



Engineering (ENGF4) 140101
Associate of Science Degree

First Year

First Semester			Credit
CORE REQ	ENGL 1301	Composition I	3
CORE REQ	HIST 1301	United States History I	3
CORE REQ		SPCH 1315, 1318, or 1321	3
CORE REQ		Creative Arts Selection	3
CORE REQ	MATH 2413	Calculus I	4

Second Semester

CORE REQ	HIST 1302	United States History II	3
CORE ELEC	CHEM 1411	General Chemistry I	4
DEGR REQ	ENGR 1201	Introduction to Engineering	2
CORE REQ	GOVT 2305	Federal Government	3

Third Semester

DEGR REQ	MATH 2414	Calculus II	4
CORE REQ		Component Area Option	3

Second Year

First Semester

CORE ELEC	PHYS 2426	University Physics II	4
DEGR REQ	ENGR 2301	Engineering Mechanics I – Statics	3
DEGR REQ	ENGR 2305	Electrical Circuits I	3

Second Semester

CORE REQ	GOVT 2306	Texas Government	3
DEGR REQ	ENGR 2332	Mechanics of Materials	3
CORE REQ		Language/Philosophy/Culture Studies	3
DEGR REQ	ENGR 2302	Engineering Mechanics II – Dynamics	3
CORE REQ		Social/Behavioral Science Selection	3

Total Hours

60

Notes:

In cases where freshman and/or sophomore degree requirements of the receiving college for a bachelor's degree differ from those listed above, changes can be made in the Associate in Art/Science degree requirements when approved by the appropriate department chair.

*Students not prepared to take MATH 2413, Calculus I may be required to take MATH 2412, Pre-Calculus.

**Students not prepared to take PHYS 2426, University Physics II may be required to take PHYS 2425, University Physics I.

Students are encouraged to complete the three course calculus series (MATH 2413, MATH 2414, and MATH 2415) with Central Texas College prior to transferring to a four year institution.