

	M	echanical Engineering (Bache				<u>. </u>	
Graduation Plan - Recommended Course Sequence (2025-26) 4-Year (Full-Time)							
Blinn College District Tarleton State University							
Engineering (A.S.)			Mechanical Engineering (B.S.)				
F	reshman	Fall		J	unior	Fall	
	ENGR 1201	Intro to Engineering	2	<		CREATIVE ARTS*	3
	MATH 2413		4		HIST 1302	United States History II	3
	CHEM 1409	Gen Chem for Engr Maj	4		MEEN 3305	Fluid Mechanics	3
	ENGL 1301	Composition I	3		MEEN 3310	Materials & Mfg. Processes	3
		•			MEEN 3335	Mechanical Vibration	3
		TOTAL	13			TOTAL	15
	Spring					Spring	
	ENGR 1304	Engineering Graphics	3		GOVT 2305	Federal Government	3
	MATH 2414	Calculus II	4		ENGR 3311	Engineering Math Methods	3
	PHYS 2325	University Physics I	3		MEEN 3325	Eng Thermo Dynamics II	3
	PHYS 2125	University Physics I Lab	1		MEEN 3345	Heat Transfer	3
	ENGL 1302	Composition II	3		MEEN/ELEN 44	443 Linear Control Sys Design	4
	HIST 1301	United States History I	3		CVEN 3123	Strength of Materials Lab	1
TOTAL 17			5		C V LI V 3123	Suchgui of Materials Lab	1
		•				TOTAL	1 7
Se	ophomore	TOTAL Fall	17	S	enior	TOTAL Fall	17
Se	pphomore ENGR 2301	TOTAL Fall Engineering Mech: Statics	17	S	enior 010-GEN ED	TOTAL Fall COMMUNICATION*	
Se	engr 2301 Engr 2334	TOTAL Fall Engineering Mech: Statics Chem Engineering: Thermo I	3 3	S	enior 010-GEN ED MEEN 4205	TOTAL Fall COMMUNICATION* Experimental Lab	3 2
Se	engr 2301 ENGR 2334 MATH 2415	TOTAL Fall Engineering Mech: Statics Chem Engineering: Thermo I Calculus III	3 3 4	S	enior 010-GEN ED MEEN 4205 ENGR 4259	TOTAL Fall COMMUNICATION* Experimental Lab Capstone I	3 2 2
Se	ENGR 2301 ENGR 2334 MATH 2415 PHYS 2326	TOTAL Fall Engineering Mech: Statics Chem Engineering: Thermo I Calculus III University Physics II	3 3 4 3	S	enior 010-GEN ED MEEN 4205 ENGR 4259 MEEN 4300	TOTAL Fall COMMUNICATION* Experimental Lab Capstone I Renew Energy Sys & App	3 2 2 3
Se	ENGR 2301 ENGR 2334 MATH 2415 PHYS 2326 PHYS 2126	TOTAL Fall Engineering Mech: Statics Chem Engineering: Thermo I Calculus III University Physics II University Physics II Lab	3 3 4 3 1	S	enior 010-GEN ED MEEN 4205 ENGR 4259 MEEN 4300 MEEN 4310	TOTAL Fall COMMUNICATION* Experimental Lab Capstone I Renew Energy Sys & App Mechanical Eng Design I	3 2 2 3 3
Se	ENGR 2301 ENGR 2334 MATH 2415 PHYS 2326 PHYS 2126	TOTAL Fall Engineering Mech: Statics Chem Engineering: Thermo I Calculus III University Physics II University Physics II Lab SOCIAL SCIENCE*	3 3 4 3 1 3	S	enior 010-GEN ED MEEN 4205 ENGR 4259 MEEN 4300	TOTAL Fall COMMUNICATION* Experimental Lab Capstone I Renew Energy Sys & App Mechanical Eng Design I Thermal Fluid Sys Design	3 2 2 3 3 3 3
Se	ENGR 2301 ENGR 2334 MATH 2415 PHYS 2326 PHYS 2126	TOTAL Fall Engineering Mech: Statics Chem Engineering: Thermo I Calculus III University Physics II University Physics II Lab SOCIAL SCIENCE* TOTAL	3 3 4 3 1 3	S	enior 010-GEN ED MEEN 4205 ENGR 4259 MEEN 4300 MEEN 4310	TOTAL Fall COMMUNICATION* Experimental Lab Capstone I Renew Energy Sys & App Mechanical Eng Design I Thermal Fluid Sys Design TOTAL	3 2 2 3 3
See	ENGR 2301 ENGR 2334 MATH 2415 PHYS 2326 PHYS 2126 080-GEN ED	TOTAL Fall Engineering Mech: Statics Chem Engineering: Thermo I Calculus III University Physics II University Physics II Lab SOCIAL SCIENCE* TOTAL Spring	3 3 4 3 1 3 17	S	enior 010-GEN ED MEEN 4205 ENGR 4259 MEEN 4300 MEEN 4310 MEEN 4330	TOTAL Fall COMMUNICATION* Experimental Lab Capstone I Renew Energy Sys & App Mechanical Eng Design I Thermal Fluid Sys Design TOTAL Spring	3 2 2 3 3 3 16
Se	ENGR 2301 ENGR 2334 MATH 2415 PHYS 2326 PHYS 2126 080-GEN ED	TOTAL Fall Engineering Mech: Statics Chem Engineering: Thermo I Calculus III University Physics II University Physics II Lab SOCIAL SCIENCE* TOTAL Spring Engineering Mech: Dynamics	3 3 4 3 1 3 17	S	enior 010-GEN ED MEEN 4205 ENGR 4259 MEEN 4300 MEEN 4310 MEEN 4330	TOTAL Fall COMMUNICATION* Experimental Lab Capstone I Renew Energy Sys & App Mechanical Eng Design I Thermal Fluid Sys Design TOTAL Spring Mech ENGR Design 2	3 2 2 3 3 3 16
