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

Alpho	Numban	Trials		-	HAW				-		NAANI	MANII	\A/INI
	Number			+	HAVV	_	HON	KAP	KAU	LEE	MAN	MAU	WIN
CS	100	Prin Of Computer Sci	3	1		1	-	-					_
ICS	100	Comp Lit & Appl	3	1			-	-					1
ICS	100	Computing Lit & Apps	3	1						1			
ICS	100	Computing Literacy & Applns	4	1	1								
ICS	100	Computing Literacy & Appls	3	1	ļ		1					ļ	Ь—
ICS	100	Computing Literacy and App	3	1					1				
ICS	100	Computing Literacy and Apps	3	1				1					
ICS	100	Computing Literacy/Appl	3	1								1	
ICS	100B	Intro to Windows and the Web	1	1				1					
ICS	100BC	IntroWindowsWebWord&Powerpoint	2	1				1					
ICS	100C	Intro to Word and PowerPoint	1	1				1					
ICS	100D	Intro to Microsoft Excel	1	1				1					
ICS	100E	Comp Lit & Applications (CENT)	3	1			1						
ICS	100M	Comp Lit & Applications (Mfg)	3	1			1						
ICS	100T	Comp Lit & Appls (Trans)	3	1			1						
CS	101	Microcmptr Appletns Software	3	1		1							
ICS	101	Micro Computer Applcns	4	1	1								
ICS	101	Tools for Info Age	3	1						1			
ICS	101	Tools for Information Age	3	1	1		1					1	<u> </u>
ICS	101	Tools for Information Age	4	1		t	t	t	1				T
ICS	101	Tools for the Information Age	4	1		1	 	 	'		1		\vdash
ICS	101	Tools Info Age	3	1		1	 	 			l'	1	1
ICS	101A	Tools for the Information Age	4	1		1	1	1			1		L'
CS	1017		3	1	 	1					<u>'</u>	 	
		Microcmptr Apps for Sciences		_		1					-	4	-
ICS	102	Internet Resources	3	1								1	<u> </u>
ICS	102	Intro to Internet Resources	3	1			1	ļ. —					<u> </u>
ICS	102	The Internet	3	3	ļ			1		1		ļ	1
ITS	102	Information Technology Tools for Business	3	1				1					
ITS	103	Intro to Programming Process	3	1				1					
ITS	103	Intro to Programming Process	4	1	1			1					
ICS	104	Intro Net/Comp Sup	3	1									1
ITS	104	Small Business Networking	3	1				1					
ITS	104	Computer Hardware Support	4	1	1			1					
ICS	105B	Retrieval CRS-OP Sys	1	1	1							1	1
ICS	105C	Retrieval Crs-WP Skills	1	1									1
ICS	105D	RETRIVL CRS-OL COMM SK	1	1									1
ICS	105E	Ret Crs-Elec Ret Info	1	1		1							1
ICS	105F	Voice Input	1	1									1
ICS	105G	Microsoft PowerPoint	1	1									1
		Microsoft Word	2	+									+
ICS	105H		3	1		-	-	-		_			1
ICS	106	Database Fundamentals	3	1						1			<u> </u>
ICS	107	The Internet with Web Site Dev	3	1				_					1
ITS	108	Computer Software Support	3	1	1	ļ.,		1					<u> </u>
CS	110	Visual Basic Programming	3	1	ļ	1							
ICS	110	Intro Cmptr Programg	3	1		1						1	<u> </u>
ICS	110	Introduction to Programming	3	1		1	<u> </u>	<u> </u>		1			<u> </u>
ICS	111	Intro Comp Sci I	3	1				<u> </u>		1			<u> </u>
ICS	111	Intro Comp Sci I	4	1									1
ICS	111	Intro Computer Sci I	4	2					1			1	
ICS	111	Intro to Computer Science I	3	1				1					
ICS	111	Intro to Computer Science I	4	2			1				1		
ICS	111A	Intro to Computer Science I	4	1							1		
ICS	113	Database Fund	3	1		İ	Ì	Ì		1	ĺ		Ī
ICS	113	Database Fund	4	1		1	1	1					1
ICS	113	Database Fundamentals	3	1		1	1	1	1			1	t
ITS	113	Intro to SQL and Database Design	3	1		1	i –	1					\vdash
ICS	115	Microcomputer Applicatn	3	1		1	l –	Ė				1	\vdash
