

**Crosswalk: Associates of Science at McLennan College to Bachelor Science in Petroleum Engineering at Texas Tech University**

MCC Course	SCH	TTU Equivalent	Degree Applicability (Substitution/ Exception)	Requirement
<b>English</b>	<b>6</b>			
ENGL 1301	3	ENGL 1301		Core 010N
ENGL 1302	3	ENGL 1302		Core 010N
<b>Math</b>	<b>15</b>			
MATH 2413	4	MATH 1451		Core 020N
MATH 2414	4	MATH 1452		Core 020N
MATH 2415	4	MATH 2450		Program Requirement
MATH 2320*	3	MATH 2---	MATH 3350/2---*	Program Requirement
<b>Science</b>	<b>12</b>			
CHEM 1411**	4	CHEM 1307 & 1107		Core 030N + Lab
PHYS 2425	4	PHYS 1408		Core 030N + Lab
PHYS 2426	4	PHYS 2401		Program Requirement
<b>Language, Philosophy, and Culture</b>	<b>3</b>			
Language, Philosophy, and Culture***	3	Language, Philosophy, and Culture		Core 040N
<b>Creative Arts</b>	<b>3</b>			
<i>Choose One From the Following:</i>				
ARTS 1301	3	ART 1309		Core 050N
ARTS 1303	3	ARTH 1301		Core 050N
<b>History</b>	<b>6</b>			
HIST 1301	3	HIST 2300		Core 060N
HIST 1302	3	HIST 2301		Core 060N
<b>Political Science</b>	<b>6</b>			
GOVT 2305	3	POLS 1301		Core 070N
GOVT 2306	3	POLS 2306		Core 070N
<b>Social and Behavioral Science</b>	<b>3</b>			
ENGR 2308	3	IE 2324		Core 080N
<b>Major Specific Courses Here</b>	<b>11</b>			
ENGR 1201****	2	ENGR 1315		Program Requirement
ENGR 2301	3	ME 2301		Program Requirement
ENGR 2302	3	ME 2302	ME 2302/2---	Program Requirement
ENGR 2332	3	ME 2---	ME 3403*	Program Requirement
<b>Semester Credit Hours Transferred</b>	<b>65</b>		<b>Semester Credit Hours Applicable</b>	<b>65</b>

\*TTU cannot give junior-level credit for sophomore-level courses; \*\*CHEM 1409 or CHEM 1309/1109 may replace CHEM 1411; \*\*\*ENGR 2392 is required at TTU and can be reverse transferred from TTU to McLennan to complete the Associate's Degree; \*\*\*\*ENGR 1201 will require an additional credit hour