3
Total Credits		18
Fourth Semester (Spring)		
ENG 242	American Literature	3
MUS 121	Music Appreciation I	3
MTH 267	Differential Equations	3
EGR 246	Mechanics of Materials	3
EGR 295	Experiences in Engineering	1
PHY 242	University Physics II	4
Total Credits		17

Total minimum credits for AA&S Degree

69