

**SCHOOL: INDUSTRIAL & APPLIED SCIENCE**  
**DEPARTMENT: COMPUTER SCIENCE**

**FIRST SEMESTER ND I**

<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>L</b>	<b>P</b>	<b>CU</b>	<b>CH</b>	<b>PREREQUISITE</b>
COM 111	INTRODUCTION TO COMPUTING	2	2	3	4	
COM 112	INTRODUCTION TO DIGITAL ELECTRONICS	2	2	3	4	
COM 113	INTRODUCTION TO PROGRAMMING	2	2	4	4	
COM 114	STATISTICS FOR COMPUTING I	2	0	2	2	
COM 115	COMPUTER APPLICATION PACKAGES I	2	0	2	2	
MTH 111	LOGIC AND LINEAR ALGEBRA	2	0	2	2	
GNS 101	USE OF ENGLISH I	2	0	2	2	
GNS 102	CITIZENSHIP EDUCATION I	2	2	4	4	
EED 201	ENTREPRENEURSHIP DEVELOPMENT I			2		
PMT 101	PROJECT MANAGEMENT 1			2		
CNA 101	NETWORKING BASICS			2		
		16	8	28	24	

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**SECOND SEMESTER ND I**

<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>L</b>	<b>P</b>	<b>CU</b>	<b>CH</b>	<b>PREREQUISITE</b>
COM 121	PROGRAMMING USING C LANGUAGE	2	2	3	4	COM 113
COM 122	INTRODUCTION TO INTERNET	1	2	3	3	COM 111
COM 123	PROGRAMMING LANGUAGE USING JAVA I	2	2	3	4	
COM 124	DATA STRUCTURE AND ALGORITHMS	2	1	3	3	COM 113
COM 125	INTRODUCTION TO SYSTEMS ANALYSIS AND DESIGN	2	1	3	3	NONE
COM 126	PC UPGRADE & MAINTENANCE	1	3	3	4	NONE
GNS 128	CITIZENSHIP EDUCATION II	2	0	2	2	GNS 127
EES 202	ENTREPRENEURSHIP SKILL I			2		
PMT 102	PROJECT MANAGEMENT II			2		
CNA 102	ROUTERS AND ROUTING BASICS			2		
		12	11	26	23	

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COM 211	PROGRAMMING USING JAVA II	2	2	4	4	COM 113
COM 212	INTRODUCTION TO SYSTEMS PROGRAMMING	1	1	2	2	COM 111
COM 213	UNIFIED MODELLING LANGUAGE (UML)	2	2	3	4	COM 113
COM 214	COMPUTER SYSTEMS TROUBLESHOOTING	1	2	3	3	COM 111
COM 215	COMPUTER APPLICATION PACKAGES II	2	2	3	4	COM 111
COM 216	STATISTICS FOR COMPUTING II	2	0	2	2	COM 123
SIW 219	SIWES	0	4	4	4	NONE
GNS 201	USE OF ENGLISH II	2	0	2	2	NONE
EED 216	PRACTICE OF ENTREPRENEURSHIP	2	0	2	2	GNS 101
PMT 103	PROJECT MANAGEMENT III			2		
CNA 103	SWITCHING BASICS AND INTERMEDIATE ROUTING			2		
	<b>TOTAL</b>	<b>14</b>	<b>13</b>	<b>29</b>	<b>27</b>	

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COM 221	BASIC COMPUTER NETWORKING	1	3	3	4	COM 113
COM 222	SEMINAR ON COMPUTER & SOCIETY	2	-	2	2	COM 111
COM 223	BASIC HARDWARE MAINTENANCE	2	-	2	3	NONE
COM 224	MANAGEMENT INFORMATION SYSTEM	2	1	2	3	COM 112
COM 225	WEB TECHNOLOGY	2	3	3	5	COM 111, 103
COM 226	FILE ORGANIZATION & MANAGEMENT	2	1	2	3	COM 111
COM 227	PROJECT	2	4	6	6	COM 216
GNS 204	COMMUNICATION IN ENGLISH II	2	0	2	2	COM 216
EES 212	ENTREPRENEURSHIP SKILL II			2		
PMT 104	PROJECT MANAGEMENT IV			2		
CNA 104	WAN TECHNOLOGIES			2		
		<b>15</b>	<b>12</b>	<b>28</b>	<b>28</b>	