

Department of Electronic and Information Engineering

EIE Subjects to be offered in 2007/2008 *(Subject to change by the Department)*

Code	Subject	Term	Core/ Elective	Subject Lecturer(s) <i>(Tentative)</i>	Class
EIE217	Digital System Design(DSM)	1	CORE	Ip,Kee-Ping, Kelvin(Mr)	BScFIT D2, BScEIT Deg
EIE218	Analog and Digital Communications(A&DC)	1	CORE	Hau,Sau-Fat, Simon(Dr)	BScFIT D2, BScEIT Deg
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.)	EIE D2, AP/EIEDD
EIE306	IC Technology & Processes(IC T&P)	1	ELECTIVE / CORE	Surya,Charles(Prof.)	EIE Adv D2F(C), EIE D1(C), EIE D2(C), EIE D3F(C), EIE D4(E)
EIE311- Class1	Computer System Fundamentals(CSF)	1	CORE	Chi,Zheru, George(Dr)	EIE D1, EIE D2
EIE311- Class2	Computer System Fundamentals(CSF)	1	CORE	Chan,Yuk-Hee, Chris(Dr)	IMT D2
EIE320	Object-Oriented Design and Programming(OODP)	1	CORE	Mak,Man-Wai(Dr)	EIE D2, EIE D3F, IMT D2
EIE325- CLASS1	Telecommunication Technologies(TT)	1	CORE	Fong,Bernard(Dr)	IMT D2
EIE331	Communication Fundamentals(CF)	1	CORE	Leung,Chi-Kin(Dr)	EIE D2, AP/EIEDD, BME D1
EIE351	Analogue and Digital Integrated Circuits(ADIC)	1	CORE	Wong,Siu-Chung(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
EIE401	VLSI & Computer-Aided Circuit Design(VLSI)	1	ELECTIVE	Tong,Kwok-Ying(Mr)	EIE Adv D2F, EIE D3F, EIE D4, EIE PTD4, RS, EIE D3I, SF MEng
EIE428	Multimedia Communications(MC)	1	ELECTIVE	Lo,Kwok-Tung(Dr)	BScIT SAN4, IMT D3F, IMT Adv D2F, BScFIT D2, BScSIT D2
EIE429	Corporate Networking(CN)	1	ELECTIVE	Cheung,Chi-Chung, Lawrence(Dr), Wai,Ping- Kong, Alexander(Prof.)	BScIT SAN4, IMT D3F, IMT Adv D2F, BScFIT D2, IMT D4, BScSIT D2
EIE432	Web Systems and Technologies(WS&T) (new subj.)	1	ELECTIVE	Law,Ngai-Fong, Bonnie(Dr)	IMT D3F, IMT Adv D2F
EIE435	Image and Audio Processing(IAP)	1	ELECTIVE	Lo,King-Chuen, Ken(Dr)	EIE Adv D2F, EIE D3F, EIE D4, IMT Adv D2F
EIE446	Digital Communications(DCOM)	1	ELECTIVE	Hau,Sau-Fat, Simon(Dr)	EIE Adv D2F, EIE D2, EIE D3F, EIE D4, IMT D3F, IMT D4, SF MEng
EIE447	Mobile Communications(MCOM)	1	ELECTIVE	Wong,Kai-Nam, Thomas(Dr)	EIE Adv D2F, EIE D2, EIE D3F, EIE D3I, EIE D4, EIE PTD4, RS, SF MEng
EIE448	Bioengineering Signals and Systems(BSS)	1	ELECTIVE	Small,Michael(Dr)	EIE D3F, EIE D4, EIE PTD4, EIE PTD4, SF MEng
EIE450	Nanoscience and Technology for Electronic Engineering(NSTEE) (new subj.)	1	ELECTIVE	Woo,Chung-Ho(Prof.)	EIE D3F, EIE D4
EIE509	Satellite Communications - Technology and Applications(SCTA)	1	ELECTIVE	Lau,Chung-Ming, Francis(Dr)	EngD, SF MScEIE, MScEIE, SF PgDEIE, RS, SF MEng
EIE511	VLSI System Design(VLSI)	1	ELECTIVE	Sham,Chiu Wing(Dr)	EngD, SF MScEIE, MScEIE, SF PgDEIE, RS, SF MEng
EIE536	High Speed Networks(HSN)	1	ELECTIVE	Wang,Mu-Zhong(Dr)	EngD, SF MScEIE, MScEIE, SF PgDEIE, RS, SF MEng
EIE557	Computational Intelligence and Its Applications(CI&IA)	1	ELECTIVE	Chi,Zheru, George(Dr)	EngD, SF MScEIE, MScEIE, SF PgDEIE, RS, SF MEng
EIE565	Advanced Multimedia Technology(AMT)	1	ELECTIVE	Lam,Kin-Man, Kenneth(Dr)	EngD, SF MScEIE, MScEIE, SF PgDEIE, RS, SF MEng
ENG1001	Foundation Year Seminar 1(FYS1) (new subj.)	1	ELECTIVE	TAN,Siew Chong(Dr)	IMT FDG1, EIE FDG1
ENG224- CLASS1	Information Technology(IT)	1	CORE	Tam,Wai-Yip(Dr), Comp Staff	EE D1, EIE D1, IMT D1, ME D1, ISE D1, Eng/BussDD, EE HD
ENG237	Basic Electricity and Electronics I(BEE1)	1	CORE	Lai,Yuk-Ming(Dr), Walker,David(Dr)	AP D1, EE D1, EIE D1, ME D1, ISE D1, Eng/BussDD
ENG241	Basic Electricity and Electronics I(BEE1)	1	CORE	TAN,Siew Chong(Dr)	AP HD1
ENG403- CLASS1	Society and the Engineer(SE)	1	CORE	Li,Chi-Kwong(Dr), Tong,Kwok-Ying(Mr)	EE D1, EIE D1, ME D1, ISE D1