ICS	116	Cross-Media Publish Prt & Web	3	1		1	1	 				1	\vdash
ITS	118		_	1		1	1	1				1	\vdash
		Visual Basic for Business Apps	3		1	1-	1					-	₩
ITS	118	Visual Basic Progmng Bus. Apps	4	1	1	1	-	1			1		1
ICS	120	Spreadsht Fund	3	1		1	1	<u> </u>					1
ICS	120V	Projects Comp Sci and Prgrm	1	1		1	1	<u> </u>	1				<u> </u>
ITS	121	Computing Topics	3	1	1	1		1					<u> </u>
ICS	121C	Microcomp Topics	4	1				<u> </u>					1
ICS	121V	Microcomputer Topics	1	1	I	1			Ī	I	Ī	I	1

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

Alpha Number ICS 125 ICS 125 ICS 130 ICS 135 ICS 140 ICS 141 ICS 141 ICS 150 CS 151 ITS 151 ICS 151C ICS 151C ICS 151 ICS 160 ICS 160 ICS 163 ICS 164 ICS 184 ICS 184 ICS 184 ICS<	Comp Main/Repair Microcomputer Maintenance Elementary Basic Intro to Prgm Visual Basic Elem Oper Systems Discrete Math Comp Sci I Discrete Math for Com Sci I Discrete Math for CS I Intro To Computer Science Intro To Software Development Applied Database Prog using VB Applied Database Programming Intro C Programming Programming In C Programming in Java Structured Database Prg Methods in COBOL COBOL Web Site Development Elem Basic Elem Basic Lab Computer Graphics Desktop Publishing Intro Comp Sci I Fundamentals of Networking Netprep Network Fund Networking/Data Commun Network & Data Comm I	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 4 1 3 3 3 4 1 1 3 3 4 1 1 1 1	1 otal 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1	1 1 1	1 1 1	KAU	1 1 1 1 1 1	1	1 1	1 1
ICS	Microcomputer Maintenance Elementary Basic Intro to Prgm Visual Basic Elem Oper Systems Discrete Math Comp Sci I Discrete Math for Com Sci I Discrete Math for CS I Intro To Computer Science Intro To Software Development Applied Database Prog using VB Applied Database Programming Intro C Programming Programming In C Programming in Java Structured Database Prg Methods in COBOL COBOL Web Site Development Elem Basic Elem Basic Lab Computer Graphics Desktop Publishing Intro Comp Sci I Fundamentals of Networking Networking/Data Commun Network & Data Comm I	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1	1	1		1	1	1	
ICS	Elementary Basic Intro to Prgm Visual Basic Elem Oper Systems Discrete Math Comp Sci I Discrete Math for Com Sci I Discrete Math for CS I Intro To Computer Science Intro To Software Development Applied Database Prog using VB Applied Database Programming Intro C Programming Programming In C Programming in Java Structured Database Prg Methods in COBOL COBOL Web Site Development Elem Basic Elem Basic Lab Computer Graphics Desktop Publishing Intro Comp Sci I Fundamentals of Networking Netprep Network Fund Networking/Data Commun Network & Data Comm I	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1	1	1		1	1	1	1
