Course Outline

Associate of Science in Information Technology

The Program Structure:

Course Code	AS: **First** Semester Courses	Credit
AIT 101	Communication Skills	2
AIT 102	Computer Fundamentals & Applications	3
AIT 103	Applied MathematicsI	3
AIT 104	Electronics and Communication Technology	2
AIT 105	C++ Programming	5
AIT 106	Calculus	5
	TOTAL CREDITS	**20**

Course Code	AS: **Second** Semester Courses	Credit
AIT 111	Web Technology	2
AIT 112	Networking Security	3
AIT 113	Microprocessor and Microcontroller	3
AIT 114	Database Management System (DBMS)	2
AIT 115	Data Communication and Network Standards	5
AIT 116	Computer Systems Architecture	5
	TOTAL CREDITS	**20**

Course Code	AS: **Third** Semester Courses	Credit
AIT 201	Logic and Discrete Mathematics	2
AIT 202	Computer Graphics	3
AIT 203	SQL 2	3
AIT 204	Object Oriented Programming	2
AIT 205	Modern Operating Systems	5
AIT 206	Computer Systems Troubleshooting	5
	TOTAL CREDITS	**20**

Course Code	AS: **Fourth** Semester Courses	Credit
AIT 211	Software Engineering	2
AIT 212	System Development Technique	3
AIT 213	Java and Data Structures	3
AIT 214	Quantitative Techniques	2
AIT 215	Embedded Systems	5
AIT 216	Wireless Network Technologies	5
	TOTAL CREDITS	**20**

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