

Engineering Fundamentals Program

First-Year for Aerospace Engineering

Year One

Requirements	Credits
CHEM 110 - General Chemistry I	3
CHEM 110L - General Chemistry I Laboratory	1
COMM 122 - English Composition	3
ENGR 101 - Introduction to Engineering	2
ENGR 115 - Introduction to Computing for Engineers	3
ENGR 120 - Graphical Communications	3
MATH 241 - Calculus and Analytical Geometry I	4
MATH 242 - Calculus and Analytical Geometry II	4
PHYS 150 - Physics with Calculus I	3
UNIV 101 - College Success	1
Humanities - Lower Level*	3
Social Sciences - Lower Level*	3
Semester Hours	33

Total Credits

Total Hours for All Requirements: 33

* General Education Courses For Engineers

Lower Level Humanities and Social Sciences courses may be chosen from those listed in the General Education Program Courses section (<https://catalog.erau.edu/general-education/>), assuming prerequisite and other listed requirements are met. Courses that students have taken at other institutions may be acceptable if they fall into these categories and are at the level specified in the particular engineering program.