

Department of Electronic and Information Engineering
EIE Subjects to be offered in 2008/2009 *(Subject to change by the Department)*

Code	Subject	Term	Core / Elective	Subject Lecturer(s) (Tentative)	Class
EIE218	Analog and Digital Communications(A&DC)	1	CORE	Tam,Wai-Yip(Dr)	BScFIT D2
EIE225	Introduction to Electronics and Multimedia Technologies(IEM)	1	CORE	Lo,King-Chuen, Ken(Dr)	IMT D1, IMT FDG2
EIE251	Electronic Circuits I(EC1)	1	CORE	Chung,Kwok-Lun, Alan(Dr)	EIE HD1
EIE261	Logic Design(LD)	1	CORE	Li,Wai-Sang(Dr)	EIE HD1
EIE304	Electronic Circuits(EC)	1	CORE	Tse,Chi-Kong, Michael(Prof.), Chow,Hoi-Lam, Martin(Dr)	EIE Adv D2F, EIE D2, EIE AEI 2, AP/EIEDD, DD(Engg/Buss), EIE FDG3
EIE306	IC Technology & Processes(IC T&P)	1	Core / Elective	Li,Wai-Sang(Dr)	EngD(E), EIE Adv D2F(C), D1 & D2(C), D3F & FDG3(C)
EIE311	Computer System Fundamentals(CSF)	1	CORE	Chan,Yuk-Hee, Chris(Dr)	EIE Adv D2F, D1 & D2, EIE AEI 2 & AEI FDG3, AP/EIEDD, DD(Engg/Buss), EIE FDG3
EIE311	Computer System Fundamentals(CSF)	1	CORE	Chi,Zheru, George(Dr)	IMT D2, IMT FDG3
EIE320	Object-Oriented Design and Programming(OODP)	1	CORE	Cheung,Chi-Chung, Lawrence(Dr)	EIE Adv D2F, EIE D2 & D3F, IMT D2, DD(Engg/Buss), EIE FDG3, IMT FDG3
EIE325	Telecommunication Technologies(TT)	1	CORE	Yuen,Chau(Dr)	IMT D2, IMT Adv D2F & FDG3
EIE331	Communication Fundamentals(CF)	1	CORE	Leung,Chi-Kin(Dr)	EIE Adv D2F, EIE D2 & AEI 2, AP/EIEDD, DD(Engg/Buss), EIE FDG3
EIE351	Analogue and Digital Integrated Circuits(ADIC)	1	CORE	Chung,Kwok-Lun, Alan(Dr)	EIE HD2
EIE373	Microcontroller Systems and Interface(MSI)	1	CORE	Ip,Kee-Ping, Kelvin(Mr)	EIE HD2
EIE381	Communication Fundamentals(CF)	1	CORE	Lee,Wah-Ching(Mr)	EIE HD2
EIE402	Power Electronics(PENC)	1	ELECTIVE	Ioinovici,Adrian(Prof.)	EngD, EIE Adv D2F & D2, EIE D3F & D4, AP/EIEDD, RS, SF MEng, EIE FDG4
EIE414	Computer Architecture and Systems(CA&S)	1	ELECTIVE	Sham,Chiu-Wing(Dr)	EngD, EIE Adv D2F & FDG4, EIE D3F & D4, IMT D3F & Adv D2F, AP/EIEDD, IMT D4 & FDG4, IMT D3I, EIE D3I
EIE428	Multimedia Communications(MC)	1	ELECTIVE	Lo,Kwok-Tung(Dr)	IMT D3F & FDG4, IMT D3I, IMT Adv D2F, BScFIT D3, BScSIT D4
EIE432	Web Systems and Technologies(WS&T)	1	ELECTIVE	Law,Ngai-Fong, Bonnie(Dr)	IMT D3F, IMT Adv D2F & FDG4
EIE435	Image and Audio Processing(IAP)	1	ELECTIVE	Kwan,HK(Prof.)	EIE Adv D2F & FDG4, EIE D3F & D4, IMT D3F & 4, IMT Adv D2F & FDG4
