

Associate of Science in Mechanical Engineering

Year 1

Fall Semester		Spring Semester	
Course	Credits	Course	Credits
ENGR 1201 Intro to Engineering	2	ENGR 2304 Engr Programming	3
ENGR 1304 Engineering Graphics	3	PHYS 2425 University Physics I	4
MATH 2413 Calculus I*	4	MATH 2414 Calculus II	4
Texas Core Curriculum 1	3	Texas Core Curriculum 3	3
Texas Core Curriculum 2	3		
Totals:	15	Totals:	14

Year 2

Fall Semester		Spring Semester	
Course	Credits	Course	Credits
ENGR 2301 Engr Mech I – Statics	3	ENGR 2305 & 2105 Circuits	4
PHYS 2426 University Physics II	4	ENGR 2302 Engr Mech II – Dynamics	3
CHEM 1409 Chemistry for Engineers or CHEM 1411 General Chemistry I	4	MATH 2320 Differential Equations	3
MATH 2415 Calculus III	4	Texas Core Curriculum 4	3
		Texas Core Curriculum 5	3
Totals:	15	Totals:	17
<i>TSU@Waco – Take at MCC: ENGR 2334 Chem Engr Thermo I</i>	3	<i>TSU@Waco – Take at MCC: Add ENGR 2332 Mech of Materials</i>	3

Some recommended core courses for engineering students:

- ENGL 1301 – Freshman Composition I
- GOVT 2305 – National Government
- GOVT 2306 – Texas Government
- HIST 1301 – History Of US To 1877
- HIST 1302 – History Of US From 1877
- ENGR 2308 – Engineering Economics

Total Degree Hours: 60