

Curriculum

Year	Semester	Course Code	Course Title	Credit-Lecture Hr.-Designing Hr. for accreditation for engineering education.- Prac.Training
1	2	BE0003	Creative Design Introduction	2-0-2-0
1	2	BE0004	Introduction to Biomedical Engineering	3-3-0-0
2	1	BE0002	Biomedical Circuit Theory 1	3-3-0-0
2	1	BE0010	Basic Biomedical Electronic Circuit Laboratory	1-0-0-2
2	1	BE0011	Electromagnetics	3-3-0-0
2	1	BE0070	C++ Language Programming	3-3-0-0
2	1	BE0008	Logic Circuits	3-3-0-0
2	1	BE0065	Biomedical Statistics	2-2-0-0
2	2	BE0005	Electronic Circuits 1	3-3-0-0
2	2	BE0007	Human Physiology 1	3-3-0-0
2	2	BE0057	Visual Programming and Design	3-1-2-0
2	2	BE0073	Matlab Application and Design	3-1-2-0
2	2	BE0006	Circuit Theory 2	3-3-0-0
3	1	BE0012	Electronic Circuit Laboratory	2-0-0-4
3	1	BE0013	Electronic Circuits 2	3-3-0-0
3	1	BE0017	Control Engineering	3-3-0-0
3	1	BE0020	signal and System	3-3-0-0
3	1	BE0064	Java Programming	3-3-0-0
3	1	BE0059	Biomedical Computer-Aided-Design and Design	3-1-2-0
3	2	BE0016	Basic Biomedical Engineering Laboratory	2-1-0-2
3	2	BE0018	Biomedical Electronic Measurements Engineering	3-3-0-0
3	2	BE0025	Control System	3-3-0-0
3	2	BE0058	Microprocessor Experiment	3-1-2-0
3	2	BE0026	Biosignal Processing and Design	3-1-2-0
3	2	BE0066	Mobile Programming	3-3-0-0

4	1	BE0053	Creative Design Project1(Capstone Design)	2-0-2-0
4	1	BE0034	Medical Image Processing and Design	3-1-2-0
4	1	BE0041	Radiology Engineering	3-3-0-0
4	1	BE0068	Brain/Neural Engineering	3-3-0-0
4	1	BE0071	Artificial Intelligence	3-3-0-0
4	1	BE0072	Imaging Medical Instrumentation	3-3-0-0
4	2	BE0027	Biosensor Engineering	3-3-0-0
4	2	BE0037	Creative Design Project2(Capstone Design)	2-0-2-0
4	2	BE0069	Bio-Simulation	3-3-0-0
4	2	BE0062	Medical Imaging Laboratory	1-0-0-2
4	2	BE0074	Analog Integrated Circuit	3-3-0-0
4	2	BE0075	Biomedical Special Topics	3-3-0-0