ICS	Intro to Prgm Visual Basic Elem Oper Systems Discrete Math Comp Sci I Discrete Math for Cos I Discrete Math for CS I Intro To Computer Science Intro To Software Development Applied Database Prog using VB Applied Database Programming Intro C Programming Programming In C Programming in Java Structured Database Prg Methods in COBOL COBOL Web Site Development Elem Basic Elem Basic Lab Computer Graphics Desktop Publishing Intro Comp Sci I Fundamentals of Networking Netprep Network Fund Networking/Data Commun Network & Data Comm I	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1	1	1		1	1	1	1
ICS 135 ICS 140 ICS 141 ICS 141 ICS 150 CS 151 ITS 151 ITS 151 ICS 151C ICS 151C ICS 155 ITS 155 ITS 155 ITS 155 ITS 155 ITS 155 ITS 156 ICS 160 ICS 160 ICS 160 ICS 160 ICS 160 ICS 160 ICS 161 ICS 163 ICS 167 ICS 184 ICS 187 ICS 1890 ICS 190V ITS 193 ICS 193V ICS 193V ICS 197C	Visual Basic Elem Oper Systems Discrete Math Comp Sci I Discrete Math for Com Sci I Discrete Math for CS I Intro To Computer Science Intro To Software Development Applied Database Prog using VB Applied Database Programming Intro C Programming Programming In C Programming in Java Structured Database Prg Methods in COBOL COBOL Web Site Development Elem Basic Elem Basic Lab Computer Graphics Desktop Publishing Intro Comp Sci I Fundamentals of Networking Networking/Data Commun Network & Data Comm I	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1		1		1	1	1	1
ICS 140 ICS 141 ICS 141 ICS 141 ICS 150 CS 151 ITS 151 ITS 151 ICS 151C ICS 151C ICS 155 ITS 155 ITS 155 ITS 155 ITS 156 ICS 160 ICS 167 ICS 184 ICS 187 ICS 190V ICS 190V ITS 193 ICS 193V ICS 193V ICS 197C ICS 197F ICS 197F	Elem Oper Systems Discrete Math Comp Sci I Discrete Math for Com Sci I Discrete Math for CS I Intro To Computer Science Intro To Software Development Applied Database Prog using VB Applied Database Programming Intro C Programming Programming In C Programming in Java Structured Database Prg Methods in COBOL COBOL Web Site Development Elem Basic Elem Basic Lab Computer Graphics Desktop Publishing Intro Comp Sci I Fundamentals of Networking Netprep Network Fund Networking/Data Commun Network & Data Comm I	3 3 3 3 3 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1		1		1	1	1	1
ICS 141 ICS 141 ICS 141 ICS 150 CS 151 ITS 151 ITS 151 ICS 151C ICS 151Z ICS 155 ITS 155 ITS 155 ITS 155 ITS 160 ICS 160 ICS 161 ICS 163 ICS 167 ICS 184 ICS 187 ICS 190V ITS 193 ICS 193V ICS 193V ICS 197C	Discrete Math Comp Sci I Discrete Math for Com Sci I Discrete Math for CS I Intro To Computer Science Intro To Software Development Applied Database Prog using VB Applied Database Programming Intro C Programming Programming In C Programming in Java Structured Database Prg Methods in COBOL COBOL Web Site Development Elem Basic Elem Basic Lab Computer Graphics Desktop Publishing Intro Comp Sci I Fundamentals of Networking Netprep Network Fund Networking/Data Commun Network & Data Comm I	3 3 3 3 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1		1		1	1	1	1
