## College of Science and Technology

Department of Engineering and Computer Science

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

Even Ye	ears/Odd	Years/All Years (As necessary)								CDDING									
				all the		FALL					SPRING			an a		SUMMER			
	Number		W.I.	S'VILLE	WACO	FW	MID	ONLINE	S'VILLE	WACO	FW	MID	ONLINE	S'VILLE	WACO	FW	MID	ONLINE	
COSC	1100	Trans to Univ Stud-COSC		<u>X</u>															
COSC	1302	Intro to Computer Science		<u>X</u>			1		X								-		
COSC COSC	1310	Procedural Programming		<u>X</u>					X					<u>X</u>					1
	2321	Object Oriented Programming		V					X							-			
COSC	2331	Intro to Java Programming		<u>X</u>					<u>X</u>							1			
COSC	2341	Data Structures		<u>X</u>					<u>X</u>							-			
COSC	2448	Intro to Digital System Design		<u>X</u>					X										
COSC	3330	Game, Graphics & GUI Dev		X (Even)					X										
COSC	3344	Computer Applications in Analysis		<u>X</u>															
COSC	3360	Introduction to Data Science		X (Even)															
COSC	3365	NoSQL Databases*							× (= >										-
cosc	3366	Computer Vision							X (Even)										4
COSC	3380	Operating Systems							X										
cosc	3390	Software Engineering I		X (Odd)															
cosc	3443	Computer Architecture		<u>X</u>												<b></b>	<b></b>		1
COSC	3489	Software Engineering II	<u>X</u>						<u>X</u>										1
cosc	4086	Special Problems*																	
cosc	4360	Machine Learning for Data Science							X (Odd)										
cosc	4389	Programming Languance Fund							X (Even)										
COSC	4401	Database Theory and Practice					1		X (Odd)							1	1		
COSC	4441	Microprocessor System Design		X (Even)												<b>†</b>	<b>†</b>		1
COSC	4451	Distributed Applications		X (Odd)															t
COSC	4478	Computer Networks	X	<u> </u>			-												1
							-								-	-	-		1
OSC	5330	Simulation*					1										-		1
OSC	5360	Artificial Intelligence*					1										1		1
VEN	2200	Surveying		<u>X</u>															1
VEN	2210	Intro to Civil Engineering*																	1
VEN	2235	Civil Engineering Graphics		<u>X</u>															1
CVEN	2312	Intro to Civil Engineering		<u>x</u>															
CVEN	3301	Structural Analysis		X (Even)															1
CVEN	3320	Construction Planning & Mgmt							X (Odd)										
CVEN	3325	Contracts & Construction Engr*						<u> </u>											
CVEN	3405	Design of Structural Elements*																	
CVEN	3423	Strength of Materials							X										
CVEN	3430	Civil Engineering Materials							X (Even)										
CVEN	4086	Special Problems*																	
CVEN	4305	Reinforced Concrete Design		X (Even)															
VEN	4306	Steel Design							X (Odd)										
CVEN	4325	Foundation Engineering		X (Odd)															
VEN	4360	Highway Planning and Design							X										1
VEN	4450	Transportation Engineering	X	X (Odd)															
LEN	2425	Electrical Circuit Theory	-	<u>X (344)</u>			-		×										1
							-								-	-	-		+
LEN	2448	Intro to Digital System Design		X			-		X								ļ		1
LEN	3310	Power Systems Engineering*					-										ļ		1
LEN	3314	Signals and Systems	X	<u>X</u>															1
LEN	3320	Engineering Analysis Techniques		<u>X</u>															1
LEN		Electromagnetic Field Theory		<u>X</u>															
EN	3360	Microwave Theory*																	
.EN	3443	Computer Architecture		<u>X</u>															
EN	3445	Electronics I		X (Odd)															
	4086	Special Problems*																	
LEN		Solid State Physics					<del>                                     </del>		X (Even)							<b>†</b>	<b>†</b>		t
LEN							1		X (Odd)						<b> </b>	<del> </del>	<del> </del>		╁
		Communication Systems Theory					-	<del>                                     </del>								<del>                                     </del>	<del>                                     </del>		1
LEN		Digital Signal Processing							X (Odd)							<u> </u>	<u> </u>		1
LEN		Microprocessor System Design		<u>X</u>															1
LEN	4443	Linear Control System Design							X										
	4446	Electronics II							X (Even)										

