



**Revised Computer Science Courses (ICS, ITS, CS) Across the UH System (1/05)**

Alpha	Number	Title	Credit	Total	HAW	HIL	HON	KAP	KAU	LEE	MAN	MAU	WIN
ICS	125	Comp Main/Repair	3	1									1
ICS	125	Microcomputer Maintenance	3	2			1			1			
ICS	130	Elementary Basic	3	2			1					1	
ICS	130	Intro to Prgm	3	1						1			
ICS	135	Visual Basic	3	1						1			
ICS	140	Elem Oper Systems	3	1									1
ICS	141	Discrete Math Comp Sci I	3	1			1						
ICS	141	Discrete Math for Com Sci I	3	1						1			
ICS	141	Discrete Math for CS I	3	1							1		
CS	150	Intro To Computer Science	3	1		1							
CS	151	Intro To Software Development	3	1		1							
ITS	151	Applied Database Prog using VB	3	1				1					
ITS	151	Applied Database Programming	4	1	1			1					
ICS	151C	Intro C Programming	3	1								1	
ICS	151C	Programming In C	3	1			1						
ICS	151J	Programming in Java	3	1								1	
ICS	151Z	Structured Database Prg	3	1						1			
ICS	155	Methods in COBOL	3	1						1			
ITS	155	COBOL	3	1				1					
ITS	157	Web Site Development	3	1				1					
ICS	160	Elem Basic	4	1									1
ICS	160L	Elem Basic Lab	1	1									1
ICS	161	Computer Graphics	3	1								1	
ICS	163	Desktop Publishing	3	1									1
ICS	167	Intro Comp Sci I	4	1									1
ICS	184	Fundamentals of Networking	3	1			1						
ICS	184	Netprep Network Fund	3	1						1			
ICS	184	Networking/Data Commun	4	1								1	
ICS	184B	Network & Data Comm I	1	1						1			
ICS	184C	Network & Data Comm II	1	1						1			
ICS	184D	Network & Data Comm III	1	1						1			
ICS	185	Netprep Local Area Net	3	1						1			
ICS	186	Netprep Wide Area Net	3	1						1			
ICS	187	Netprep TCP/IP Net Arch	3	1						1			
ICS	190V	Topic: ICS	1	1								1	
ITS	193	Info Technology Internship	3	1				1					
ITS	193	Coop Ed/Internship/Practicum	3	1	1			1					
ICS	193D	Cooperative Ed	3	1						1			
ICS	193P	Internship in ICS	1	1								1	
ICS	193V	Coop A&S Educ	1	1								1	
ICS	193V	Coop Ed	1	1									1
ICS	197	Tech Sur Crse	1	1									1
ICS	197B	Intro to Windows and the Web	1	1				1					
ICS	197C	Intro to Word & PowerPoint	1	1				1					
ICS	197C	Programming in C	3	1						1			
ICS	197D	Programming in C++	3	1						1			
ICS	197E	Intro Computer Graphics	3	1						1			
ICS	197F	Intro Input Devices	1	1									1
ICS	197G	Netprep Local Area Net	3	1						1			
ICS	197I	Topics in Comp Sci	1	1						1			
ICS	197J	Netprep Trn the Trainer I	3	1						1			
ICS	197K	NETPREP TRAIN THE TRAINER II	3	1						1			
ICS	197L	Structured Cabling Systems	3	1						1			
ICS	199	Independent Study	1	1						1			
CS	199V	Directed Studies	1	1		1							
ICS	199V	Directed Study	1	1								1	
ICS	199V	Ind/Directed Studies	1	1	1								
ICS	199V	Indepen Study	1	1									1
ICS	199V	Independent Study	1	1				1					
ICS	199V	Special Studies	1	1			1						
CS	200	Web Technology I	3	1		1							
CS	201	Web Technology II	3	1		1							
ICS	202	Internet Programming Skills	3	1			1						
ICS	205	Photoshop/Illustrator	3	1								1	
ICS	211	Intro Comp Sci II	3	1						1			

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ICS	211	Intro Computer Sci II	3	1								1	
ICS	211	Intro to Comp Science II	3	1			1						
ICS	211	Intro to Computer Science II	3	2				1			1		
ICS	211A	Intro to Computer Science II	3	1							1		
ICS	212	Program Structure	3	3				1		1	1		
CS	215	Discrete Mathematics	3	1		1							
ICS	215	Discrete Mathematics	3	1								1	
ICS	215	Network Administration	3	1			1						
ITS	215	Network Administration	3	1				1					
ITS	215	Network Administration	4	1	1			1					
ITS	220	Topics in Network Technologies	3	1				1					
CS	220	Business Data Processing	3	1		1							
ITS	220E	Business PC system maintenance/support and O	3	1				1					
ITS	220F	SmallBusWindowsServerAdmin	3	1				1					
ITS	221	Topics in System Development	3	1				1					
ITS	221	Advanced Computing Topics	3	1	1			1					
ITS	221B	Systems Analysis	3	1				1					
ITS	221C	Java Applications Programming	3	1				1					
ITS	221D	C++ Applications Programming I	3	1				1					
ITS	221E	Web Devel-Active Server Pages	3	1				1					
ITS	221F	Databases	3	1				1					
ITS	221H	Java Apps Programming II	3	1									
ITS	221J	C++ Apps Programming II	3	1									
ITS	221K	Project Management	3	1									
ITS	221M	Database Servicer Administration	3	1									
ITS	221N	Dynamic HTML	3	1									
ITS	221O	Game Programming I	3	1									
ITS	221P	Game Programming II	3	1									
ITS	221Q	Advanced Database Programming with VB	3	1									
ICS	227	Networking with TCP/IP & Unix	3	1			1						
ICS	240	Operating Systems	3	2			1			1			
ICS	241	Discrete Math For Comp Sci II	3	2			1			1			
ICS	241	Discrete Mathematics II	3	1							1		
ICS	250	Intro Obj-Orient Prog	3	1						1			
ICS	251	Adv Database Program	3	1						1			
ICS	251	Intro to Unix/Linux	4	1								1	
ICS	252	Unix/Linux System Admin	4	1								1	
ITS	255	Adv COBOL and Mainframe Apps	3	1									
ICS	258	Programming for HPC	3	1								1	
ICS	261	Intm Compter Graphics	3	1								1	
CS	266	Comp Org & Assembly Lang	3	1		1							
ICS	270	OC-System Analysis	3	1			1						
ICS	270	Systems Analysis	3	1						1			
ICS	275	High Perf Crmptg Clustrs	4	1								1	
ITS	284	Data Comm Fundamentals	3	1	1								
ICS	286	Applied System Analysis	3	1						1			
ICS	290	Netprep Intro Internet	3	1						1			
ICS	290V	Adv Topic: ICS	1	1								1	
ICS	291	Netprep Internetworking	3	1						1			
ICS	292	Netprep Processes	3	1						1			
ICS	293D	Cooperative Ed	3	1						1			
ICS	293V	Internship in ICS	1	1								1	
ICS	294	Netprep Net Anal & Des	3	1						1			
ICS	297	Adv Tools for the Info Age	3	1			1						
ICS	297B	Digital Imaging	3	1						1			
ICS	298	Special Topic in ICS	4	1								1	
ICS	299	Independent Study	1	1						1			
CS	299V	Directed Studies	1	1		1							
ICS	299V	Directed Study	1	1								1	
ICS	299V	Ind/Directed Studies	1	1	1								
ICS	299V	Independent Study	1	1				1					
ICS	299V	Special Studies	1	1			1						