EIE447	Mobile Communications(MCOM)	1	ELECTIVE	Wong,Kai-Nam, Thomas(Dr)	EIE Adv D2F & D2, EIE D3F & D4, EIE D3I, RS, SF MEng, EIE FDG4
EIE448	Bioengineering Signals and Systems(BSS)	1	ELECTIVE	Small,Michael(Dr)	EIE D3F & D4, SF MEng, EIE FDG4
EIE450	Nanoscience and Technology for Electronic Engineering(NSTEE)	1	ELECTIVE	Woo,Chung-Ho(Prof.)	EIE Adv D2F & FDG4, EIE D3F & D4
EIE522	Pattern Recognition: Theory and Applications(PRTA)	1	ELECTIVE	Guan,Ling(Prof.)	EngD, SF MScEIE, MScEIE, SF PgDEIE, RS, SF MEng
EIE528	Digital Data Transmission(DDT)	1	ELECTIVE	Hau,Sau-Fat, Simon(Dr)	EngD, SF MScEIE, MScEIE, SF PgDEIE, RS, SF MEng
EIE558	Speech Processing and Recognition(SP&R)	1	ELECTIVE	Mak,Man-Wai(Dr)	EngD, SF MScEIE, MScEIE, SF PgDEIE, RS, SF MEng

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EIE559	CDMA Spread Spectrum Communications and Its Applications(CDMA)	1	ELECTIVE	Lau,Chung-Ming, Francis(Dr)	EngD, SF MScEIE, MScEIE, SF PgDEIE, RS, SF MEng
EIE576	Information Technology in Biomedicine(ITB)	1	ELECTIVE	Feng,Dagan, David(Prof.)	EngD, SF MScEIE, MScEIE, SF PgDEIE, RS, SF MEng
ENG1001	Foundation Year Seminar 1(FYS1)	1	ELECTIVE	Chow,Hoi-Lam, Martin(Dr)	IMT FDG1, EIE FDG1
ENG224	Information Technology(IT)	1	CORE	Hau,Sau-Fat, Simon(Dr), Small,Michael(Dr), Comp Staff	EIE D1 & FDG2, ME D1, ISE D1, AP D1, IMT D1 & FDG2, DD(Engg/Buss), EE D1
ENG237	Basic Electricity and Electronics I(BEE1)	1	CORE	Lai,Yuk-Ming(Dr)	AP D1, EIE D1 & FDG2, ME D1, ISE D1
ENG241	Fundamental of Electrical and Electronic Engineering(FEEE)	1	CORE	TAN,Siew-Chong(Dr), EE Staff	AP HD1
ENG403	Society and the Engineer(SE)	1	CORE	Lo,King-Chuen, Ken(Dr)	DD
EIE264	Computer Programming(CP-HD)	1&2	CORE	Cheung,Chi-Chung, Lawrence(Dr)	EIE HD1
ENG236	Computer Programming(CP-Deg)	1&2	CORE	Leung,Hung-Fat, Frank(Dr)	EIE D1, IMT D1, DD(Engg/Buss), EIE FDG2, IMT FDG2, ME D1, BME D1
EIE210	Electronics Design(ED)	2	CORE	Chow,Hoi-Lam, Martin(Dr)	IMT D1, IMT FDG2
EIE211	Logic Design(LD)	2	CORE	Leung,Hung-Fat, Frank(Dr), Tam,Wai-Yip(Dr)	EIE D1, AP/EIEDD, DD(Engg/Buss), EIE FDG2
EIE214	Introduction to Logic Design(ILD)	2	CORE	Sham,Chiu-Wing(Dr)	IMT D1, IMT FDG2
EIE239	Communication Fundamentals(CF)	2	CORE	Hau,Sau-Fat, Simon(Dr)	BScFIT D1
EIE252	Electronic Circuits II(EC2)	2	CORE	TAN,Siew-Chong(Dr), Wong,Siu-Chung(Dr)	EIE HD1