ICS 141 ICS 141 ICS 150 CS 151 ITS 151 ITS 151 ICS 151C ICS 151Z ICS 155 ITS 155 ITS 155 ITS 155 ITS 160 ICS 160 ICS 160 ICS 161 ICS 163 ICS 167 ICS 184 ICS 187 ICS 190V ITS 193 ICS 193V ICS 193V ICS 197C ICS 197C ICS 197C ICS 197C ICS 197F ICS 197F ICS 197F	Discrete Math for Com Sci I Discrete Math for CS I Intro To Computer Science Intro To Software Development Applied Database Prog using VB Applied Database Programming Intro C Programming Programming In C Programming in Java Structured Database Prg Methods in COBOL COBOL Web Site Development Elem Basic Elem Basic Elem Basic Lab Computer Graphics Desktop Publishing Intro Comp Sci I Fundamentals of Networking Netprep Network Fund Networking/Data Commun Network & Data Comm I	3 3 3 3 3 4 3 3 3 3 3 3 3 4 1 1 3 3 3 3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1		1		1	1	1	
ICS 141 CS 150 CS 151 ITS 151 ITS 151 ICS 151C ICS 151Z ICS 155 ITS 155 ITS 155 ITS 157 ICS 160 ICS 1601 ICS 161 ICS 163 ICS 184 ICS 185 ICS 187 ICS 190V ITS 193 ICS 193V ICS 193V ICS 197C ICS 197C ICS 197C ICS 197F ICS 197F ICS 197F	Discrete Math for CS I Intro To Computer Science Intro To Software Development Applied Database Prog using VB Applied Database Programming Intro C Programming Programming In C Programming in Java Structured Database Prg Methods in COBOL COBOL Web Site Development Elem Basic Elem Basic Elem Basic Lab Computer Graphics Desktop Publishing Intro Comp Sci I Fundamentals of Networking Netprep Network Fund Networking/Data Commun Network & Data Comm I	3 3 3 3 4 3 3 3 3 3 3 4 1 1 3 3 3 4 4 1 3 3 3 4 4 1 3 3 3 4 4 3 3 4 4 4 4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1	1	1		1	1	1	
CS 150 CS 151 ITS 151 ITS 151 ICS 151C ICS 151Z ICS 155S ITS 155 ITS 155 ITS 157 ICS 160 ICS 160L ICS 161 ICS 163 ICS 167 ICS 184 ICS 187 ICS 1930	Intro To Computer Science Intro To Software Development Applied Database Prog using VB Applied Database Programming Intro C Programming Programming In C Programming in Java Structured Database Prg Methods in COBOL COBOL Web Site Development Elem Basic Elem Basic Lab Computer Graphics Desktop Publishing Intro Comp Sci I Fundamentals of Networking Netprep Network Fund Network & Data Comm I	3 3 3 4 3 3 3 3 3 3 3 4 1 1 3 3 3 4 4 1 3 3 4 4 3 3 3 4 4 3 3 3 4 4 4 4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1	1	1				1	
CS 151 ITS 151 ITS 151 ITS 151 ICS 151 ICS 151 ICS 155 ITS 155 ITS 155 ITS 156 ICS 160 ICS 160 ICS 161 ICS 163 ICS 184 ICS 185 ICS 187 ICS 190 ICS 193 ITS 193 ICS 197 ICS 1	Intro To Software Development Applied Database Prog using VB Applied Database Programming Intro C Programming Programming In C Programming in Java Structured Database Prg Methods in COBOL COBOL Web Site Development Elem Basic Elem Basic Lab Computer Graphics Desktop Publishing Intro Comp Sci I Fundamentals of Networking Netprep Network Fund Network & Data Comm I	3 3 4 3 3 3 3 3 3 3 4 1 1 3 3 3 4 4 1 3 3 4 4 4 3 3 3 3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1	1	1				1	
ITS	Applied Database Prog using VB Applied Database Programming Intro C Programming Programming In C Programming in Java Structured Database Prg Methods in COBOL COBOL Web Site Development Elem Basic Elem Basic Lab Computer Graphics Desktop Publishing Intro Comp Sci I Fundamentals of Networking Netprep Network Fund Networking/Data Commun Network & Data Comm I	3 4 3 3 3 3 3 3 3 3 4 1 3 3 3 4 4 4 3 3 3 4 4 4 3 3 3 4 4 4 4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1		1	1				1	
