



Complete ASES degree at a Community College

Freshman Year

Fall Semester

Course	Title	SCH
ENGL 1301	Grammar & Composition I	3
HIST 1301	United States History I	3
MATH 2413	Calculus I	4
CHEM 1311	General Chemistry I	3
CHEM 1111	General Chemistry I Lab	1
ENGR 1201	Introduction to Engineering	2

Semester Credit Hours 16

Spring Semester

Course	Title	SCH
GOVT 2306	Introductory Texas Politics	3
PHYS 2325	University Physics I	3
PHYS 2125	University Physics I Lab	1
MATH 2414	Calculus II	4
ENGR 1204	Engineering Graphics	2
ENGL 1302	Grammar and Composition II	3

Semester Credit Hours 16

Sophomore Year

Fall Semester

Course	Title	SCH
PHYS 2326	University Physics II	3
PHYS 2126	University Physics II Lab	1
ENGR 2304	Programming for Engineers	3
MATH 2415	Calculus III (Multivariate)	4
ENGR 2301	Engineering Mechanics-Statics	3
ECON 230X	Macro or Micro Economics	3

Semester Credit Hours 17

Spring Semester

Course	Title	SCH
ENGR 2305	Circuit Analysis I	3
ENGR 2105	Circuit Analysis I Lab	1
MATH 2320	Differential Equations	3
	Engineering Elective	3
	Visual and Performing Arts Core Curriculum	3
ENGL 2xxx	World or European Literature	3

Semester Credit Hours 16

Total Credit Hours at a Community College 65