ENCD	1100	Trans to Univ Stud-ENGR		~		1	ı				Π	ī		1	
ENGR ENGR	1100 1211	Engineering Fundamentals I		<u>X</u> <u>X</u>				~							
	1212	Engineering Fundamentals II						X							
ENGR			_	×				<u>X</u>							
ENGR	2251	Fundamentals of GIS for Engineers		X				X							
ENGR	2303	Engineering Economy*													
ENGR	2321	Engineering Mechanics: Statics		X				<u>X</u>							
ENGR	2322	Engineering Thermodynamics		X				<u>×</u>							
ENGR	2324	Dynamics						×							
ENGR	2451	Intro to GIS*													
ENGR	3255	Engineering Management*													
ENGR	3300	Fundamentals of Circuit Theory*													
ENGR	3311	Engineering Math Methods						<u>×</u>							
ENGR	4086	Special Problems*													
ENGR	4259	Engineering Capstone I		<u>×</u>											
ENGR	4360	Engineering Capstone II	X					<u>×</u>							
ENPH	3332	Electromagnetic Field Theory*													
ENPH	3360	Microwave Theory*													
ENPH	4086	Special Problems*													
ENVE	2251	Fund. Of GIS for Engineers		X				×							
ENVE	2310	Intro to Environmental Engr						<u>X</u>							
ENVE	2311	Soil Mechanics		X											
ENVE	2450	Environmental Biotechnology				+		X					<del>                                     </del>		
ENVE	3300	Fluid Mechanics						X							
ENVE	3300	Environmental Systems Modeling		X (Odd)		+							<del>                                     </del>		
	3310			X (Odd)											
ENVE		Engineering Hydrology		<u>x (Odd)</u>				V (5 )							
ENVE	3333	Groundwater Remediation	X	× /= >				X (Even)							
ENVE	3340	Environmental Risk Assessment		X (Even)											
ENVE	3400	Fluid Mechanics*													
ENVE	3401 3420	Environmental Systems Modeling*													
ENVE	3440	Groundwater Hydrology* Environmental Risk Assessment*													
ENVE	3450	Environmental Biotechnology			1			X							
ENVE	4086	Special Problems*													
								X (O44)							
ENVE	4302	Atmos Sys and Air Pol Control		V (F)				X (Odd)							
ENVE	4310	Water Resources Engineering		X (Even)				× (= ×							
ENVE	4325	Environ Monitoring and Measuring						X (Even)							
ENVE	4320	Water & Waste Water Treatment						X (Even)							
ENVE	4330	Texas Water Resource Mgmt*	X												
ENVE	4340	Advanced GIS Applications*													
ENVE	4350	Solid and Hazardous Waste Mgmt						X (Odd)							
ENVE	4420	Water & Waste Water Treatment*													
WEEN	2210	Engineering Computer Aided Des		X											
WEEN	2115	Engineering CAM						<u>X</u>							
WEEN	2310	Engineering CAD/CAM*													
WEEN	3305	Fluid Mechanics						<u>X</u>							
MEEN	3310	Design for Manufacturability*													
MEEN	3314	Signals and Systems*				1									
WEEN		Advanced Thermodynamics						<u>X</u>							
WEEN		Mechanical Vibration		X											
WEEN		Heat Transfer		<u>x</u>											
WEEN		Measurement System Design*													
WEEN		Fluid Mechanics*													
WEEN		Heat Transfer*													
WEEN		Special Problems*													
WEEN		MEEN Experimental Lab		<u>X</u>											
WEEN	4300	Renewable Energy Sys & App	X	<u>X</u>											1
MEEN	4310	Mechanical System Design I		X											
MEEN	4320	Mechanical System Design II						X							
MEEN	4420	Thermal-Fluid System Design						<u>X</u>							
MEEN	4425	Mechatronics		İ				<u>X</u>							
MEEN		Linear Control Systems						X							
				<u> </u>	· ·			_							

	* Designates courses of	offered "As Needed"					