

Medical Equipment

Level 1 (For All Career Program Students)

Course	Title	Credit hours
ENG 101	English (1)	3
ARAB 101	Arabic	2
COMM 101	Communication Skills	2
IC 101	Islamic Culture	2
ADM 101	Professional Ethics	2
CS 101	Principles of Computer	2
CS 102	Introduction to Information Technology	2
HIST 101	KSA History and Legal Systems	2
Total		17

Level 2 - Career Program

Course	Title	Credit hours
ENG 102	English (2)	3
HSC 101	Anatomy and Physiology	4
MATH 222	Mathematics	2
CHEM 101	Chemistry for Health Sciences	2
MDE 207	Electrical Circuits	2
MDE 201	Introduction to Biomedical Equipment	2
MDE 202	Medical Terminology	1
PHYS 101	Physics for Health Sciences	2
Total		18

Level 3 - Career Program

Course	Title	Credit hours
MDE 203	Medical Equipment	3
MDE 206	Mechanical Skills	3
MDE 205	Mechanical Medical Equipment	3
MDE 204	Electrical Measurements	3
MDE 225	Electrical Skills	3
Total		15

Level 4 - Career Program

Course	Title	Credit hours
MDE 208	Electronics	3
MDE 209	Medical Equipment Fault Detection	2
MDE 210	Clinical Laboratory Equipment	4
MDE 211	Medical Computer Applications	3
MDE 212	Medical Equipment Safety	2
Total		14

Level 5 - Career Program:

Course	Title	Credits
MDE 300	Field Training	12
Training in Medical Equipment and Maintenance Departments in Public Hospitals		40 hours/week for 15 weeks