Se	ENGR 2301 ENGR 2334 MATH 2415 PHYS 2326 PHYS 2126 080-GEN ED ENGR 2302 ENGR 2304	TOTAL Fall Engineering Mech: Statics Chem Engineering: Thermo I Calculus III University Physics II University Physics II Lab SOCIAL SCIENCE* TOTAL Spring Engineering Mech: Dynamics Programming for Engineers	3 3 4 3 1 3 17	S	enior 010-GEN ED MEEN 4205 ENGR 4259 MEEN 4300 MEEN 4310 MEEN 4330 MEEN 4320 MEEN 4325	TOTAL Fall COMMUNICATION* Experimental Lab Capstone I Renew Energy Sys & App Mechanical Eng Design I Thermal Fluid Sys Design TOTAL Spring Mech ENGR Design 2 Mechatronics	3 2 2 3 3 3 16
Se	ENGR 2301 ENGR 2334 MATH 2415 PHYS 2326 PHYS 2126 080-GEN ED ENGR 2302 ENGR 2304 ENGR 2332	TOTAL Fall Engineering Mech: Statics Chem Engineering: Thermo I Calculus III University Physics II University Physics II Lab SOCIAL SCIENCE* TOTAL Spring Engineering Mech: Dynamics Programming for Engineers Mechanics of Materials	3 3 4 3 1 3 17	S	enior 010-GEN ED MEEN 4205 ENGR 4259 MEEN 4300 MEEN 4310 MEEN 4330 MEEN 4320 MEEN 4320 MEEN 4325 MEEN 4340	TOTAL Fall COMMUNICATION* Experimental Lab Capstone I Renew Energy Sys & App Mechanical Eng Design I Thermal Fluid Sys Design TOTAL Spring Mech ENGR Design 2 Mechatronics HVAC Systems Design	3 2 2 3 3 3 16
Se	ENGR 2301 ENGR 2334 MATH 2415 PHYS 2326 PHYS 2126 080-GEN ED ENGR 2302 ENGR 2304 ENGR 2332 ENGR 2405	TOTAL Fall Engineering Mech: Statics Chem Engineering: Thermo I Calculus III University Physics II University Physics II Lab SOCIAL SCIENCE* TOTAL Spring Engineering Mech: Dynamics Programming for Engineers Mechanics of Materials Electrical Circuits	3 3 4 3 1 3 17	S	enior 010-GEN ED MEEN 4205 ENGR 4259 MEEN 4300 MEEN 4310 MEEN 4330 MEEN 4330 MEEN 4320 MEEN 4325 MEEN 4340 ENGR 4360	TOTAL Fall COMMUNICATION* Experimental Lab Capstone I Renew Energy Sys & App Mechanical Eng Design I Thermal Fluid Sys Design TOTAL Spring Mech ENGR Design 2 Mechatronics HVAC Systems Design Capstone II	3 2 2 3 3 3 16
So	ENGR 2301 ENGR 2334 MATH 2415 PHYS 2326 PHYS 2126 080-GEN ED ENGR 2302 ENGR 2304 ENGR 2332 ENGR 2405	TOTAL Fall Engineering Mech: Statics Chem Engineering: Thermo I Calculus III University Physics II University Physics II Lab SOCIAL SCIENCE* TOTAL Spring Engineering Mech: Dynamics Programming for Engineers Mechanics of Materials	3 3 4 3 1 3 17	S	enior 010-GEN ED MEEN 4205 ENGR 4259 MEEN 4300 MEEN 4310 MEEN 4330 MEEN 4320 MEEN 4320 MEEN 4325 MEEN 4340	TOTAL Fall COMMUNICATION* Experimental Lab Capstone I Renew Energy Sys & App Mechanical Eng Design I Thermal Fluid Sys Design TOTAL Spring Mech ENGR Design 2 Mechatronics HVAC Systems Design	3 2 2 3 3 3 16
See	ENGR 2301 ENGR 2334 MATH 2415 PHYS 2326 PHYS 2126 080-GEN ED ENGR 2302 ENGR 2304 ENGR 2332 ENGR 2405	TOTAL Fall Engineering Mech: Statics Chem Engineering: Thermo I Calculus III University Physics II University Physics II Lab SOCIAL SCIENCE* TOTAL Spring Engineering Mech: Dynamics Programming for Engineers Mechanics of Materials Electrical Circuits	3 3 4 3 1 3 17	S	enior 010-GEN ED MEEN 4205 ENGR 4259 MEEN 4300 MEEN 4310 MEEN 4330 MEEN 4330 MEEN 4320 MEEN 4325 MEEN 4340 ENGR 4360	TOTAL Fall COMMUNICATION* Experimental Lab Capstone I Renew Energy Sys & App Mechanical Eng Design I Thermal Fluid Sys Design TOTAL Spring Mech ENGR Design 2 Mechatronics HVAC Systems Design Capstone II	3 2 2 3 3 3 16

TOTAL CREDIT-ALL TERMS 126

- * Consult with an academic advisor to determine best options
- * Consult with an advisor on course options offered in a summer session or minimester
- < Final course to complete AS in Engineering may be taken before junior year