College of Science and Technology

Department of Engineering and Computer Science

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

				FALL					SPRING					SUMMER				
Prefix	Number	Title	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		X														
COSC	1302	Intro to Computer Science		X					X									
COSC	1310	Procedural Programming		X					X					X				
COSC	2321	Object Oriented Programming							X									
COSC	2331	Intro to Java Programming		X					X									
COSC	2341	Data Structures		X					X									
COSC	2448	Intro to Digital System Design		X					X									
COSC	3330	Game, Graphics & GUI Dev							X									
COSC	3344	Computer Applications in Analysis		X														
COSC	3360	Introduction to Data Science		X														
COSC	3365	NoSQL Databases							X									
COSC	3380	Operating Systems							X									
COSC	3390	Software Engineering I		X														
COSC	3443	Computer Architecture		X														
COSC	3489	Software Engineering II	X						X									
COSC	4086	Special Problems*																
COSC	4360	Machine Learning for Data Science							X									
COSC	4389	Programming Languance Fund							X									
COSC	4401	Database Theory and Practice							X									
COSC	4441	Microprocessor System Design		X														
COSC	4451	Distributed Applications		X														
COSC	4478	Computer Networks	X	X														
COSC	5330	Simulation*																
COSC	5360	Artificial Intelligence*																
CVEN	2200	Surveying		X														
CVEN	2210	Intro to Civil Engineering*																
CVEN	2235	Civil Engineering Graphics		X														
CVEN	2312	Intro to Civil Engineering		X														
CVEN	3301	Structural Analysis		X (Even)														
CVEN	3320	Construction Planning & Mgmt							X (Odd)									
CVEN	3325	Contracts & Construction Engr*																
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)														
CVEN	4306	Steel Design							X (Odd)									
CVEN	4325	Foundation Engineering		X (Odd)														
CVEN	4360	Highway Planning and Design							X (Even									
CVEN	4450	Transportation Engineering	X	X (Odd)														
ELEN	2425	Electrical Circuit Theory		X					X									
ELEN	2448	Intro to Digital System Design		X					X									
ELEN	3310	Power Systems Engineering*																
ELEN	3314	Signals and Systems	X	X														
ELEN	3320	Engineering Analysis Techniques		X														
ELEN	3332	Electromagnetic Field Theory		X														
ELEN	3360	Microwave Theory*																
ELEN	3443	Computer Architecture		X														
ELEN	3445	Electronics I		X (Odd)														
ELEN	4086	Special Problems*																
ELEN	4336	Solid State Physics							X (Even)									
ELEN	4350	Communication Systems Theory							X (Odd)									
ELEN	4355	Digital Signal Processing							X (Odd)									
ELEN	4441	Microprocessor System Design		X														
ELEN	4443	Linear Control System Design							X									
ELEN	4446	Electronics II							X (Even)									
ENGR	1100	Trans to Univ Stud-ENGR		X														

ENGR	1211	Engineering Fundamentals I		X					X										
ENGR	1212	Engineering Fundamentals II		X					X					X					
ENGR	2251	Fundamentals of GIS for Engineers		X					X										
ENGR	2303	Engineering Economy*																	
ENGR	2321	Engineering Mechanics: Statics		X					X										
ENGR	2322	Engineering Thermodynamics		X					X										
ENGR	2324	Dynamics							X										
ENGR	2451	Intro to GIS*																	
ENGR	3255	Engineering Management*																	
ENGR	3300	Fundamentals of Circuit Theory*																	
ENGR	3311	Engineering Math Methods							X										
ENGR	4086	Special Problems*																	
ENGR	4259	Engineering Capstone I		X															
ENGR	4360	Engineering Capstone II	X						X										
ENPH	3332	Electromagnetic Field Theory*																	
ENPH	3360	Microwave Theory*																	
ENPH	4086	Special Problems*																	
ENVE	2310	Intro to Environmental Engr							X										
ENVE	2311	Soil Mechanics		X															
ENVE	2450	Environmental Biotechnology							X										
ENVE	3300	Fluid Mechanics							X										
ENVE	3301	Environmental Systems Modeling		X (Odd)															
ENVE	3310	Engineering Hydrology		X (Odd)															
ENVE	3333	Groundwater Remediation	X						X (Even)										
ENVE	3340	Environmental Risk Assessment		X (Even)															
ENVE	3400	Fluid Mechanics*																	
ENVE	3401	Environmental Systems Modeling*																	
ENVE	3420	Groundwater Hydrology*																	
ENVE	3440	Environmental Risk Assessment*																	
ENVE	4086	Special Problems*																	
ENVE	4302	Atmos Sys and Air Pol Control							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*																	
MEEN	1310	Engineering Computer Aided Des*																	
MEEN	2210	Engineering Computer Aided Des*																	
MEEN	2310	Engineering CAD/CAM		X															
MEEN	3305	Fluid Mechanics							X										
MEEN	3310	Design for Manufacturability*																	
MEEN	3314	Signals and Systems*																	
MEEN	3325	Advanced Thermodynamics							X										
MEEN	3335	Mechanical Vibration		X															
MEEN	3345	Heat Transfer		X															
MEEN	3350	Measurement System Design*																	
MEEN	3400	Fluid Mechanics*																	
MEEN	3440	Heat Transfer*																	
MEEN	4086	Special Problems*																	
MEEN	4205	MEEN Experimental Lab		X															
MEEN	4300	Renewable Energy Sys & App	X	X															
MEEN	4310	Mechanical System Design I		X															
MEEN	4320	Mechanical System Design II							X										
MEEN	4420	Thermal-Fluid System Design							X										
MEEN	4425	Mechatronics							X										
MEEN	4443	Linear Control Systems							X										

* Designates courses offered "As Needed"