



AS in Engineering to  
Bachelor of Fine Arts in Arts  
With a Teacher Certification Concentration<sup>T</sup>  
**Guided Pathway**  
Effective for the 2021-2022 Catalog  
**First Year – Central Texas College**



FIRST SEMESTER	SECOND SEMESTER	THIRD SEMESTER
◌ ENGL 1301 Composition I	◌ HIST 1302 United States History II	MATH 2414 Calculus I
◌ HIST 1301 United States History I	◌ Life and Physical Science Selection (PHYS 2425 recommended) (030)	◌ Component Area Option (090)
◌ SPCH 1315, 1318 OR 1321 (010)	MATH 2413 Calculus I (020)	
◌ Creative Arts (050)	◌ GOVT 2305 Federal Government	
ENGR 1201 Intro to Engineering		
Total Semester Hours: 14	Total Semester Hours: 14	Total Semester Hours: 7

**Second Year – Central Texas College**

It's best to apply to Tarleton State University a full semester before you plan to transfer.

FIRST SEMESTER	SECOND SEMESTER
◌ Life and Physical Science Selection (PHYS 2426 recommended) (030)	◌ Social and Behavioral Sciences Selection
ENGR 2301 Engineering Mechanics I - Statics	◌ GOVT 2306 Texas Government
ENGR 2305 or ENGR 1304	ENGR 2332 Mechanics of Materials
	◌ Language/Philosophy/Culture (040)
	ENGR 2302 Engineering Mechanics II - Dynamics
Total Semester Hours: 13	Total Semester Hours: 15

**AS: Engineering**

You will need to apply for the associate's degree at your community college. Contact your advisor there for more information.

These courses may be completed at CTC (if offered) or TSU	
GOL 1403 Physical Geology OR BIOL 1406 Biology for Science Majors	MATH 2415 Calculus III
CHEM 1409 College Chemistry for Engineers	MATH 2320 Differential Equations
ENGL 1302 Composition II	
Total Semester Hours: 11	Total Semester Hours: 7

**Third Year – Tarleton State University**

FIRST SEMESTER	SECOND SEMESTER
Tarleton Course	Tarleton Course
Tarleton Course	Tarleton Course
Tarleton Course	Tarleton Course
Tarleton Course	Tarleton Course
Total Semester Hours: 12	Total Semester Hours: 12

**Fourth Year – Tarleton State University**

FIRST SEMESTER	SECOND SEMESTER
Tarleton Course	Tarleton Course
Tarleton Course	Tarleton Course
Tarleton Course	Tarleton Course
Tarleton Course	Tarleton Course
Total Semester Hours: 12	Total Semester Hours: 12

Total Degree Hours: 120

**This is not an official degree plan. Check with an advisor; degree plans may change in later catalogs.**

Part-time students may also follow this sequence. Developmental coursework may be required.

\* You may take a different course to meet this requirement. A specific list is available from your advisor.

◌ This course counts for the Core Curriculum at any public college or university in Texas.

() Course numbers shown in parentheses are equivalent to these courses at Tarleton State University.

<sup>T</sup> Degree availability varies by campus; consult [www.tarleton.edu](http://www.tarleton.edu) for more information.