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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, ME D1
EIE210	Electronics Design(ED)	2	CORE	Chow,Hoi-Lam, Martin(Dr)	IMT D1, IMT FDG2
EIE211- CLASS1	Logic Design(LD)	2	CORE	Feng,Dagan, David(Prof.), Leung,Hung-Fat, Frank(Dr)	EIE D1, AP/EIEDD, DD(Engg/Buss), EIE FDG2
EIE211- CLASS2	Logic Design(LD)	2	CORE	Sham,Chiu Wing(Dr), Feng,Dagan, David(Prof.)	IMT D1, IMT FDG2
EIE222	Contemporary Information Technologies and Their Applications(CIT&TA) (new subj.)	2	ELECTIVE	Lo,King-Chuen, Ken(Dr), Lee,Wah-Ching(Mr)	All PolyU
EIE239	Communication Fundamentals(CF)	2	CORE	Hau,Sau-Fat, Simon(Dr)	BScFIT D1
EIE252	Electronic Circuits II(EC2)	2	CORE	TAN,Siew Chong(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	ELECTIVE	Sham,Chiu Wing(Dr), Wong,Siu-Chung(Dr)	EIE Adv D2F, EIE D1, EIE D2, EIE D3F, EIE D4, AP/EIEDD
EIE309	Microelectronic Devices(MED)	2	ELECTIVE	Li,Wai-Sang(Dr)	AP D3, AP/EIEDD
EIE312- CLASS1	Linear Systems(LIN)	2	CORE	Law,Ngai-Fong, Bonnie(Dr)	IMT D1, IMT FDG2
EIE312- CLASS2	Linear Systems(LIN)	2	CORE	Schwarz,Wolfgang(Prof.), Lam,Kin-Man, Kenneth(Dr)	EIE D1, AP/EIEDD, DD(Engg/Buss), EIE FDG2
EIE322- CLASS1	Interface and Embedded Systems(IES)	2	ELECTIVE / CORE	Ip,Kee-Ping, Kelvin(Mr)	EIE Adv D2F(C), EIE D1(C), EIE D2(C), EIE D3F(C), EIE D4(E), REC D2(E)
EIE322- CLASS2	Interface and Embedded Systems(IES)	2	CORE	Sham,Chiu Wing(Dr)	IMT D2, IMT FDG2
EIE325- CLASS2	Telecommunication Technologies(TT)	2	CORE	Walker,David(Dr)	BScFIT D2, BScEIT Deg
EIE328	Digital Signal Processing for Multimedia Applications(DSPMA)	2	ELECTIVE / CORE	Law,Ngai-Fong, Bonnie(Dr)	IMT D2(C), BScIT SAN4(E), IMT Adv D2F(C), BScFIT D2(E), IMT FDG2(C), BScSIT D2(E)
EIE330- CLASS1	Integrated Project(IP)	2	CORE	To,Tsun-Ping, Jimmy(Dr)	EIE D1, EIE D2
EIE330- CLASS2	Integrated Project(IP)	2	CORE	Lun,Pak-Kong, Daniel(Dr)	IMT D2
EIE333	Data and Computer Communications(D&CC)	2	CORE	Wong,Kai-Nam, Thomas(Dr)	EIE D2
EIE338	Applied Electromagnetics(AEMC)	2	CORE	Chung,Kwok-Lun, Alan(Dr)	EIE D2
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
EIE367	Computer Networks(CN)	2	CORE	Wang,Mu-Zhong(Dr)	IMT D2
EIE374	Signal Processing Applications(SPA)	2	ELECTIVE	Lo,King-Chuen, Ken(Dr)	EIE HD2
EIE375	Object-Oriented Design and Programming(OODPROG)	2	ELECTIVE	Mak,Man-Wai(Dr)	EIE HD2
EIE380	Web-based Multimedia(Web-BM)	2	ELECTIVE	Chan,Yui-Lam(Dr)	EIE HD2
EIE399	Data Communications(DC)	2	ELECTIVE	Cheung,Chi-Chung, Lawrence(Dr)	EIE HD2
EIE402	Power Electronics(PENC)	2	ELECTIVE	Lai,Yuk-Ming(Dr)	EIE Adv D2F, EIE D2, EIE D3F, EIE D4, RS, SF MEng
EIE408	Principles of Virtual Reality(PVR)	2	ELECTIVE	Li,Chi-Kwong(Dr)	IMT D3F, IMT Adv D2F, IMT D4
EIE413	Digital Signal Processing(DSP)	2	ELECTIVE / CORE	Siu,Wan-Chi(Prof.)	EIE Adv D2F(C), EIE D1(C), EIE D2(C), EIE D3F(C), EIE D4(E), RS(E)
EIE415	Multimedia Technology(MT)	2	ELECTIVE	Chan,Yui-Lam(Dr)	EIE Adv D2F, EIE D2, EIE D3F, EIE D4, BScIT SAN4, EIE PTD4, RS, EIE D3I, SF MEng
EIE424	Distributed Systems and Network Programming(DS&NP)	2	ELECTIVE	Mak,Man-Wai(Dr)	EIE Adv D2F, EIE D2, EIE D3F, EIE D4, BScIT SAN4, IMT D3F, IMT Adv D2F, BScFIT D2, IMT D4, RS, SF MEng, BScSIT D2
EIE426	Artificial Intelligence and Computer Vision(AI&CV)	2	ELECTIVE	Chi,Zheru, George(Dr)	IMT D3F, IMT Adv D2F
EIE431	Digital Video Production and Broadcasting(DVP&B) (new subj.)	2	ELECTIVE	Chan,Yui-Lam(Dr), MIC Staff	IMT D3F, IMT Adv D2F

