## College of Science and Technology

Department of Engineering and Computer Science

Even Years/Odd Years/All Years (As necessary)

even Years/Odd Years/All Years (As necessary)				541						CRRING							9		
Prefix	Number	Title	W.I.	S'VILLE	WACO	FALL FW	MID	ONI THE	S'VILLE	WACO	SPRING FW	MID	ONLINE	S'VILLE	WACO	SUMMER FW	MID	ONLINE	
OSC	1100	Trans to Univ Stud-COSC	****	X	WACO		1112	ONLLINE	J V.L.L.	WACO		1115	ONLINE	0 11111	WAGO			OHELHE	
)SC	1302	Intro to Computer Science		<u>x</u>					<u>X</u>										
OSC	1310	Procedural Programming		X					X					Χ					
OSC	2321	Object Oriented Programming		<u>x</u>					<u>x</u>					_					
osc	2331	Intro to Java Programming		<u>x</u>					<u>x</u>										
osc	2341	Data Structures		<u>x</u>					<u>x</u>										
)SC	2448	Intro to Digital System Design		<u>x</u>					<u>x</u>										
OSC	3304	Topics in Computer Science*																	
OSC	3330	Game, Graphics & GUI Dev		X Odd															
OSC	3344	Computer Appl in Analysis		X															
)SC	3345	Computer Graphics*																	
osc	3380	Operating Systems							X (Even)										
osc	3443	Computer Architecture		X (Even)															
osc	3489	Intro to Software Engineering	<u>X</u>	X (Even)															
osc	4086	Computer Science Problems*																	
osc	4390	Adv Topics in Computer Science*																	
osc	4401	Database Theory and Practice							X (Odd)										
DSC	4441	Microprocessor System Design		X (Odd)															
DSC	4451	Distributed Applications					1		X (Odd)							<b>†</b>			
DSC	4478	Computer Networks	<u>X</u>						X (Even)										
osc .	5330	Simulation*																	
DSC	5360	Artificial Intelligence*			<b>†</b>		1	† †								<b>†</b>			
/EN	2200	Surveying		<u>x</u>			<del>                                     </del>	+								<del>                                     </del>			
/EN	2210	Intro to Civil Engineering		X															
/EN	2235	Civil Engineering Graphics		X			-												
/EN	3301	Structural Analysis		X (EVEN)															
ΈN	3320	Construction Planning & Mgmt		X (EVERY			-		X (Odd)										
/EN	3325	Contracts & Construction Engr*					-		<u>x (odd)</u>										
/EN	3405	Design of Structural Elements					-		X (Odd)										
/EN	3423	Strength of Materials							<u>X (Odd)</u>										
VEN	3430	Civil Engineering Materials			1				X (Even)							1			
VEN	4086	Special Problems*			1				X (Eveli)							1			
VEN	4325	Foundation Engineering		X (Odd)															
VEN	4360	Highway Planning and Design		<u>X (Odd)</u>					X (Even							1			
/EN	4450		X	X (Odd)					X (EVEII							1			
EN	2425	Transportation Engineering Electrical Circuit Theory		A (Odd)					v										
EN.	2448	Intro to Digital System Design		X					<u> </u>										
.EN	3310	Power Systems Engineering*		Δ												-			
.EN	3314	Signals and Systems	<u>X</u>	V												-			
.EN	3320	Engineering Analysis Technique		<u>X</u>			+	+								<del> </del>			
.EN .EN	3320			X_ X (Odd)			1	+								-			
.EN .EN	3332	Electromagnetic Field Theory Microwave Theory		<u> </u>			+	+	X (Even)							-			
EN.	3443			X (Even)			1	+	X (EVEII)							-			
EN	3443 3445	Computer Architecture Electronics I		X (Even)			1	+								-			
EN	4086	Special Problems		A (Udd)			+	+								-			
				V (Odd)			+	+								-			
.EN .EN	4336 4350	Solid State Physics Communication Systems Theory		X (Odd)			1	+	V (Odd)							-			
EN	4350	Communication Systems Theory Digital Signal Processing			-		1	+	X (Odd) X (Odd)							-			
				V (Odd)			-	+	A (Odd)							<b>-</b>	-		
	4441 4443	Microprocessor System Design		X (Odd)			1	+	X (Odd)							-			
	4443 4446	Linear Control System Design Electronics II			-		1	+								-			
	1100	Trans to Univ Stud-ENGR		V .	<del>                                     </del>		+	+	X (Even)			1				<del>                                     </del>			
				<u>X</u>			+	+	V			-				<del>                                     </del>			
	1211	Engineering Fundamentals I		<u>X</u>			+	+	<u>X</u>			-				<del>                                     </del>			
		Engineering Fundamentals II		X			1	+ -	X							1		1	
IGR	2303	Engineering Economy*			-		1	+ -	V							1		1	
	2321	Engineering Mechanics: Statics		<u>X</u>			1	+	<u>X</u>							1		1	
	2322	Engineering Thermodynamics		X			1	+	X							ļ			
		Dynamics		-	-		1	+	<u>X</u>										
	2451	Into to GIS*		-	ļ		1	+								ļ			
NGR	3255	Engineering Management			1				<u>X (odd)</u>							L			L

ENGR	3300	Fundamentals of Circuit Theory*										
ENGR	3311	Engineering Math Methods					×					
ENGR	4086	Special Problems*										
ENGR	4259	Engineering Innov. and Design	X									
ENGR	4360	Engineering Capstone	<u>×</u>				<u>X</u>					
ENPH	3332	Electromagnetic Field Theory*										
ENPH	3360	Microwave Theory*										
ENPH	4086	Special Problems*										
ENVE	2310	Intro to Environmental Engr					<u>X</u>					
ENVE	2311	Soil Mechanics	<u>X</u>									
ENVE	2450	Environmental Biotechnology					<u>X</u>					
ENVE	3310	Engineering Hydrology	X (Odd)									
ENVE	3400	Fluid Mechanics					<u>X</u>					
ENVE	3401	Environmental Systems Modeling	X (Odd)									
ENVE	3420	Groundwater Hydrology	X Even									
ENVE	3440	Environmental Risk Assessment	X (Even)									
ENVE	4086	Special Problems*										
ENVE	4302	Atmos Sys and Air Pol Control					X (Odd)					
ENVE	4310	Water Resources Engineering	X (Even)									
ENVE	4330	Texas Water Resource Mgmt	X				X (Even)					
ENVE	4340	Advanced GIS Applications					X (Odd)					
ENVE	4350	Solid and Hazardous Waste Mgmt					X (Odd)					
ENVE	4420	Water & Waste Water Treatment					X (Even)					
MEEN	1310	Engineering Computer Aided Des*										
MEEN	2210	Engineering Computer Aided Des	<u>X</u>									
MEEN	3310	Design for Mfg and Assembly	X (Odd)									
MEEN	3314	Signals and Systems	<u>X</u>									
MEEN	3350	Measurement System Design					X (Odd)					
MEEN	3400	Fluid Mechanics					<u>X</u>					
MEEN	3440	Heat Transfer	<u>X</u>									
MEEN	4086	Special Problems*										
MEEN	4300	Analysis of Alt Energy Sources	X (Odd)									
MEEN	4310	Mechanical System Design	X (Even)									
MEEN	4420	Thermal-Fluid System Design					X (Even)					
MEEN	4425	Electromechanical Syst Design*										
MEEN	4443	Linear Control Systems					X (Odd)					
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			* Designate	s courses offere	d "As Needed"	'		•				