ITS	Applied Database Programming Intro C Programming Programming In C Programming in Java Structured Database Prg Methods in COBOL COBOL Web Site Development Elem Basic Elem Basic Lab Computer Graphics Desktop Publishing Intro Comp Sci I Fundamentals of Networking Netprep Network Fund Network & Data Comm I	3 3 3 3 3 3 3 3 4 1 3 3 4 4 3 3 4 4 3 4 4 4 3 4 4 4 4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1		1	1				1	
ICS 151C ICS 151J ICS 151J ICS 151J ICS 155 ITS 155 ITS 157 ICS 160 ICS 160L ICS 161 ICS 163 ICS 167 ICS 184 ICS 184 ICS 184 ICS 184 ICS 184 ICS 184 ICS 184 ICS 184 ICS 187 ICS 190V ITS 193 ICS 193V ICS 193V ICS 193V ICS 193V ICS 197C ICS 197F ICS 197F ICS 197F ICS 197F ICS 197F ICS 197F	Intro C Programming Programming In C Programming in Java Structured Database Prg Methods in COBOL COBOL Web Site Development Elem Basic Elem Basic Lab Computer Graphics Desktop Publishing Intro Comp Sci I Fundamentals of Networking Netprep Network Fund Networking/Data Commun	3 3 3 3 3 3 3 4 1 3 3 4 4 3 3 4 4 4 4 4	1 1 1 1 1 1 1 1 1 1 1 1 1 1			1	1				1	
ICS 151C ICS 151J ICS 151J ICS 155 ITS 155 ITS 157 ICS 160 ICS 160L ICS 161 ICS 163 ICS 167 ICS 184 ICS 184 ICS 184 ICS 184 ICS 184 ICS 184 ICS 184 ICS 184 ICS 184 ICS 187 ICS 190V ITS 193 ICS 193V ICS 193V ICS 193V ICS 193V ICS 197C ICS 197F ICS 197F ICS 197F ICS 197F ICS 197F	Programming In C Programming in Java Structured Database Prg Methods in COBOL COBOL Web Site Development Elem Basic Elem Basic Lab Computer Graphics Desktop Publishing Intro Comp Sci I Fundamentals of Networking Netprep Network Fund Networking/Data Commun	3 3 3 3 3 3 4 1 1 3 3 4 4 3 3 4 4 3	1 1 1 1 1 1 1 1 1 1 1 1			1	1				1	
ICS 151J ICS 151Z ICS 155 ITS 155 ITS 157 ICS 160 ICS 160L ICS 161 ICS 163 ICS 167 ICS 184 ICS 184 ICS 184 ICS 184 ICS 184 ICS 184 ICS 1840 ICS 187 ICS 190V ITS 193 ICS 193V ICS 193V ICS 197	Programming in Java Structured Database Prg Methods in COBOL COBOL Web Site Development Elem Basic Elem Basic Lab Computer Graphics Desktop Publishing Intro Comp Sci I Fundamentals of Networking Netprep Network Fund Networking/Data Commun	3 3 3 3 3 4 1 1 3 3 4 4 3 3 4 4	1 1 1 1 1 1 1 1 1 1 1			1	1				1	
ICS 151Z ICS 155 ITS 155 ITS 155 ITS 157 ICS 160 ICS 1601 ICS 161 ICS 163 ICS 167 ICS 184 ICS 184 ICS 184 ICS 184 ICS 184 ICS 1840 ICS 185 ICS 186 ICS 1930 ITS 193 ICS 1930 ICS 1930 ICS 1930 ICS 1937 ICS 1970 ICS 1977	Structured Database Prg Methods in COBOL COBOL Web Site Development Elem Basic Elem Basic Lab Computer Graphics Desktop Publishing Intro Comp Sci I Fundamentals of Networking Netprep Network Fund Networking/Data Commun Network & Data Comm I	3 3 3 3 4 1 3 3 4 3 4 4 3 4 4	1 1 1 1 1 1 1 1 1				1				1	
