

Fall 2011 Schedule of Classes

Dpt:Crns	Section	Time	Days	Instructor	Bldg	Rm
810 COMPUTER SCIENCE						
CS 1000 021	Computing Skills and Concepts - 3 hrs.					
	Introduction to computers and how they work in the modern world. No programming required.					
	01	3:30-4:45	TTh	Barr	ITT	28
CS 1010 022	Microcomputer Applications and Systems Integration - 3 hrs.					
	This course is part of the Computer Applications certificate.					
	01	12:30-1:45	TTh	Jacobson	ITT	28
CS 1025 025	Computational Modeling and Simulation - 3 hrs.					
	No programming required. This course counts for credit in LAC Category 1C Quantitative Techniques and Understanding.					
	01	9:00-9:50	MWF	Jacobson	LNG	213
CS 1059 059	Introduction for Programming Environments for Education – 3 hrs.					
	Introduction to Scratch, LEGO Mindstorms, and Python programming as appropriate for use with students in a classroom. No programming experience required. Of special interest to students majoring in education.					
	01	2:00-2:50	MWF	Schafer	ITT	322
CS 1100 017	Web Development: Client-Side Coding - 3 hrs.					
	Client-side Web development adhering to recent/current Web standards. Includes by-hand Web page development involving basic HTML, CSS, data acquisition using forms, and JavaScript for data validation and simple Web-based tools. No programming experience required.					
	01	1:00-1:50	MWF	East	ITT	328
CS 1130 030	Visual BASIC Programming - 3 hrs.					
	Programming using the language Visual BASIC. Broad coverage of language syntax, programming practice, and programming problems appropriate to the novice or end-use programmer using a personal computer.					
	01	1:00-1:50	MWF	Holmes	ITT	28
CS 1160 036	C/C++ Programming - 3 hrs.					
	For non-majors. Also offered spring semester. No prior programming experience required.					
	01	12:00-12:50	MWF	O’Kane	ITT	328
CS 1410 041	Computer Organization - 3 hrs.					
	Prerequisite(s) or corequisite(s): 810:051 (CS 1510)					
	01	2:00-2:50	MWF	O’Kane	ITT	328
	02	2:00-3:15	TTh	Fienup	ITT	322
CS 1510 051	Introduction to Computing - 4 hrs.					
	01	10:00-10:50	MWF	Schafer	ITT	322
		+ 10:00-11:50	Tu lab		WRT	112
	02	11:00-12:15	TTh	Gray	ITT	328
		+ 10:00-11:50	W lab		WRT	112
CS 1520 052	Data Structures - 4 hrs.					
	Prerequisite(s) or corequisite(s): 810:080 (CS 1800).					
	01	11:00-11:50	MWF	McCormick	ITT	322
		+ 10:00-11:50	Th lab		WRT	112
	02	8:00-9:15	TTh	Fienup	ITT	322
30/40		+ 8:00-9:50	W lab		WRT	112
CS 1800 080	Discrete Structures - 3 hrs.					
	Prerequisite(s): 810:030 (CS 1130), 810:036 (CS 1160), or 810:051 (CS 1510).					
	01	9:00-9:50	MWF	McCormick	ITT	322
	02	12:30-1:45	TTh	Poleksic	ITT	328

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CS 2530 053	Intermediate Computing - 3 hrs. Prerequisite(s): 810:051 (CS 1510); 810:052 (CS 1520); 810:080 (CS 1800). 01	12:00-12:50	MWF	Schafer	ITT	322
CS 2650 165	Computing for Bioinformatics I – 3 hrs. Prerequisite(s): 810:036 (CS 1160) or 810:051 (CS 1510); 810:080 (CS 1800). 01	9:30-10:45	TTh	Poleksic	ITT	328
CS 2720 172	Software Engineering – 3 hrs. Prerequisite(s): 810:052 (CS 1520); 810:080 (CS 1800). 01	1:00-1:50	MWF	Hughes	ITT	322
CS 2880 088	Topics in Computing: Visual Effects, Animation, and Motion Graphics - 3 hrs. Adobe After Effects and Flash, principles of digital compositing, and special effects for film, video and web. No experience required. May be repeated on a different topic. 12	11:00-11:50	MWF	Jacobson	LNG	213
CS 3120 CS 5120 112	User Interface Design – 3 hrs. Prerequisite(s): for Computer Science majors: 810:053 (CS 2530); plus one of the following - 810:114 (CS 3140/CS 5140), 810:115 (CS 3150/CS 5150), 810:153 (CS 3530), 810:154 (CS 3540), 810:172 (CS 2720); junior standing. Prerequisite(s) for non-Computer Science majors: junior standing; consent of instructor. 01	11:00-11:50	MWF	East	ITT	328
CS 3140 114	Database Systems – 3 hrs. Prerequisite(s): 810:052 (CS 1520); 810:080 (CS 1800); junior standing. 01	10:00-10:50	MWF	O’Kane	ITT	328
CS 3470 CS 5470 147	Networking - 3 hrs. Prerequisite(s): 810:041 (CS 1410); 810:052 (CS 1520); 810:080 (CS 1800); junior standing. Prerequisites for Industrial Technology majors: 330:037 (TECH 1037); 330:041 (TECH 2041); 330:042 (TECH 2042); 810:036 (CS 1160). 01	8:00-9:15	TTh	Gray	ITT	322
CS 3540 154	Programming Languages & Paradigms – 3 hrs. Prerequisite(s): 810:052 (CS 1520); 810:080 (CS 1800). 01	12:30-1:45	TTh	Wallingford	ITT	322
CS 3810 CS 5810 181	Theory of Computation – 3 hrs. Prerequisite(s): 810:080 (CS 1800); junior standing. r 01	3:30-4:45	TTh	Poleksic	ITT	328
CS 4400 CS 5400 140	System Administration – 3 hrs. Prerequisite(s): 6 (CS 3470/CS 5470); junior standing. 01	2:00-3:15	TTh	Gray	ITT	328
CS 4880 CS 5880 188	Programming for Mobile Devices – 3 hrs. Prerequisite(s): 810:052 (CS 1520); 810:080 (CS 1800); junior standing. 01	9:00-9:50	MWF	Hughes	ITT	328
CS 6500 270	Algorithms Prerequisite(s): 810:153 (CS 3530). 01	11:00-12:15	TTh	Fienup	ITT	322