



教學卓越計畫

Teaching Excellence and Learning Autonomy

A6-3-1 課程網頁國際化之建置－課程規劃

系所：資訊與通訊系

學程：碩士

Department of Information and Communication Engineering

Graduate Course Requirement

(For the students of day's division admitted in 2008 academic year)

Code	Core courses	Credit	Year	Semester
FC5001	Research Methodology	1	1	1
FC5002	Technical Writing	2	1	1
	Speeches in Information Technology	0	1	1
	Speeches in Information Technology	0	1	2
FC5003	Seminar I	1	1	2
FC5004	Seminar II	1	2	1
FC5005	Seminar III	1	2	2
	Total :	6		
Code	Elective courses	Credit		
FC5401	Cryptography	3	1	1
FC5402	Mobile Communication	3	1	1
FC5403	Operating System	3	1	1
FC5404	Digital Communications	3	1	1
FC5405	Numerical Analysis	3	1	1
FC5406	Random Process	3	1	1
FC5407	Microwave Circuit	3	1	1
FC5408	Advanced Computer Networks	3	1	1
FC5409	Network Programming	3	1	1
FC5410	Digital Filter Design	3	1	1
FC5411	Radio Frequency Circuit Analysis and Design	3	1	1
FC5412	Wireless Communication Networks	3	1	1
FC5413	Mobile Communication	3	1	2
FC5414	Digital Signal Processing	3	1	2
FC5415	Technique on Wireless Networking	3	1	2
FC5416	High Speed Networking	3	1	2
FC5417	Networking Security	3	1	2
FC5418	Network Performance Analysis and Simulation	3	1	2
FC5419	Neural Networks and Its Applications	3	1	2
FC5420	Detection and Estimation	3	1	2
FC5421	Network Voice Phone Systems	3	1	2
FC5422	Advanced Network Programming	3	1	2
FC5423	Queuing Theory	3	1	2
FC5424	Source Coding	3	1	2
FC5425	Multimedia Information Processing and Classification	3	1	2

FC5426	Wireless communication systems	3	2	1
FC5427	Broadband Network	3	2	1
FC5428	Adaptive Signal Processing	3	2	1
FC5429	Protocol Engineering	3	2	1
FC5430	Multimedia Communications	3	2	1
FC5431	Distributed Systems	3	2	1
FC5432	Embedded systems	3	2	1
FC5433	Algorithms	3	2	1
FC5434	Real Time System Design	3	2	2
FC5435	Integral Circuit Design	3	2	2
FC5436	Wireless Sensor Networks	3	2	2
FC5437	Spread Spectrum Communication	3	2	2
FC5438	Personal Communication System	3	2	2
FC5439	Error Control Coding	3	2	2
FC5440	Advanced Digital Communications	3	2	2
FC5441	Wireless network technologies: principles, protocols and applications	2	2	2
FC5801	Special Topic on Wireless Network	1	1	1
FC5802	Special Topics on Communications	1	1	1
FC5803	Special Topics on Data Security	1	1	1
FC5804	Special Topic on Signal Processing	1	1	1
FC5805	Special Topic on Multimedia Applications	1	2	1
FC5806	Special Topics on Spread Spectrum Communications	1	2	1
FC5807	Special Topics on Network Security	1	2	1
FC5808	Special Topic on Digital Signal Processing	1	2	1
FC5809	Special Topics on Broadband Network	1	2	1
FC5810	Special Topics on Digital Communications	1	2	1
FC5811	Special Topics on e-business Security	1	2	1
FC5812	Special Topic on Digital Signal Filters	1	2	1
FC5813	Special Topics on Next Generation Network	1	2	2
FC5814	Special Topics on Mobile Communications	1	2	2
FC5815	Special Topics on Multimedia Security	1	2	2
FC5816	Special Topic on Adaptive Signal Processing	1	2	2
	Total :	138		

University Requirements	
Core courses	6 courses 6 credits
Elective courses	Minimum elective 24 credits
Total requirement	36credits