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EIE443	Telecommunication Networks(TCNET)	2	ELECTIVE	Lee,Wah-Ching(Mr)	EIE Adv D2F, EIE D1, EIE D2, EIE D3F, EIE D4, BScIT SAN4, EIE PTD4, RS, EIE D3I, SF MEng
EIE449	Optical Communication Systems and Networks(OCS&N)	2	ELECTIVE	Lu,Chao(Prof.)	EIE D3F, EIE D4, SF MEng
EIE451	Circuits for Telecommunications(CME) (new subj.)	2	ELECTIVE	Wong,Siu-Chung(Dr)	EIE D3F, EIE D4
EIE541	Digital Signal Processing(DSP)	2	ELECTIVE	Chan,Y.T.(Prof.)	SF MScEIE, MScEIE, SF PgDEIE, SF MEng
EIE545	Consumer Electronics(CE)	2	ELECTIVE	Fong,Bernard(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
EIE553	Security in Data Communication(SDC)	2	ELECTIVE	Leung,Chi-Kin(Dr)	EngD, SF MScEIE, MScEIE, SF PgDEIE, RS, SF MEng
EIE555	Personal Network Technology(PNT)	2	ELECTIVE	Chow,Hoi-Lam, Martin(Dr), Wang,Mu-Zhong(Dr)	EngD, SF MScEIE, MScEIE, SF PgDEIE, RS, SF MEng
EIE563	Digital Audio Processing(DAP)	2	ELECTIVE	Chan,Yuk-Hee, Chris(Dr)	EngD, SF MScEIE, MScEIE, SF PgDEIE, RS, SF MEng
ENG1002	Foundation Year Seminar II(FYSII) (new subj.)	2	ELECTIVE	TAN,Siew Chong(Dr)	IMT FDG1, EIE FDG1
ENG238	Basic Electricity and Electronics II(BEE2)	2	CORE	Lu,Chao(Prof.), TAN,Siew Chong(Dr), EE Staff	AP D1, EE D1, EIE D1, DD(Engg/Buss)
ENG403- CLASS2	Society and the Engineer(SE)	2	CORE	Lo,King-Chuen, Ken(Dr), Tong,Kwok-Ying(Mr)	EE D1, ISE D1