

## **SOFTWARE ENGINEERING COURSES @ DOTS**

<b>SEMESTER 1</b>			<b>SEMESTER 2</b>			<b>SEMESTER 3</b>			<b>SEMESTER 4</b>			
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						
<b>31</b>			<b>31</b>			<b>32</b>			<b>28</b>			

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

<b>122 Units</b>
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