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 (Even)					X									
COSC	3344	Computer Applications in Analysis		X														
COSC	3360	Introduction to Data Science		X (Even)														
COSC	3365	NoSQL Databases*																
COSC	3366	Computer Vision							X (Even)									
COSC	3380	Operating Systems							X									
COSC	3390	Software Engineering I		X (Odd)														
COSC	3443	Computer Architecture		X														
COSC	3489	Software Engineering II	X						X (Odd)									
COSC	4086	Special Problems*																
COSC	4088	Undergraduate Research Project*																
COSC	4360	Machine Learning for Data Science							X (Odd)									
COSC	4389	Programming Languance Fund							X (Even)									
COSC	4401	Database Theory and Practice							X (Odd)									
COSC	4441	Microprocessor System Design		X (Even)														
COSC	4451	Distributed Applications		X (Odd)														
COSC	4478	Computer Networks	X	X														
COSC	5330	Simulation*																
COSC	5360	Artificial Intelligence*																
CVEN	2200	Surveying		X														
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	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									
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															
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	3311	Engineering Math Methods		X					X										
ENGR	4086	Special Problems*																	
ENGR	4259	Engineering Capstone I		X															
ENGR	4360	Engineering Capstone II	X						X										
ENVE	2251	Fund. Of GIS for Engineers		X					X										
ENVE	2310	Intro to Environmental Engr							X										
ENVE	2311	Soil Mechanics		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	3450	Environmental Biotechnology							X										
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	4350	Solid and Hazardous Waste Mgmt							X (Odd)										
ENVE	4420	Water & Waste Water Treatment*																	
MEEN	2210	Engineering Computer Aided Des		X															
MEEN	2115	Engineering CAM							X										
MEEN	2310	Engineering CAD/CAM*																	
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"															