

**ARTICULATION AGREEMENT: McLennan Community College and University of Texas at
Arlington**

Program Leading to Bachelor of Science in Industrial Engineering

FIRST YEAR

Fall

UTA	MCC	Course Name	Hr
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			

Spring

UTA	MCC	Course Name	Hr
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

Fall

UTA	MCC	Course Name	Hr
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			

Spring

UTA	MCC	Course Name	Hr
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	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.