

DEGREE REQUIREMENTS

Refer to the catalog for specific degree requirements and overview of the industry.

GENERAL EDUCATION COURSES (50 – 53 CREDIT HOURS)

I. MATH (14 credit Hours)		
Course Description	Course Credit	Semester & Grade
MAT 201	5	
MAT 202	5	
MAT 203	4	
II. SCIENCES (15 credit hours)		
Course Description	Course Credit	Semester & Grade
CHE 111	5	
PHY 211	5	
PHY 212	5	
III. COMMUNICATIONS (9 credit hours)		
Course Description	Course Credit	Semester & Grade
ENG 121	3	
ENG 122	3	
COM 115	3	
IV. HUMANITIES AND SOCIAL SCIENCES (12 – 15 credit hours) (Depending on program option selected (see reverse side), either 12 or 15 credits are required)		
Course Description	Course Credit	Semester & Grade
6 credit hours from same area: ECO 201, ECO 202, POS 105, POS 111, SOC 101, SOC 102	3	
	3	
3 credit hours from: ANT 101, ANT 111, PSY 101	3	
6 credit hours from same area: HIS 101, HIS 102, LIT 201, LIT 202, PHI 111, PHI 112	3	
	3	

PROGRAM CONCENTRATIONS (12 – 15 CREDIT HOURS)

A. CIVIL ENGINEERING (12 credit Hours)		
Course Description	Course Credit	Semester & Grade
EGG 101	3	
EGG 211	3	
EGG 212	3	
RESTRICTED MAT OR EGG ELECTIVE: CSC 160, MAT 255, MAT 260, MAT 280	3	
B. COMPUTER SCIENCE IN ENGINEERING (15 credit Hours)		
Course Description	Course Credit	Semester & Grade
EGG 105	3	
CSC 160	3	
CSC 161	3	
RESTRICTED MAT OR EGG ELECTIVE: CSC 225, MAT 255, MAT 260, MAT 280	3	
C. ELECTRICAL ENGINEERING (15 credit Hours)		
Course Description	Course Credit	Semester & Grade
EGG 105	3	
EGG 221	3	
EGG 222	3	
RESTRICTED MAT OR EGG ELECTIVE: CSC 160, CSC 233, CSC 255, MAT 255, MAT 260	3	
D. MECHANICAL ENGINEERING (12 credit Hours)		
Course Description	Course Credit	Semester & Grade
EGG 101	3	
EGG 211	3	
EGG 212	3	
RESTRICTED MAT OR EGG ELECTIVE: CSC 160, MAT 255, MAT 260	3	

Total A. G. S. degree with Engineering Emphasis: 62 - 68 credit hours
IMPORTANT PROGRAM INFORMATION:

 Please see your Department Chair for any questions concerning this program: Doug Mugge at (303) 797-5863 or doug.mugge@arapahoe.edu.
 If your department chair is unavailable, please see the Advising Office at 303.797.5664 or advising@arapahoe.edu.

GRADUATION INFORMATION:

- No catalog more than six years old may be used for graduation requirements; the 2008/2009 catalog, and this degree sheet, may not be used beyond the Spring 2013 semester for graduation.
- You must apply for graduation; obtain the application online at www.arapahoe.edu (Student Services) and apply by: April 1 (summer graduation), July 1 (fall graduation) and November 1 (spring graduation).

Last Updated 05.27.2008