EIE258	Electronic Design Practice(PRAC)	2	CORE	Chung,Kwok-Lun, Alan(Dr)	EIE HD1
EIE282	Information Technology(IT)	2	CORE	Wang,Mu-Zhong(Dr)	EIE HD1
EIE305	Integrated Analogue and Digital Circuits(IADC)	2	Core / Elective	Sham,Chiu-Wing(Dr), Wong,Siu-Chung(Dr)	AP/EIEDD(C), EIE Adv D2F & FDG3(E), EIE D1 & D2(E), EIE D3F & D4(E)
EIE309	Microelectronic Devices(MED)	2	Core / Elective	Li,Wai-Sang(Dr)	AP D3(E), AP/EIEDD(C)
EIE312	Linear Systems(LIN)	2	CORE	Lam,Kin-Man, Kenneth(Dr), Yu,Xyhuo(Prof.)	EIE D1, AP/EIEDD, DD(Engg/Buss), EIE FDG2 & AEI 1
EIE322	Interface and Embedded Systems(IES)	2	Core / Elective	Ip,Kee-Ping, Kelvin(Mr)	EIE D1 & D2(C), EIE D3F & Adv D2F(C), EIE D4(E), REC D2(E), AP/EIEDD(C), EIE FDG3(C), DD(Engg/Buss)(E)
EIE322	Interface and Embedded Systems(IES)	2	CORE	Sham,Chiu-Wing(Dr)	IMT D2, IMT FDG2
EIE325	Telecommunication Technologies(TT)	2	CORE	Tam,Wai-Yip(Dr)	BScFIT D2
EIE328	Digital Signal Processing for Multimedia Applications(DSPMA)	2	Core / Elective	Law,Ngai-Fong, Bonnie(Dr)	IMT D2(C), IMT Adv D2F & FDG2(C), BScFIT D3(E), BScSIT D4(E)
EIE329	Integrated Project(IP)	2	CORE	To,Tsun-Ping, Jimmy(Dr)	EIE D1 & D2, EIE FDG3
EIE330	Integrated Project(IP)	2	CORE	To,Tsun-Ping, Jimmy(Dr)	AP/EIEDD
EIE333	Data and Computer Communications(D&CC)	2	CORE	Wang,Mu-Zhong(Dr)	EIE Adv D2F, EIE D2 & FDG3, AP/EIEDD, DD(Engg/Buss)
EIE338	Applied Electromagnetics(AEMC)	2	CORE	Tam,Wai-Yip(Dr)	EIE Adv D2F, EIE D1, EIE D2, DD(Engg/Buss), EIE FDG3
EIE341	Signals and Systems(S&S)	2	CORE	Law,Ngai-Fong, Bonnie(Dr)	IMT D1, IMT FDG2
EIE342	Computer Networks(CN)	2	CORE	Wang,Mu-Zhong(Dr)	IMT D2, IMT D3F
EIE360	Integrated Project(IP)	2	CORE	Lun,Pak-Kong, Daniel(Dr)	IMT D2

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EIE361	Computer System Fundamentals(CSF)	2	CORE	Ip,Kee-Ping, Kelvin(Mr)	EIE HD2
EIE362	Linear Systems(LIN)	2	CORE	Lee,Wah-Ching(Mr)	EIE HD1
EIE374	Signal Processing Applications(SPA)	2	ELECTIVE	Lo,King-Chuen, Ken(Dr)	EIE HD2
EIE375	Object-Oriented Design and Programming(OODPROG)	2	ELECTIVE	Cheung,Chi-Chung, Lawrence(Dr)	EIE HD2
EIE378	Semiconductor Optoelectronic Devices(SOD) (new subj.)	2	CORE	Surya,Charles(Prof.)	AP D2
EIE380	Web-based Multimedia(Web-BM)	2	ELECTIVE	Chan,Yui-Lam(Dr)	EIE HD2
EIE399	Data Communications(DC)	2	ELECTIVE	Lo,Kwok-Tung(Dr)	EIE HD2
EIE401	VLSI & Computer-Aided Circuit Design(VLSI)	2	ELECTIVE	Lai,Yuk-Ming(Dr)	EIE Adv D2F & FDG4, EIE D3F & D4, AP/EIEDD, RS, SF MEng
