



**Engineering (ENGF4) 140101**  
**Associate of Science Degree**

**First Year**

<b>First Semester</b>			<b>Credit</b>
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
DEGR REQ	ENGR 1201	Introduction to Engineering	2

**Second Semester**

CORE REQ	HIST 1302	United States History II	3
CORE ELEC		Science Selection	4
CORE REQ	MATH 2413	Calculus I*	4
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		Science Selection	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 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.