UTTAR PRADESH TECHNICAL UNIVERSITY LUCKNOW

Syllabus

for

Master of Computer Applications
of

Third Year

(Effective from the Session: 2015-16)

U.P.TECHNICAL UNIVERSITY, LUCKNOW
STUDY AND EVALUATION SCHEME
MCA (Master of Computer Application)
(Effective from Session 2015-16)

Year-III, Semester V

Sr. No.	Subject Code	Subject	Period	Evaluation Scheme				Total
				Sessional			Exam	
				CT	TA	Total		
1	NMCA-511/NMCA-513	Computer Network / Dot Net Framework & C#*	3-1-0	30	20	50	100	150
2	**MCA-Elective-II**		3-1-0	30	20	50	100	150
3	NMCA-512	Software Engineering	3-1-0	30	20	50	100	150
4	**MCA-Elective-III**		3-1-0	30	20	50	100	150
5	**MCA-Elective-IV**		3-1-0	30	20	50	100	150
Practicals / Training /Projects								
6	NMCA-551/NMCA-553	Computer Network Lab/ Dot Net Framework & C# Lab*	0-0-3	30	20	50	50	100
7	NMCA-552	Project Based On Software Engineering	0-0-3	30	20	50	50	100
8	NGP-501	General Proficiency	-	-	-	-	-	50

Note:- *To be opted by the students who did not study these courses in earlier semesters.

Year-III, Semester VI

SNo	Subject Code	Subject	Period	Evaluation Scheme				Total
				Sessional			Exam	
				CT	TA	Total		
1	NMCA-611	Colloquium	0-0-2	-	200	200	-	200
2	NMCA-612	Project	0-0-24	-	300	300	500	800

List of Electives for MCA

MCA-Elective-II

NMCAE 21	Network Security & Cryptography
NMCAE 22	Neural Network
NMCAE 23	Pattern Recognition
NMCAE 24	Cloud Computing
NMCAE25*	Computer Network
NMCAE 26*	Dot Net Framework & C#

MCA-Elective-III

NMCAE 31	Image Processing
NMCAE 32	Simulation & Modeling
NMCAE 33	Software Project Management
NMCAE 34	Real Time Systems

MCA-Elective-IV

NMCAE 41	Advanced Database Management Systems
NMCAE 42	Information Storage &Management
NMCAE 43	Software Testing
NMCAE 44	Big Data

Note:- *To be opted by the students who did not study these courses in earlier semesters.