

## **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 <sup>+</sup> (Module II)	6
5	CSE 101	Computer Systems	3	CSK 502	Communication Skills II	2	CHT 216	A <sup>+</sup> (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						
		<b>31</b>			<b>29</b>			<b>32</b>			<b>30</b>	

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

<b>122 Units</b>
------------------