

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
English	6			
ENGL 1301	3	ENGL 1301		Core 010N
ENGL 1302	3	ENGL 1302		Core 010N
Math	15			
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
Science	12			
CHEM 1411**	4	CHEM 1307 & 1107		Core 030N + Lab
PHYS 2425	4	PHYS 1408		Core 030N + Lab
PHYS 2426	4	PHYS 2401		Program Requirement
Language, Philosophy, and Culture	3			
Language, Philosophy, and Culture***	3	Language, Philosophy, and Culture		Core 040N
Creative Arts	3			
Choose One From the Following:				
ARTS 1301	3	ART 1309		Core 050N
ARTS 1303	3	ARTH 1301		Core 050N
History	6			
HIST 1301	3	HIST 2300		Core 060N
HIST 1302	3	HIST 2301		Core 060N
Political Science	6			
GOVT 2305	3	POLS 1301		Core 070N
GOVT 2306	3	POLS 2306		Core 070N
Social and Behavioral Science	3			
ENGR 2308	3	IE 2324		Core 080N
Major Specific Courses Here	11			
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
Semester Credit Hours Transferred	65		Semester Credit Hours Applicable	65

*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