

Tarleton State University - McLennan Community College  
Engineering Course Correlation

Tarleton State University	McLennan Community College	MCC Course Title	Civil Engineering	Electrical Engineering	Environmental Engineering	ENPH-Mechanical Emph.
<b>STEM Courses</b>						
CHEM 1411	CHEM 1411	General Chemistry I	√	√	√	√
CHEM 1412	CHEM 1412	General Chemistry II	√	√	√	√
CHEM 3305	CHEM 2423	Organic Chemistry I			√	
COSC 1310	COSC 1320	C Programming		√		
ENGR 1211	ENGR 1201	Intro to Engineering	√	√	√	√
MEEN 1210	ENGR 1304	Engineering Graphics I				√
CVEN 2200	ENGR 1307	Plane Surveying	√			
ENGR 1212	ENGR 2304	Programming for Engineers	√	√	√	√
ELEN 2425	ENGR 2305 & 2105	Electrical Circuits lecture & lab		√*		√
ENGR 2303	ENGR 2308	Engineering Economics/Social & Behavioral Science Core	√	√	√	√
ENGR 2321	ENGR 2401	Engineering Mechanics - Statics	√	√	√	√
ENGR 2324	ENGR 2402	Engineering Mechanics - Dynamics				√
ELEN 2448	ENGR 2406	Digital Systems & Lab		√		
MATH 3306	MATH 2320	Differential Equations	√	√	√	√
MATH 2413	MATH 2413	Calculus I	√	√	√	√
MATH 2414	MATH 2414	Calculus II	√	√	√	√
MATH 3433	MATH 2415	Calculus III	√	√	√	√
PHYS 2425	PHYS 2425	University Physics I	√	√	√	√
PHYS 2426	PHYS 2426	University Physics II	√	√	√	√
ENGR 2322	PHYS/CHEM 2389	Academic Cooperative / Thermo**		√	√	

\*\* Project must be pre-approved by Tarleton.

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<b>Gen Ed Courses</b>						
ENGR 1100	EDUC/PSYC 1100	Learning Frameworks	√	√	√	√
ENGL 1301	ENGL 1301	Freshman Composition I	√	√	√	√
ENGL 1302	ENGL 1302	Freshman Composition II	√	√	√	√
GOVT 2305	GOVT 2305	National Government	√	√	√	√
GOVT 2306	GOVT 2306	Texas Government	√	√	√	√
HIST 1301	HIST 1301	United States History I	√	√	√	√
HIST 1302	HIST 1302	History of the U.S. since 1876	√	√	√	√
Any VPA Core	Any VPA Core	Visual & Performing Arts Core	√	√	√	√

The Electrical Engineering degree is offered through the University Center. Students must take all classes shaded in gray prior to beginning courses in EE at Tarleton. Courses not shaded in gray may be taken concurrently with Tarleton courses.

While primarily taking MCC coursework, contact April Andreas (299-8130 or [aandreas@mcclennan.edu](mailto:aandreas@mcclennan.edu)) for advising.

In the semester prior to starting Tarleton coursework, contact the University Center (299-8380 or [ahscott@mcclennan.edu](mailto:ahscott@mcclennan.edu)) for information on how to connect with the appropriate Tarleton advisor.

Revised 10/8/2015