

SOFTWARE ENGINEERING COURSES @ DOTS

<u>SEMESTER 1</u>			<u>SEMESTER 2</u>			<u>SEMESTER 3</u>			<u>SEMESTER 4</u>			
Code	Description	Units	Code	Description	Units	Code	Description	Units	Code	Description	Units	
1	CSE 101	Computer Systems	3	CSE 102	Data Structures & Algorithms	2	CSE 201	Programming Concepts	4	CSE 202	JAVA	5
2	CSE 111	Intro to Programming	4	CSE 112	PC Upgrade & Maintenance	4	CSE 211	Comp Programming with VB.Net	4	CSE 212	MIS	4
3	CSE 121	Basic Digital System	4	CSE 122	Computer System Troubleshooting	4	CSE 221	System Prog Concepts (C, C++)	5	CSE 222	SQL Server Admin II	4
4	CSE 131	Internet and the WWW	4	CSE 132	Computer and the Society	3	CSE 231	Computer App Packages II	5	CSE 232	RDBMS II	4
5	CSE 141	Computer App Packages I	5	CSE 142	Basic Hardware Maintenance	4	CSE 241	SQL Server Admin I	5	CSE 242	Software Project Management	4
6	CSE 151	File Org and Mgmt	3	CSE 152	Systems Analysis & Design	3	CSE 251	RDBMS I	5	CSE 252	Project	4
7	GNS 101	Eng Lang & Comm I	2	CSE 162	SIWES*	4	ENT 201	Entrepreneurship Development	2	CSE 262	Advanced Web Design	3
8	MTH 101	Logic & Linear Algebra	2	GNS 102	Eng Lang & Comm II	2	MTH 222	Calculus II	2	Elective	Oracle DB Admin Cert	0
9	MTH 100	Trig & Analytical Geometry	2	MTH 122	Calculus I	2						
10	STT 101	Intro to Statistics	2	CSE 261	Intro to Web Design	3						
31			31			32			28			

* SIWES (Student Industrial Work Experience Scheme) is conducted during the Summer break after the Second Semester.

122 Units

HARDWARE ENGINEERING COURSES @ DOTS

SEMESTER 1			SEMESTER 2			SEMESTER 3			SEMESTER 4			
Code	Description	Units	Code	Description	Units	Code	Description	Units	Code	Description	Units	
1	CHT 101	Basic Electricity	4	CHT 121	Digital Electronics	6	CHT 212	System Architecture II	6	CHT 221	Troubleshooting and Repairs	6
2	CHT 111	Intro to Operating Systems	6	CHT 122	System Architecture I	6	CHT 211	PC Assembling & Upgrading	6	CHT 222	Software Installation & Upgrade	6
3	CHT 112	Computer Workshop & Pract I	6	CHT 123	Micro Comp & App Packages	4	CHT 213	Computer Workshop & Prct II	6	CHT 225	Consumer Electronics	6
4	CHT 113	Basic Electronics	6	CSE 162	SIWES*	4	CHT 214	Basic Networking	6	CHT 226	A ⁺ (Module II)	6
5	CSE 101	Computer Systems	3	CSK 502	Communication Skills II	2	CHT 216	A ⁺ (Module I)	6	CHT 258	Project	4
6	CSK 501	Basics of Communication	2	EDP 111	Intro to Entrepreneurship	2	MTH 222	Calculus II	2	EDP 223	Practice of Entrepreneurship	2
7	MAT 112	Logic and Linear Algebra	2	MTH 122	Calculus I	2						
8	MAT 221	Trig & Analytical Geometry	2	NSS 123	Intro to Networking Devices	3						
		31			29			32			30	

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122 Units
