

**ARTICULATION AGREEMENT: McLennan Community College and University of Texas at Arlington
Program Leading to Bachelor of Science in Industrial Engineering**

FIRST YEAR

<i>Fall</i>				
UTA	✓	MCC		
IE 1104		ENGR 1201	Intro to Engineering	2
MATH 1426		MATH 2413	Calculus I	4
CHEM 1441		CHEM 1411	Principles of Chemistry I	4
MAE 1350		ENGR 1304	Engineering Graphics	3
ENGL 1301		ENGL 1301	Grammar & Composition I	3
				16

<i>Spring</i>				
UTA	✓	MCC		
ECON 2305		ECON 2301	Macroeconomics	3
MATH 2425		MATH 2414	Calculus II	4
CHEM 1442		CHEM 1412	Principles of Chemistry II	4
PHYS 1443		PHYS 2425	Physics I	4
				15

SECOND YEAR

<i>Fall</i>				
UTA	✓	MCC		
MATH 2326		MATH 2415	Calculus III	4
MATH 3319**		MATH 2318	Linear Algebra	3
PHYS 1444		PHYS 2426	Physics II	4
HIST 1311		HIST 1301	American History to 1877	3
POLS 2311		GOVT 2305	Natl & State Govt	3
				17

<i>Spring</i>				
UTA	✓	MCC		
MATH 3319**		MATH 2320	Differential Equations	3
IE 3312		ENGR 2308	Engineering Economics	3
POLS 2312		GOVT 2306	Am. Gov. Policies	3
HIST 1312		HIST 1302	American History from 1877	3
ENGL 1302		ENGL 1302	Grammar & Composition II	3
				15

Notes:

This is not a 2 + 2 degree plan; the student will likely require an additional 3 years of study upon transfer.

Engl 2311 can not be substituted for Engl 1302.

Engr 1201 will transfer as IE 1104 after a UTA-specific short program is completed.

**Math 2318 and Math 2320 must both be taken at MCC to transfer as Math 3319 at UTA.