



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

**First Year**

<b>First Semester</b>				<b>Credit</b>
CORE	ENGL	1301	Composition I	3
CORE	HIST	1301	United States History I	3
CORE			SPCH 1315, 1318, or 1321	3
CORE			Creative Arts	3
DEGR	ENGR	1201	Introduction to Engineering	2

**Second Semester**

CORE	HIST	1302	United States History II	3
CORE/FOS	ELEC		Life and Physical Science Selection (PHYS 2425 recommended)	4
CORE/FOS	MATH	2413	Calculus I*	4
CORE	GOVT	2305	Federal Government	3

**Third Semester**

DEGR/FOS	MATH	2414	Calculus II	4
CORE			Component Area Option	3

**Second Year**

**First Semester**

CORE/FOS	ELEC		Life and Physical Science Selection (PHYS 2426 recommended)	4
DEGR/FOS	ENGR	2301	Engineering Mechanics I – Statics	3
DEGR			ENGR 2305 or ENGR 1304	3

**Second Semester**

CORE	GOVT	2306	Texas Government	3
DEGR/FOS	ENGR	2332	Mechanics of Materials	3
CORE			Language/Philosophy/Culture	3
DEGR/FOS	ENGR	2302	Engineering Mechanics II – Dynamics	3
CORE			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.

<http://www.theccb.state.tx.us/institutional-resources-programs/public-universities-health-related-institutions/transfer-resources/field-of-study-curricula/>.