

Midwestern State University - McLennan Community College
Engineering Course Correlation

| Midwestern State University | McLennan Community College | MCC Course Title | Mechanical Engr | Petroleum Engr Cert |
|-----------------------------|----------------------------|--|-----------------|---------------------|
| STEM Courses | | | | |
| 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.