

SEMESTER WISE DISTRIBUTION OF COURSES

Year-1, Semester-1					
COURSE CODE	COURSE TITLE	CREDIT	CREDIT HOURS		PREREQUISITE
			T	S	
CSE0613101	Structured Programming Language	3	3	0	
CSE0613102	Structured Programming Language Lab	1	0	1	
MAT0541101	Differential & Integral Calculus	3	3	0	
GED0222101	Bangladesh Studies: History and Cultures	3	3	0	
PHY0533101	Physics	3	3	0	
PHY0533102	Physics Lab	1	0	1	
ENG0232101	Communicative English	3	3	0	
ENG0232102	Communicative English Lab	1	0	1	
Total	=	18	15	3	

Year-1, Semester-2					
COURSE CODE	COURSE TITLE	CREDIT	CREDIT HOURS		PREREQUISITE
			T	S	
CSE0611101	Discrete Mathematics	3	3	0	
CSE0613103	Data Structure and Algorithms	3	3	0	CSE0613101
CSE0613104	Data Structure and Algorithms Lab	1	0	1	CSE0613102
GED0223101	Professional Ethics and Environmental Protection	3	3	0	
ECO0311101	Engineering Economics	3	3	0	
MAT0541102	Linear Algebra	3	3	0	
EEE0713101	Electrical Engineering	3	3	0	
EEE0713102	Electrical Engineering Lab	1	0	1	
Total	=	20	18	2	

Year-2, Semester-1					
COURSE CODE	COURSE TITLE	CREDIT	CREDIT HOURS		PREREQUISITE
			T	S	
EEE0713201	Electronics	3	3	0	EEE0713101
EEE0714202	Electronics Lab	1	0	1	EEE0713102
CSE0613201	Object-Oriented Programming Language	3	3	0	CSE0613101
CSE0613202	Object-Oriented Programming Language Lab	1	0	1	CSE0613102
CSE0613203	Digital Logic Design	3	3	0	
CSE0613204	Digital Logic Design Lab	1	0	1	
CSE0611201	Computer Architecture	3	3	0	
GED0413201	Entrepreneurship: Innovation and Commercialization	3	3	0	
Total	=	18	15	3	

Year-2, Semester-2					
COURSE CODE	COURSE TITLE	CREDIT	CREDIT HOURS		PREREQUISITE
			T	S	
MAT0541201	Engineering Mathematics	3	3	0	
CSE0613205	Operating System	3	3	0	CSE0611201
CSE0613206	Operating System Lab	1	0	1	CSE0611201
CSE0613207	Java Programming	3	3	0	CSE0613201
CSE0613208	Java Programming Lab	1	0	1	CSE0613202
CSE0613209	Microprocessor Assembly Programming	3	3	0	EEE0713201
CSE0613210	Microprocessor Assembly Programming Lab	1	0	1	EEE0714202
MAT0541202	Statistics and Queuing Theory	3	3	0	
Total	=	18	15	3	

Year-3, Semester-1				
	COURSE TITLE	CREDIT	CREDIT HOURS	PREREQUISITE

COURSE CODE			T	S	
CSE0612301	Database Management System	3	3	0	
CSE0612302	Database Management System Lab	1	0	1	
CSE0613301	Web Programming	3	3	0	
CSE0613302	Web Programming Lab	1	0	1	
CSE0613303	Systems Analysis and Design	3	3	0	
CSE0612303	Data Communication	3	3	0	
CSE0613305	Automate Theory and Compiler	3	3	0	CSE0613101
CSE0613306	Automate Theory and Compiler Lab	1	0	1	CSE0613102
CSE0613307	System Configuration and Performance Evaluation	1	0	1	CSE0612303, MAT0541202
Total	=	19	15	4	

Year-3, Semester-2

COURSE CODE	COURSE TITLE	CREDIT	CREDIT HOURS		PREREQUISITE
			T	S	
CSE0613309	Software Engineering	3	3	0	CSE0613303
CSE0613310	Software Engineering Lab	1	0	1	CSE0613303
CSE0612305	Computer Networking	3	3	0	CSE0612303
CSE0612306	Computer Networking Lab	1	0	1	
CSE0611301	Engineering Drawing	3	3	0	
BUS0411301	Financial and Managerial Accounting	3	3	0	
CSE0613311	Artificial Intelligence	3	3	0	
CSE0613312	Artificial Intelligence Lab	1	0	1	
CSE0611303	Computer and Cyber Security	3	3	0	CSE0612305
Total	=	21	18	3	

Year-4, Semester-1					
COURSE CODE	COURSE TITLE	CREDIT	CREDIT HOURS		PREREQUISITE
			T	S	
CSE0613499	Project (Phase-I)	3	3	0	
MIS0611401	Information Systems Management	3	3	0	
CSE0612401	Switching and Routing	1	0	1	CSE0612306
CSE0613401	Software Project Management	3	3	0	CSE0613309
CSE0613403	Software Testing and Quality Assurance	3	3	0	CSE0613309
	Elective-I	3	3	0	
	Elective-II	3	3	0	
Total	=	19	18	1	

Year-4, Semester-2					
COURSE CODE	COURSE TITLE	CREDIT	CREDIT HOURS		PREREQUISITE
			T	S	
CSE0613499	Project (Phase-II)	3	3	0	
MIS0611403	System Auditing and Maintenance	3	3	0	
	Elective-III	3	3	0	
	Elective-IV	3	3	0	
Total	=	12	12	0	