ICS 155 ITS 155 ITS 155 ITS 157 ICS 160 ICS 1601 ICS 161 ICS 163 ICS 167 ICS 184 ICS 184 ICS 184 ICS 1840 ICS 1840 ICS 1840 ICS 185 ICS 186 ICS 190V ITS 193 ICS 193V ICS 193V ICS 197C ICS 197C ICS 197C ICS 197E ICS 197F	Methods in COBOL COBOL Web Site Development Elem Basic Elem Basic Lab Computer Graphics Desktop Publishing Intro Comp Sci I Fundamentals of Networking Netprep Network Fund Networking/Data Commun Network & Data Comm I	3 3 3 4 1 3 3 4 3 4 3 4	1 1 1 1 1 1 1 1				1					
ITS	COBOL Web Site Development Elem Basic Elem Basic Lab Computer Graphics Desktop Publishing Intro Comp Sci I Fundamentals of Networking Netprep Network Fund Networking/Data Commun Network & Data Comm I	3 3 4 1 3 3 4 3 3 4	1 1 1 1 1 1 1 1				1		1			
ITS	Web Site Development Elem Basic Elem Basic Lab Computer Graphics Desktop Publishing Intro Comp Sci I Fundamentals of Networking Netprep Network Fund Networking/Data Commun Network & Data Comm I	3 4 1 3 3 4 3 3 4	1 1 1 1 1 1 1				1					
ICS 160 ICS 160L ICS 161 ICS 163 ICS 167 ICS 184 ICS 184 ICS 184 ICS 184 ICS 1840 ICS 1840 ICS 185 ICS 186 ICS 187 ICS 1930 ICS 1930 ICS 1937 ICS 1937 ICS 1970 ICS 1977	Elem Basic Elem Basic Lab Computer Graphics Desktop Publishing Intro Comp Sci I Fundamentals of Networking Netprep Network Fund Networking/Data Commun Network & Data Comm I	4 1 3 3 4 3 4 3	1 1 1 1 1 1				1					
ICS 160L ICS 161 ICS 163 ICS 167 ICS 184 ICS 184 ICS 184 ICS 184 ICS 1840 ICS 1840 ICS 185 ICS 186 ICS 187 ICS 1930 ICS 1930 ICS 1937 ICS 1937 ICS 1970 ICS 1977	Elem Basic Lab Computer Graphics Desktop Publishing Intro Comp Sci I Fundamentals of Networking Netprep Network Fund Networking/Data Commun Network & Data Comm I	1 3 3 4 3 3 4	1 1 1 1				1					<u> </u>
ICS 161 ICS 163 ICS 167 ICS 184 ICS 184 ICS 184 ICS 1840 ICS 1840 ICS 185 ICS 186 ICS 187 ICS 1930 ICS 1930 ICS 1937 ICS 1937 ICS 1970 ICS 1977	Computer Graphics Desktop Publishing Intro Comp Sci I Fundamentals of Networking Netprep Network Fund Networking/Data Commun Network & Data Comm I	3 4 3 3 4	1 1 1 1									1
ICS 163 ICS 167 ICS 184 ICS 184 ICS 184 ICS 184C ICS 184D ICS 185 ICS 186 ICS 187 ICS 190V ITS 193 ITS 193 ICS 193V ICS 193V ICS 197C ICS 197C ICS 197C ICS 197E ICS 197F	Desktop Publishing Intro Comp Sci I Fundamentals of Networking Netprep Network Fund Networking/Data Commun Network & Data Comm I	3 4 3 3 4	1 1 1									1
ICS 167 ICS 184 ICS 184 ICS 184 ICS 184C ICS 184C ICS 184D ICS 185 ICS 186 ICS 187 ICS 190V ITS 193 ITS 193 ICS 193P ICS 197C ICS 197C ICS 197C ICS 197E ICS 197F	Intro Comp Sci I Fundamentals of Networking Netprep Network Fund Networking/Data Commun Network & Data Comm I	4 3 3 4	1								1	
ICS 184 ICS 184 ICS 184 ICS 184 ICS 184C ICS 184D ICS 185 ICS 186 ICS 187 ICS 190V ITS 193 ITS 193 ICS 193P ICS 193P ICS 197C ICS 197C ICS 197D ICS 197E ICS 197F	Fundamentals of Networking Netprep Network Fund Networking/Data Commun Network & Data Comm I	3 4	1									1
ICS 184 ICS 184B ICS 184B ICS 184C ICS 184D ICS 185 ICS 186 ICS 190V ITS 193 ITS 193 ICS 193P ICS 193V ICS 197C ICS 197C ICS 197D ICS 197E ICS 197F	Netprep Network Fund Networking/Data Commun Network & Data Comm I	3										1
