



# 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	4	CPCS-361, CPCS-371
CPCS 463:	Computing Systems Security	4	CPCS-361, CPCS-371
CPCS 464:	Dependable Computing	4	-
CPCS 494:	Selected Topics	4	-
CPCS 432:	Artificial Intelligence (II)	4	CPCS-331
CPCS 433:	Artificial Intelligence Topics	4	CPCS-331
CPCS 482:	Multimedia & UI Design	4	CPCS-381
CPCS 494:	Selected Topics	4	-
CPCS 403:	Internet Application Programming	4	CPCS-371, CPCS-324
CPCS 466:	System Programming	4	CPCS-361
CPCS 494:	Selected Topics	4	-
CPCS 405:	Software Technology Topics	4	CPCS-351
CPCS 372:	Computer Network (II)	4	CPCS-371
CPCS 473:	Computer Network Practice	4	CPCS-371
CPCS 474:	TCP/IP & Web Networking	4	CPCS-371
CPCS 413:	Computer Architecture (II)	4	CPCS-214
CPCS 414:	High Performance Computing	4	CPCS-361
CPCS 494:	Selected Topics	4	-
CPCS 353:	Software Engineering Practices	4	CPCS-351
CPCS 404:	Component-Based Computing	4	CPCS-351
CPCS 454:	Object-Oriented Analysis & Design	4	CPCS-351
CPCS 457:	Software Engineering Theory	4	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	4	CPIT-370
CPIT 475:	Wireless Data Networks	4	CPIT-370
CPIT 340:	Database (II)	4	CPIT-240
CPIT 440:	Data Mining and Warehousing	4	CPIT-240
CPIT 445:	Knowledge Engineering	4	CPIT-440
CPIT 455:	Software Engineering (II)	4	CPIT-251
CPIT 456:	Software Economics	4	CPIT-251
CPIT 430:	Decision Support Systems	4	CPIT-330
CPIT 436:	E-Buisness Technology	4	CPIT-435
CPIT 480:	Fundamentals of Instructional Techniques	4	CPIT-380
CPIT 485:	User-Centered System Design	4	CPIT-280
CPIT 490:	Selected Topics in IT*	4	-



Network



Software Engineering



Database



College Free



# المواد الاختيارية لنظم المعلومات

Code	Course Title	Credits	Prerequisite
CPIS 382:	Dev of E-Systems & Interface Design	4	CPIS-358
CPIS 483:	E-Systems Applications	4	CPIS-380
CPIS 486:	E-Business Strategies	4	CPIS-380
CPIS 363:	Intelligent Systems	4	CPIS-250
CPIS 490:	Selected Topics in IS*	4	-
CPIS 320:	Decision Support Systems and Theory	4	CPIS-220, CPIS-250
CPIS 420:	Techniques of Decision Support Systems	4	CPIS-320
CPIS 424:	Modeling and Simulations	4	CPIS-250
CPIS 363:	Intelligent Systems	4	CPIS-250
CPIS 490:	Selected Topics in IS*	4	-
STAT 217:	Introduction to Quantitative Analysis	5	STAT-210
ACCP 334:	Business Analysis	3	MRKT-260
STAT 260:	Operations Research	5	STAT-210
CPIS 330:	Advanced Project & Quality Management	4	CPIS-334, CPIS-357
CPIS 340:	Database Management Systems (II)	5	CPIS-240
CPIS 350:	Systems Design Patterns	4	CPIS-250
CPIS 356:	SW Metrics and Economics	4	CPIS-250
CPIS 360:	Advanced Information Systems Technologies	4	CPIS-240
CPIS 430:	IS Change Management	4	CPIS-330
CPIS 444:	Knowledge Management	4	CPIS-240
CPIS 461:	Business Information Systems	4	CPIS-360
CPIS 462:	Information Systems Applications	4	CPIS-461
CPIS 464:	Distributed Systems	4	CPIS-370
CPIS 465:	Geographical Information Systems	4	CPIS-220, CPIS-250
CPIS 466:	Office Automation Systems	4	MRKT-260, CPIS-351
CPIS 472:	Data Networks Design & Management	4	CPIS-370



E-System Development



Decision Support Systems



College Free