

# Associate of Science in Civil 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	ENGR 1307 Plane Surveying	3
MATH 2413 Calculus I	4	PHYS 2425 University Physics I	4
Texas Core Curriculum 1	3	MATH 2414 Calculus II	4
Texas Core Curriculum 2	3	Texas Core Curriculum 3	1
<b>Total hours:</b>	<b>15</b>	<b>Total hours:</b>	<b>15</b>

## Year 2

Fall Semester		Spring Semester	
Course	Credits	Course	Credits
ENGR 2301 Engr Mech I – Statics	3	ENGR 2302 Engr Mech II – Dynamics	3
ENGR 2308 Engineering Economics	3	CHEM 1409 Chemistry for Engineers or CHEM 1411 General Chemistry I	4
PHYS 2426 University Physics II	4	MATH 2320 Differential Equations	3
MATH 2415 Calculus III	4	ENGR 2332 Mech of Materials	3
Texas Core Curriculum 4	3		
<b>Total hours:</b>	<b>17</b>	<b>Total hours:</b>	<b>13</b>
<i>TSU@Waco – Take at TSU: CVEN 2312- Intro to Civil Engr</i>		<i>TSU@Waco – Take at MCC: ENGR 3311-Math Methods</i>	
			<b>3</b>

### 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

**Total Degree Hours: 60**