NED University of Engineering and Technology

Department of Biomedical Engineering

Course Content

code	name	credit_hour	grade	Done
BM-209	Basic Electronics	4	B	✔
TC-201	Digital Logic Design	3	A-	✔
MT-114	Calculus	3	A-	✔
MT-223	Differential Equations and Fourier Series	3	A-	✔
MT-272	Linear Algebra and Geometry	3	B	✔
CS-107	Computer Programming	4	A+	✔
CS-430	Microprocessor Programming and Interfacing	4	B	✔
EE-493	Digital Signal Processing	4	A	✔
BM-108	Computer-Aided Engineering Graphics	3	A	✔
BM-432	Neuroscience and Neural Networks	3	B	✔
PH-126	Physics	4	A-	✔
BM-113	Engineering Mechanics	4	B+	✔
BM-100	Introduction to Biology For Pre-Engineering	-	P	✔
BM-101	Introduction to Biomedical Engineering	1	C	✔
CY-106	Chemistry	4	A	✔
MG-481	Entrepreneurship	3	B	✔
EF-305	Engineering Economics and Management	3	C	✔
BM-203	Cellular and Molecular Biology	2	B-	✔
BM-451	Biosignal Processing	3	A-	✔
BM-423	Introduction to Robotics	3	B-	✔
BM-404	Biomechanics	3	B+	✔
BM-208	Biomedical Electronics	4	A	✔
BM-306	Bioinstrumentation and Measurements-I	4	B-	✔
BM-311	Bioinstrumentation and Measurements-II	4	A-	✔
EE-217	Circuit Theory	2	A-	✔
FE-119	Fundamentals of Electrical Engineering	4	A	✔
BM-452	Modelling and Simulation for Biomedical Engineer	3	B+	✔
BM-401	Numerical Methods for Biomedical Engineers	3	A-	✔
BM-310	Control Systems for Biomedical Engineers	4	A+	✔
BM-312	Biostatistics	3	A-	✔
BM-114	Anatomy	4	B+	✔
BM-115	Physiology - I	3	B-	✔
BM-116	Physiology - II	3	B	✔
BM-210	Biochemistry	4	B	✔
BM-313	Biomaterials	4	B	✔
BM-408	Biomedical Imaging	3	B-	✔
BM-425	Telemedicine	3	A-	✔
HS-219	Professional Ethics	2	B+	✔
BM-307	Bioinformatics	3	A-	✔
HS-104	Functional English	3	B+	✔
HS-105	Pakistan Studies	2	A	✔
HS-202	Business Communication	3	B+	✔
HS-205	Islamic Studies	2	B	✔
HS-200	Community Service	-	-	
BM-413	Biomedical Engineering Project	6	A-	
HSK-II	Chinese Language	-	-	
HSK-I	Chinese Language	-	-	