ICS 184 ICS 184B ICS 184C ICS 184C ICS 185 ICS 186 ICS 197 ICS 193V ITS 193 ITS 193P ICS 193V ICS 193V ICS 197C ICS 197C ICS 197E ICS 197F ICS 197F	Networking/Data Commun Network & Data Comm I	4	1			1						
ICS 184B ICS 184C ICS 184D ICS 185 ICS 186 ICS 197 ICS 1990 ITS 193 ITS 193 ICS 193P ICS 193V ICS 197 ICS 197C ICS 197C ICS 197E ICS 197E ICS 197F	Network & Data Comm I	4							1			
ICS 184C ICS 184D ICS 185 ICS 186 ICS 197 ICS 1990V ITS 193 ITS 193 ICS 193P ICS 193V ICS 197 ICS 197C ICS 197C ICS 197E ICS 197E ICS 197F		1	1								1	
ICS 184D ICS 185 ICS 186 ICS 187 ICS 190V ITS 193 ICS 193P ICS 193V ICS 197 ICS 197C ICS 197C ICS 197E ICS 197E ICS 197F	Network & Data Comm II	4	1						1			
ICS 185 ICS 186 ICS 187 ICS 190V ITS 193 ITS 193P ICS 193P ICS 193V ICS 197 ICS 197C ICS 197C ICS 197E ICS 197E ICS 197F		1	1						1			
ICS 186 ICS 197 ICS 190V ITS 193 ITS 193 ICS 193P ICS 193V ICS 197 ICS 197C ICS 197C ICS 197E ICS 197E ICS 197F	Network & Data Comm III	1	1						1			
ICS 187 ICS 190V ITS 193 ITS 193 ICS 193P ICS 193V ICS 197 ICS 197 ICS 197C ICS 197C ICS 197D ICS 197E ICS 197E	Netprep Local Area Net	3	1						1			
ICS 190V ITS 193 ITS 193 ICS 193D ICS 193P ICS 193V ICS 197 ICS 197E ICS 197C ICS 197D ICS 197E ICS 197F ICS 197F	Netprep Wide Area Net	3	1						1			
ITS 193 ITS 193 ICS 193D ICS 193P ICS 193V ICS 197 ICS 197 ICS 197C ICS 197C ICS 197D ICS 197E ICS 197F	Netprep TCP/IP Net Arch	3	1						1			
ITS 193 ICS 193P ICS 193V ICS 193V ICS 197 ICS 197 ICS 197C ICS 197C ICS 197D ICS 197E ICS 197E		1	1								1	
ICS 193D ICS 193V ICS 193V ICS 197 ICS 197E ICS 197C ICS 197D ICS 197D ICS 197E ICS 197F ICS 197F	Info Technology Internship	3	1				1					
ICS 193P ICS 193V ICS 197 ICS 197 ICS 197B ICS 197C ICS 197C ICS 197D ICS 197F ICS 197F	Coop Ed/Internship/Practicum	3	1	1			1					
ICS 193V ICS 193V ICS 197 ICS 197B ICS 197C ICS 197C ICS 197D ICS 197E ICS 197F	Cooperative Ed	3	1						1			
ICS 193V ICS 197 ICS 197B ICS 197C ICS 197C ICS 197D ICS 197E ICS 197F	Internship in ICS	1	1								1	
ICS 197 ICS 197B ICS 197C ICS 197C ICS 197D ICS 197E ICS 197F	Coop A&S Educ	1	1								1	
ICS 197B ICS 197C ICS 197C ICS 197D ICS 197E ICS 197F	Coop Ed	1	1									1
ICS 197C ICS 197C ICS 197D ICS 197E ICS 197F	Tech Sur Crse	1	1									1
ICS 197C ICS 197D ICS 197E ICS 197F	Intro to Windows and the Web	1	1				1					
ICS 197D ICS 197E ICS 197F	Intro to Word & PowerPoint	1	1				1					
ICS 197E ICS 197F	Programming in C	3	1						1			
ICS 197F		3	1						1			
		3	1						1			
		1	1									1
		3	1						1			
ICS 197I	Topics in Comp Sci	1	1						1			
ICS 197J		3	1						1			
ICS 197K		3	1						1			
ICS 197L		3	1						1			
ICS 199	Structured Cabling Systems	1	1						1			
CS 199V		1	1		1							
ICS 199V	Structured Cabling Systems Independent Study	1	1								1	
ICS 199V	Structured Cabling Systems Independent Study Directed Studies	1	1	1								
ICS 199V	Structured Cabling Systems Independent Study Directed Studies Directed Study	1	1									1
ICS 199V	Structured Cabling Systems Independent Study Directed Studies Directed Study Ind/Directed Studies	1	1		l		1					
