

ENGINEERING

Associate of Science - Engineering Full-Time Student Schedule

Course	Title	Semester Credit Hours
Semester #1		
ENGL 1301	Composition I	3
CHEM 1411	General Chemistry I	4
MATH 2413	Calculus I	4
PSYC 1300 or EDUC 1300	Psychology for Success or Psychology for Success	3
ENGR 1201	Introduction to Engineering	2
Semester Credit Hours		16
Semester #2		
ENGR 1304	Engineering Graphics I	3
PHED 1164	Introduction to Physical Fitness and Wellness	1
PHYS 2425	University Physics I	4
MATH 2414	Calculus II	4
ENGL 1302	Composition II	3
Semester Credit Hours		15
Semester #3		
PHYS 2426	University Physics II	4
MATH 2415	Calculus III	4
ENGR 2301	Engineering Mechanics - Statics	3
ENGR 2304	Programming for Engineers	3
Semester Credit Hours		14
Semester #4		
MATH 2318 or HIST 1301	Linear Algebra ¹ or U S History I	3
MATH 2320	Differential Equations	3
ENGR 2305 or GOVT 2305	Electrical Circuits I ² or Federal Government Constitution & Topics	3
ENGR 2302	Engineering Mechanics - Dynamics	3
SPCH 1315 or SPCH 1318	Public Speaking or Interpersonal Communication	3
Semester Credit Hours		15
Total Semester Credit Hours		60

¹ Students should check with an advisor to ensure transferability of Linear Algebra to their receiving institution and program. For cases in which transferability of Linear Algebra cannot be established, students should take US History I.

² Students should check with an advisor to ensure transferability of the coursework at the receiving institution and program. In general, students pursuing transfer to a Mechanical Engineering program should enroll in Electrical Circuits I, while students pursuing transfer to a Civil Engineering program should enroll in Federal Government.