



Faculty of Computing and Information Technology

ELECTIVE COURSE LIST

قائمة المواد الاختيارية
كلية الحاسبات و تقنية المعلومات

المواد الاختيارية لعلوم الحاسب

Code	Course Title	Credits	Prerequisite
CPCS 425:	Information Security	3	CPCS-361, CPCS-371
CPCS 463:	Computing Systems Security	3	CPCS-361, CPCS-371
CPCS 464:	Dependable Computing	3	-
CPCS 494:	Selected Topics	3	-
CPCS 432:	Artificial Intelligence (II)	3	CPCS-331
CPCS 433:	Artificial Intelligence Topics	3	CPCS-331
CPCS 482:	Multimedia & UI Design	3	CPCS-381
CPCS 494:	Selected Topics	3	-
CPCS 403:	Internet Application Programming	3	CPCS-371, CPCS-324
CPCS 466:	System Programming	3	CPCS-361
CPCS 494:	Selected Topics	3	-
CPCS 405:	Software Technology Topics	3	CPCS-351
CPCS 372:	Computer Network (II)	3	CPCS-371
CPCS 473:	Computer Network Practice	3	CPCS-371
CPCS 474:	TCP/IP & Web Networking	3	CPCS-371
CPCS 413:	Computer Architecture (II)	3	CPCS-214
CPCS 414:	High Performance Computing	3	CPCS-361
CPCS 494:	Selected Topics	3	-
CPCS 353:	Software Engineering Practices	3	CPCS-351
CPCS 404:	Component-Based Computing	3	CPCS-351
CPCS 454:	Object-Oriented Analysis & Design	3	CPCS-351
CPCS 457:	Software Engineering Theory	3	CPCS-351



Information Security



Intelligent Systems



Advanced Computer Programming



Network Computing



High Performance Computing



Software Engineering

المواد الاختيارية لتقنية المعلومات

Code	Course Title	Credits	Prerequisite
CPIT 375:	Data Network Design and Evaluation	3	CPIT-370
CPIT 475:	Wireless Data Networks	3	CPIT-370
CPIT 340:	Database (II)	3	CPIT-240
CPIT 440:	Data Mining and Warehousing	3	CPIT-240
CPIT 445:	Knowledge Engineering	3	CPIT-440
CPIT 455:	Software Engineering (II)	3	CPIT-251
CPIT 456:	Software Economics	3	CPIT-251
CPIT 430:	Decision Support Systems	3	CPIT-330
CPIT 436:	E-Buisness Technology	3	CPIT-435
CPIT 480:	Fundamentals of Instructional Techniques	3	CPIT-380
CPIT 485:	User-Centered System Design	3	CPIT-280
CPIT 490:	Selected Topics in IT*	3	-



Network



Software Engineering



Database



College Free

المواد الاختيارية لنظم المعلومات

Code	Course Title	Credits	Prerequisite
CPIS 382:	Dev of E-Systems & Interface Design	3	CPIS-358
CPIS 483:	E-Systems Applications	3	CPIS-380
CPIS 486:	E-Business Strategies	3	CPIS-380
CPIS 363:	Intelligent Systems	3	CPIS-250
CPIS 490:	Selected Topics in IS*	3	-
CPIS 320:	Decision Support Systems and Theory	3	CPIS-220, CPIS-250
CPIS 420:	Techniques of Decision Support Systems	3	CPIS-320
CPIS 424:	Modeling and Simulations	3	CPIS-250
CPIS 363:	Intelligent Systems	3	CPIS-250
CPIS 490:	Selected Topics in IS*	3	-
STAT 217:	Introduction to Quantitative Analysis	4	STAT-210
ACCP 334:	Business Analysis	2	MRKT-260
STAT 260:	Operations Research	4	STAT-210
CPIS 330:	Advanced Project & Quality Management	3	CPIS-334, CPIS-357
CPIS 340:	Database Management Systems (II)	4	CPIS-240
CPIS 350:	Systems Design Patterns	3	CPIS-250
CPIS 356:	SW Metrics and Economics	3	CPIS-250
CPIS 360:	Advanced Information Systems Technologies	3	CPIS-240
CPIS 430:	IS Change Management	3	CPIS-330
CPIS 444:	Knowledge Management	3	CPIS-240
CPIS 461:	Business Information Systems	3	CPIS-360
CPIS 462:	Information Systems Applications	3	CPIS-461
CPIS 464:	Distributed Systems	3	CPIS-370
CPIS 465:	Geographical Information Systems	3	CPIS-220, CPIS-250
CPIS 466:	Office Automation Systems	3	MRKT-260, CPIS-351
CPIS 472:	Data Networks Design & Management	3	CPIS-370



E-System Development



Decision Support Systems



College Free