

SPRING 2011 SCHEDULE OF CLASSES

Dpt:Crs	Section	Time	Days	Instructor	Bldg	Rm	OPT/MAX
810 COMPUTER SCIENCE							
810:020	Computing for All -- 3 hrs. No credit available to Computer Science majors.						
	01	11:00-12:15	TTh	East	ITT	28	25/35
810:021	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	322	30/35
810:023	Microcomputer Systems -- 3 hrs. Prerequisite(s): 810:022 or any one-semester programming course. This course is part of the Computer Applications certificate.						
	01	9:30-10:45	TTh	Jacobson	ITT	28	30/40
810:025	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	MWF	Jacobson	ITT	322	30/35
810:030	Visual BASIC Programming -- 3 hrs.						
	01	11:00	MWF	Hughes	ITT	322	30/40
	02	1:00	MWF	Holmes	ITT	322	30/40
810:036	C/C++ Programming -- 3 hrs. Course presumes no prior programming experience. For non-majors. Also offered fall semester.						
	01	2:00	MWF	O'Kane	ITT	322	30/40
810:041	Computer Organization -- 3 hrs. Prerequisite(s) or corequisite(s): 810:051						
	01	11:00-12:15	TTh	Fienup	ITT	322	30/40
	02	12:00	MWF	O'Kane	ITT	322	30/40
810:051	Introduction to Computing -- 4 hrs.						
	01	1:00 + 1:00-2:50	MWF Th lab	McCormick	ITT WRT	328 112	20/30
	02	10:00 + 10:00-11:50	MWF Th lab	Schafer	ITT WRT	328 112	20/30
810:052	Data Structures -- 4 hrs. Prerequisite(s): 810:051. Prerequisite(s) or corequisite(s): 810:080.						
	01	9:00 + 8:00-9:50	MWF Th lab	McCormick	ITT WRT	328 112	25/35
	02	8:00-9:15 + 8:00-9:50	TTh W lab	Fienup	ITT WRT	322 112	25/35
810:053	Intermediate Computing -- 3 hrs. Prerequisite(s): 810:051; 810:052; 810:080.						
	01	12:00	MWF	Schafer	ITT	328	25/35
810:056	Media Computation -- 3 hrs. Introduction to representing and transforming digital media, such as images, sound, and video. No programming experience required. Of special interest to students majoring in Communications, Graphic Communications, Art, Music and other humanities disciplines.						
	01	2:00	MWF	Schafer	ITT	328	25/35
810:059	Topics in Computer Science: Server-Side Web Development Prerequisite(s): 810:017, or a programming course and familiarity with HTML& CSS. Uses PHP and databases to build interactive web sites.						
	01	2:00-3:15	TTh	East	ITT	28	25/35
810:080	Discrete Structures -- 3 hrs. Prerequisite(s): 810:030, 810:036, or 810:051.						
	01	9:30-10:45	TTh	Poleksic	ITT	328	30/40
	02	12:30-1:45	TTh	Poleksic	ITT	328	

810:088	Topics in Computer Science: 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 different topic.	---	11:00	MWF	Jacobson	Lang	213	30/40
810:115(g)	Information Storage and Retrieval -- 3 hrs. Prerequisite(s): 810:052; 810:080; junior standing.	01	10:00	MWF	O'Kane	ITT	322	25/35
810:141(g)	System Security -- 3 hrs. Prerequisite(s): 810:147; junior standing.	01	11:00-12:15	TTh	Gray	ITT	328	20/30
810:143(g)	Operating Systems -- 3 hrs. Prerequisite(s): 810:041; 810:052; 810:080; junior standing.	01	8:00-9:15	TTh	Gray	ITT	328	25/35
810:153	Design and Analysis of Algorithms -- 3 hrs. Prerequisite(s): 810:052; 810:080.	01	12:30-1:45	TTh	Fienup	ITT	322	25/35
810:162(g)	Intelligent Systems -- 3 hrs. Prerequisite(s): 810:053; 810:161 or equivalent; junior standing.	01	9:30-10:45	TTh	Wallingford	ITT	322	20/30
810:166(g)	Computing for Bioinformatics II -- 3 hrs. Prerequisite(s): 810:165; junior standing.	01	3:30-4:45	TTh	Poleksic	ITT	328	25/35
810:172(g)	Software Engineering -- 3 hrs. Prerequisite(s): 810:052; 810:080.	01	9:00	MWF	Hughes	ITT	28	25/35
810:174(g)	Real-Time Embedded Systems -- 4 hrs. Prerequisite(s): 810:053; 810:172; junior standing.	01	11:00 + 3:15-5:00	MWF T lab	McCormick	ITT WRT	328 112	20/30
810:240	Computer Systems -- 3 hrs. Prerequisite(s): for Computer Science majors: 810:142 or 810:143. Prerequisite(s) for non-Computer Science majors: proficiency in a high-level programming language; written consent of instructor.	01	2:00-3:15	TTh	Gray	ITT	328	25/35
CAPSTONE:								
CAP:140		---	4:00-5:50	T	East	ITT	28	0/0
CAP:140		---	4:00-5:50	W	East	ITT	28	0/0
CAP:140		---	4:00-5:50	Th	East	ITT	28	0/0