

Midwestern State University - McLennan Community College  
Engineering Course Correlation

Midwestern State University	McLennan Community College	MCC Course Title	Mechanical Engr	Petroleum Engr Cert
<b>STEM Courses</b>				
CHEM 1143 & 1141	CHEM 1411	General Chemistry I	√	
MENG 1101	ENGR 1201	Intro to Engineering	√	
MENG 1132 & MENG 1201	ENGR 1304	Engineering Graphics I	√	
MENG 2104	ENGR 2305 & 2105	Electrical Circuits Lecture & Lab	√	
MENG 2133	ENGR 2308	Engineering Economics	√	
MENG 2223	ENGR 2332	Mechanics of Materials	√	
MENG 2113	ENGR 2401	Engineering Mechanics - Statics	√	
MENG 2213	ENGR 2402	Engineering Mechanics - Dynamics	√	
MENG 2204	ENGR 2406	Digital Systems & Lab	√	
GEOL 1134	GEOL 1403	Physical Geology		√
Math elective	MATH 2305 or MATH 2318	Discrete Mathematics or Linear Algebra	√	
MATH 3433	MATH 2320	Differential Equations	√	
MATH 1634	MATH 2413	Calculus I	√	
MATH 1734	MATH 2414	Calculus II	√	
MATH 2534	MATH 2415	Calculus III	√	
PHYS 1624	PHYS 2425	University Physics I	√	
PHYS 2644	PHYS 2426	University Physics II	√	

To assist students to reduce overall educational costs students may complete coursework at McLennan Community College and apply the hours to the corresponding MWSU engineering degree provided the total number of semester credit hours to be applied to any MWSU engineering degree does not exceed a total of 72 semester credit hours.