

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	

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ENGINEERING CORE COURSES (24 hrs)		
CSCI 251	Programming for Engineering and Sciences	3
ENGR 207	Engineering Graphics	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

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

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NAVAL SCIENCE EMPHASIS COURSES (must fulfill at least 33 hrs)		
NSC 111	Intro to Naval Science	2
NSC 112	Seapower & Maritime Affairs	2
NSC 115	Leadership Laboratory I	1
NSC 116	Leadership Laboratory II	1
NSC 211	Naval Leadership & Management I	2
NSC 212	Navigation	3
NSC 213	Navigation Laboratory	1
NSC 215	Leadership Laboratory III	1
NSC 216	Leadership Laboratory IV	1
NSC 310	Evolution of Warfare	3
NSC 312	Naval Ships Systems	3
NSC 313	Naval Weapons Systems	3
NSC 315	Leadership Laboratory V (Marine Option)	1
NSC 316	Leadership Laboratory VI (Marnine Option)	1
NSC 317	Leadership Laboratory V (Navy Option)	1
NSC 318	Leadership Laboratory VI (Navy Option)	1
NSC 320	Marine Corps Company-Grade Officer	3
NSC 410	Amphibious Warfare	3
NSC 412	Naval Leadership & Management II	2
NSC 413	Naval Operations and Seamanship	3
NSC 415	Leadership Laboratory VII	1
NSC 416	Leadership Laboratory VIII	1
NSC 417	Leadership Laboratory IX	1
NSC 418	Leadership Laboratory X	1

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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

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TOTAL HOURS= 127