EIE408	Principles of Virtual Reality(PVR)	2	ELECTIVE	Li,Chi-Kwong(Dr)	IMT D3F & Adv D2F, IMT D4 & FDG4
EIE413	Digital Signal Processing(DSP)	2	Core / Elective	Siu,Wan-Chi(Prof.)	EIE Adv D2F(C), EIE D1 & D2(C), RS(E), AP/EIEDD(E), EIE FDG3(C)
EIE415	Multimedia Technology(MT)	2	ELECTIVE	Chan,Yui-Lam(Dr), Chan,Yuk-Hee, Chris(Dr)	EngD, EIE Adv D2F & D2, EIE D3F & D4, AP/EIEDD, RS, SF MEng, BScFIT D3, BScSIT D4, EIE FDG4
EIE424	Distributed Systems and Network Programming(DS&NP)	2	ELECTIVE	Mak,Man-Wai(Dr)	EngD, EIE Adv D2F & D2, EIE D3F & 4, EIE D3I, IMT D3F & 4, IMT D3I, IMT Adv D2F & FDG4, RS, SF MEng, BScFIT D3, BScSIT D4, EIE FDG4
EIE426	Artificial Intelligence and Computer Vision(AI&CV)	2	ELECTIVE	Chi,Zheru, George(Dr)	IMT D3F, IMT D3I, IMT Adv D2F & FDG4
EIE431	Digital Video Production and Broadcasting(DVP&B)	2	ELECTIVE	Chan,Yui-Lam(Dr)	IMT D3F, IMT Adv D2F & FDG4
EIE443	Telecommunication Networks(TCNET)	2	ELECTIVE	Lee,Wah-Ching(Mr)	EIE Adv D2F & D2, EIE D3F & D4, RS, EIE D3I, SF MEng, BScFIT D3, BScSIT D4, EIE FDG4
EIE449	Optical Communication Systems and Networks(OCS&N)	2	ELECTIVE	Lu,Chao(Prof.)	EIE D3F & D4, SF MEng, EIE FDG4
EIE451	Circuits for Telecommunications(CME)	2	ELECTIVE	Wu,Ke(Prof.)	EIE D3F & D4, EIE FDG4
EIE529	Digital Image Processing(DIP)	2	ELECTIVE	Chan,Yuk-Hee, Chris(Dr)	EngD, SF MScEIE, MScEIE, SF PgDEIE, RS, SF MEng
EIE531	Mobile Radio Communications(MRC)	2	ELECTIVE	Wong,Kai-Nam, Thomas(Dr)	EngD, SF MScEIE, MScEIE, SF PgDEIE, RS, SF MEng
EIE546	Video Technology(VT)	2	ELECTIVE	Siu,Wan-Chi(Prof.)	EngD, SF MScEIE, MScEIE, SF PgDEIE, RS, SF MEng
EIE552	Internet Technologies for Multimedia Applications(ITMA)	2	ELECTIVE	Lo,Kwok-Tung(Dr)	EngD, SF MScEIE, MScEIE, SF PgDEIE, RS, SF MEng
EIE578	CMOS Analog Integrated Circuits Design and Analysis(CMOS)	2	ELECTIVE	Chow,Hoi-Lam, Martin(Dr)	EngD, SF MScEIE, MScEIE, SF PgDEIE, RS, SF MEng
ENG1002	Foundation Year Seminar II(FYSII)	2	ELECTIVE	Chow,Hoi-Lam, Martin(Dr)	IMT FDG1, EIE FDG1
ENG238	Basic Electricity and Electronics II(BEE2)	2	CORE	TAN,Siew-Chong(Dr), EE Staff	EIE D1, DD(Engg/Buss), EIE FDG2, AP D1, EE D1
ENG403	Society and the Engineer(SE)	2	CORE	Lo,King-Chuen, Ken(Dr)	EIE D1, EIE FDG2, ISE-LEM FTD
ENG403	Society and the Engineer(SE)	2	CORE	Li,Chi-Kwong(Dr)	AP/EIEDD, DD(Engg/Buss), ISE-PEM D1, ISE-LEM FTD