ICS 199V	Structured Cabling Systems Independent Study Directed Studies Directed Study Ind/Directed Studies Indepen Study	4				1						
CS 200	Structured Cabling Systems Independent Study Directed Studies Directed Study Ind/Directed Studies Indepen Study Independent Study	1	1	1	1							
CS 201	Structured Cabling Systems Independent Study Directed Studies Directed Study Ind/Directed Studies Indepen Study Independent Study Special Studies	1 1 1	1		1							l –
ICS 202	Structured Cabling Systems Independent Study Directed Studies Directed Study Ind/Directed Studies Indepen Study Independent Study Special Studies Web Technology I	1 1 1 3	1						—			
ICS 205	Structured Cabling Systems Independent Study Directed Studies Directed Study Ind/Directed Studies Indepen Study Independent Study Special Studies Web Technology I Web Technology II	1 1 1 3 3	1		-	1						
ICS 211	Structured Cabling Systems Independent Study Directed Studies Directed Study Ind/Directed Studies Indepen Study Independent Study Special Studies Web Technology I	1 1 1 3	1			1					1	•

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
	211	Intro Computer Sci II	3	1								1	
	211	Intro to Comp Science II	3	1			1						
	211	Intro to Computer Science II	3	2				1			1		
ICS	211A	Intro to Computer Science II	3	1	1			<u>'</u>			1		
ICS	212	Program Structure	3	3	1			1		1	1		
CS	215	Discrete Mathematics	3	1		1		<u> </u>		-	<u>'</u>	 	
ICS	215	Discrete Mathematics	3	1		<u> </u>						1	
ICS				1			4					-	
	215	Network Administration	3				1	4				 	
ITS	215	Network Administration	3	1	_			1					
ITS	215	Network Administration	4	1	1			1					
ITS	220	Topics in Network Technologies	3	1				1				<u> </u>	
CS	220	Business Data Processing	3	1		1		ļ					
ITS	220E	Business PC system maintenance/support and O		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								1	
												 	
ITS	221N	Dynamic HTML	3	1								ł	
ITS	2210	Game Programming I	3	1									
ITS	221P	Game Programming II	3	1								<u> </u>	
ITS		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	
	266	Comp Org & Assembly Lang	3	1		1							
	270	OC-System Analysis	3	1			1						
ICS	270	Systems Analysis	3	1						1			
ICS	275	High Perf Cmptg Clustrs	4	1				1		•		1	
ITS	284	Data Comm Fundamentals	3	1	1	1		1				l'	
ICS	286	Applied System Analysis	3	1	-					1			
ICS	290	Netprep Intro Internet	3	1		-	-	1		1	 	1	
ICS	290V	Adv Topic: ICS	ა 1	1		-	-	1		-		1	
							 			1		-	
ICS	291	Netprep Internetworking	3	1				<u> </u>		1		1	
ICS		Netprep Processes	3	1			<u> </u>	 		1	<u> </u>	ļ	
ICS	293D	Cooperative Ed	3	1				<u> </u>		1		1	
ICS		Internship in ICS	1	1								1	
ICS	294	Netprep Net Anal & Des	3	1						1		ļ	
ICS	297	Adv Tools for the Info Age	3	1			1					<u> </u>	
ICS	297B	Digital Imaging	3	1						1			
ICS	298	Special Topic in ICS	4	1								1	
ICS	299	Independent Study	1	1						1			
.00		Directed Studies	1	1		1							
CS	299V	Directed Studies											
CS			1	1								1	
CS ICS	299V	Directed Study		1	1							1	
CS			1		1			1				1	