

# Course Outline

## Associate of Science in Computer Science

### The Program Structure:

Course Code	AS: <b>First</b> Semester Courses	Credit
COM 101	Communication Skills	2
COM 102	Discrete Structures	3
COM 103	Electronics and Communication Technology	3
COM 104	Calculus	2
COM 105	C ++ Programming	5
COM 106	Computer Fundamentals & Applications	5
<b>TOTAL CREDITS</b>		<b>20</b>

Course Code	AS: <b>Second</b> Semester Courses	Credit
COM 111	Data Structures	2
COM 112	Computer Systems Architecture	3
COM 113	Assembly Language	3
COM 114	Web Technology	2
COM 115	Programming Using PHP	5
COM 116	Applied Mathematics	5
<b>TOTAL CREDITS</b>		<b>20</b>

Course Code	AS: <b>Third</b> Semester Courses	Credit
COM 201	Design and Analysis Algorithms	2
COM 202	Systems Programming	3
COM 203	Database Systems	3
COM 204	Basic Statistics and Probability	2
COM 205	Computer Systems Troubleshooting	5
COM 206	Programming Using FORTRAN	5
<b>TOTAL CREDITS</b>		<b>20</b>

Course Code	AS: <b>Fourth</b> Semester Courses	Credit
COM 211	Operating Systems	2
COM 212	Data Communication and Computer Networks	3
COM 213	Software Engineering	3
COM 214	Differential Equations	2
COM 215	Java and Data Structures	5
COM 216	Multimedia	5
<b>TOTAL CREDITS</b>		<b>20</b>

Application processing, admissions and registrations for the new Academic Session are currently in progress.



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