

GENERAL EDUCATION (37 hrs)		credits	COMMENTS
WRIT 101	Writing I	3	
WRIT 102	Writing II	3	
CHEM 105	General Chemistry I	3	
CHEM 115	General Chemistry Laboratory I	1	
CHEM 106	General Chemistry II	3	
CHEM 116	General Chemistry Laboratory II	1	
PHYS 211	Physics for Science & Engineering I	3	
PHYS 221	Lab Physics for Science & Engineering I	1	
PHYS 212	Physics for Science & Engineering II	3	
PHYS 222	Physics for Science & Engineering II	1	
MATH 261	Unified Calculus & Analytic Geometry I	3	
MATH 262	Unified Calculus & Analytic Geometry II	3	
MATH 263	Unified Calculus & Analytic Geometry III	3	
MATH 264	Unified Calculus & Analytic Geometry IV	3	
MATH 353	Elementary Differential Equations	3	
		37	

ENGINEERING CORE COURSES (24 hrs)		
CSCI 251	Programming for Engineering and Sciences	3
MANF 250	Graphics and Solid Modeling	1
ENGR 309	Statics	3
ENGR 310	Engineering Analysis I	3
ENGR 313	Introduction to Materials Science	3
ENGR 321	Thermodynamics	3
ENGR 330	Engineering Systems Analysis and Design	3
ENGR 362	Introductory Electric Circuit Theory	3
ENGR 363	Introductory Electric Circuit Laboratory	1
ENGR 400	Leadership and Professionalism in Engineering	1
		24

ENGINEERING ELECTIVES (9 hrs)		
		3
2XX		3
3XX		3
		9

AEROSPACE STUDIES EMPHASIS COURSES (33 hrs)		
AS 101	Foundations of The U.S. Air Force I	1
AS 102	Foundations of The U.S. Air Force II	1
AS 111	Leadership Laboratory I	1
AS 112	Leadership Laboratory II	1
AS 201	The Evolution of U.S. Air Space Power I	1
AS 202	The Evolution of U.S. Air Space Power II	1
AS 211	Leadership Laboratory I	1
AS 212	Leadership Laboratory II	1
AS 301	Air Force Leadership Studies I	3
AS 302	Air Force Leadership Studies II	3
AS 311	Air Force Leadership & Management Lab I	1
AS 312	Air Force Leadership & Management Lab II	1
AS 401	Defense Studies I	3
AS 402	Defense Studies II	3
AS 411	Defense Studies Laboratory I	1
AS 412	Defense Studies Laboratory II	1
XXX		9
		33

SS/H/FA COURSES (24 hrs)		
Soc Science		3
Soc Science		3
Humanities		3
Fine Arts		3
Hum/FA		3
SS/H/FA		3
SS/H/FA/Gen Ed		3
SS/H/FA/Gen Ed		3
		24

TOTAL HOURS = 127