

Check list

Electronics and Communication Engineering Curriculum 2017 (2560)

Student ID	Advisor	English Proficiency Test	Admission
_____	_____	[] TOEFL _____	[] Normal
Student's Name (in English)	Student's Home Phone Number	[] IELTS _____	[] Re-entry _____ Cr.
_____	_____	[] TU-GET _____	[] Transfer _____ Cr.
Students's Name (in Thai)	student's Mobile Phone Number	[] TOEIC _____	E-mail address
_____	_____	_____	_____

Yr.	First Semester					Second Semester					
	Course	Pre (Co)	Credits	Sem/Yr	Grade	Course	Pre (Co)	Credits	Sem/Yr	Grade	
1	EL 171 English Course II	None	3(3-0-6)			EL 172 English Course III	EL171	3(3-0-6)			
	GTS 132 Intro. to Biological Science	None	3(3-0-6)			GTS 133 Environmental Studies	None	3(2-2-5)			
	MAS 116 Mathematics I	None	3(3-0-6)			ITS 100 Intro. To Computer & Programming	None	3(2-3-4)			
	SCS 126 Chemistry for Engineers	None	3(3-0-6)			MAS 117 Mathematics II	MAS116	3(3-0-6)			
	SCS 138 Applied Physics I	None	3(3-0-6)			SCS 139 Applied Physics II	SCS138	3(3-0-6)			
	SCS 176 Chemistry Laboratory	SCS126 (Co)	1(0-3-0)			SCS 184 Physics Laboratory II	SCS139 (Co)	1(0-3-0)			
	SCS 183 Physics Laboratory I	SCS138 (Co)	1(0-3-0)			TU 140 Thai Studies	None	3(3-0-6)			
	TU 100 Civic Education	None	3(3-0-6)								
	TU 130 Integrated Science & Tech	None	2(2-0-4)								
		Sub-Total		22(20-6-40)	SGPA		Sub-Total		19(16-8-33)	SGPA	
				CGPA					CGPA		
	English Proficiency Test score _____					English Proficiency Test score _____					
	Status [] Normal [] Warning 1 [] Warning 2 [] Probation					Status [] Normal [] Warning 1 [] Warning 2 [] Probation					
2	ECS 213 EE Mathematics	MAS117	3(3-0-6)			ECS 210 Basic EE Lab	ECS216	1(0-3-0)			
	ECS 216 Circuit Analysis	None	3(3-0-6)			ECS 218 Data Structures, Algorithms, and	ITS100	3(2-2-5)			
	ECS 217 Computer Tools in EE	None	1(0-3-0)			ECS 231 Electronic Circuits I	ECS216	3(3-0-6)			
	GTS 202 English Language Structures	EL 172	3(3-0-6)			ECS 233 Electromagnetics	MAS117 and SCS139	3(3-0-6)			
	MAS 210 Mathematics III	MAS117	3(3-0-6)			ECS 261 Electrical Measurement and Instrumentation	ECS201 or ECS216	3(3-0-6)			
	MES 300 Engineering Drawing	None	3(2-3-4)			ECS 281 Signals and Systems	ECS213 or MAS215	3(3-0-6)			
	MES 351 Engineering Dynamics	SCS138 (Co)	3(3-0-6)			ECS 371 Digital Circuits	None	3(3-0-6)			
		Sub-Total		19(17-6-34)	SGPA		Sub-Total		21(19-6-38)	SGPA	
					CGPA					CGPA	
		English Proficiency Test score _____					English Proficiency Test score _____				
	Status [] Normal [] Warning 1 [] Warning 2 [] Probation					Status [] Normal [] Warning 1 [] Warning 2 [] Probation					
3	ECS 315 Prob. and Random Processes	MAS117	3(3-0-6)			ECS 320 Electronic Circuit Lab.	ECS322	1(0-3-0)			
	ECS 322 Electronic Circuits II	ECS231	3(3-0-6)			ECS 380 Feedback Control Lab	ECS381	1(0-3-0)			
	ECS 332 Principles of Communications	ECS281, ECS315 or IES302 (Co)	3(3-0-6)			ECS 382 Microprocessors	ECS371	3(3-0-6)			
	ECS 370 Digital Circuit Lab.	ECS371 (Co)	1(0-3-0)			ECS 452 Digital Communication Systems	ECS332	3(3-0-6)			
	ECS 381 Feedback Control Systems	ECS201 or ECS216	3(3-0-6)			ECS 462 Antennas	ECS233	3(3-0-6)			
	ECS 451 Data Communications & Network	None	3(3-0-6)			ECS 472 Digital Signal Processing	ECS281	3(3-0-6)			
	MES 211 Thermofluids	SCS138 or GTS121	3(3-0-6)			ECS xxx Technical Elective		3(x-x-x)			
		Sub-Total		19(18-3-36)	SGPA		Sub-Total		19(x-x-x)	SGPA	
					CGPA					CGPA	
		English Proficiency Test score _____					English Proficiency Test score _____				
	Status [] Normal [] Warning 1 [] Warning 2 [] Probation					Status [] Normal [] Warning 1 [] Warning 2 [] Probation					
4						Summer					
	ECS 396 Project Development	Senior standing	1(0-3-0)			ECS 300 EC Training	Junior standing	0(0-0-0)			
	ECS 450 Signal Processing and Comm. Lab	ECS332 and ECS472	1(0-3-0)			(a)ECS 398 Electrical and comm. Eng. Project	ECS396	6(0-18-0)			
	ECS 456 Optical Communications	ECS233	3(3-0-6)			or					
	ECS 442 Microwave Principles	ECS233	3(3-0-6)			(b)ECS 399 Extended EC Training	Senior standing	6(0-40-0)			
	ECS xxx Technical Elective		3(x-x-x)			or					
	IES 303 Engineering Management & Cost Analysis	None	3(3-0-6)			(c)ECS 496 Special Study in EC I	Consent of Head	3(3-0-6)			
	MES 371 Material Science for Engineers	None	3(3-0-6)			(c)ECS 497 Special Study in EC II	Consent of Head	3(3-0-6)			
	TU 120 Integrated Social Sciences	None	2(2-0-4)			XXX xxx Free Electives		3(x-x-x)			
		Sub-Total		19(x-x-x)	SGPA		Sub-Total		12(x-x-x)	SGPA	
				CGPA					CGPA		
	English Proficiency Test score _____					English Proficiency Test score _____					
	Status [] Normal [] Warning 1 [] Warning 2 [] Probation					Status [] Normal [] Warning 1 [] Warning 2 [] Probation					