

Course	Units	In Charge	Title	Fall	Winter	Spring	Summer
210	4	Shang	Computer Architecture	J. Lewis Eskafi	Zaky Eskafi	T. Tran	J. Lewis
218	2	Shang	Input-Output Structures				
225	2	Holliday	Secure Coding in C and C++		Taguchi		
226	2	Holliday	System Certification and Accreditation				
233	4	Amouzgar	Computer Networks	Moataghd Moataghd	Moataghd	Moataghd	
234	2	Musurlian	Network Management				
238	2	Ling	Multimedia Information Systems			N. Lin	
239	4	Figueira	Network Design Analysis			Staff	
240	4	Fang/Ackerman	Machine Learning	Ackerman	Ackerman		
241	4	Fang	Cloud Computing		A. Gupta	M-H Wang	
242	4	Fang	Big Data				
243	4	Dezfouli	Internet of Things	Xiao		Dezfouli	
250	2	Liu	Information Security Management	Klaben	Klaben	Holliday	
252	4 + 1L	Liu	Computer Forensics (x-list with COEN 152)			Staff	
253	2	Holliday	Secure Systems Development and Evaluation				Staff
256	4	Holliday	Programming Languages				
259	4	Atkinson	Compilers				
260	4	Davis	Truth, Deduction, and Computation	Patryshev			
261	2	Davis	Structure and Interpretation of Computer Programs				
266	4	Fang/Ackerman	Artificial Intelligence			Conner	
268	4	Dezfouli	Mobile Application Development		Eskafi	Eskafi Eskafi	
271	4	Davis	Automata, Computability, and Complexity				
272	4	Fang	Web Search and Information Retrieval		Fang		
275	4	Mikkilineni	Object-Oriented Analysis, Design, and Programming		Cotran	Cotran	
277	4	Fang	User Experience Research and Design				
278	4	Fang	Advanced Web Programming	Y. Wang		Y. Wang	
279	4	Shang	Design and Analysis of Algorithms	N. Tran K. Liu H. Vu	L. Liu Y. Wang Y. Wang	Staff K. Liu	L. Liu
280	4	Holliday	Database Systems	Moazzeni	Moazzeni	Moazzeni	
281	4	Holliday	Pattern Recognition and Data Mining	M-H Wang	Sumarsono	M-H Wang	M-H Wang
283	4	Amer	Operating Systems	Eskafi Eskafi	Eskafi	Eskafi	
284	2	Holliday	Operating Systems Case Study				
285	4	Atkinson	Software Engineering	Cotran			
286	2	Atkinson	Software Quality Assurance and Testing		Jarvis	Jarvis	
287	2	Atkinson	Software Development Process Management	Kurczveil	Kurczveil	Kurczveil	
288	2	Atkinson	Software Ethics	Green	Green	Green	
290	4	Ling	Computer Graphics (x-list with COEN 148)	Y. Wang			
296	2-4	Ling	Special Topics		M-H Wang	Ackerman	
307	2	Shang	Digital Computer Arithmetic				
313	4	Shang	Advanced Computer Architecture	Zaky		Zaky	
315	2	Figueira	Web Architecture and Protocols		Elkady		
316	2	Figueira	Web Services (discontinued)				
317	4	Holliday	Distributed Systems		Moazzeni	Holliday	
318	4	Shang	Parallel Computation Systems				
319	4	Shang	Parallel Programming (x-list with COEN 145)				
320	4	Figueira	Computer Performance Evaluation				Staff
329	4	Figueira	Network Technology	Moataghd			
331	4	Holliday	Wireless and Mobile Networks		Moataghd	Moataghd	Moataghd
332	4	Holliday	Wireless/Mobile Multimedia Networks			Moataghd	
335	2	Figueira	High-Performance Networks		Moataghd	Moataghd	
337	2	Amer	Internet Architecture and Protocols			Staff	
338	4	Ling	Image and Video Compression		Ling		
339	2	Ling	Audio and Speech Compression				
350	2	Liu	Network Security			Staff	

351	2+1L	Amer	Internet and E-Commerce Security				
359	4	Mikkilineni	Design Patterns				Staff
379	4	Shang	Advanced Design and Analysis of Algorithms		N. Tran	N. Tran	
380	4	Holliday	Advanced Database Systems	Ezzat			
383	4	Amer	Advanced Operating Systems	Ezzat	Ezzat		
385	2	Davis	Formal Methods in Software Engineering		Patryshev		
386	2	Davis	Software Architecture			Cotran	
389	2	Figueira	Energy-Efficient Computing			Figueira	
396	2-4	Ling	Special Topics				
485	2	Davis	Software Engineering Capstone	Kurczveil	Kurczveil	Kurczveil	
912C	2	Ling	Abstract Data Types and Data Structures	Fussell			
920C	2	Ling	Embedded Systems and Assembly Language		Fussell		
921C	2	Ling	Introduction to Logic Design	Fussell			
Total		All	Total Number of Classes	27	30	34	7