

اجهزة كيمياء سريرية

Technical college	30 Weeks	No . of week hours		
Department: Medical Instrumentation Engineering		Th.	Pr.	Unit
Second Year		2	2	6
		Subject: Clinical chemistry – Instrumentation & Technology .		

أهداف المادة : دراسة تقنيات الأجهزة التي تستخدم في الكيمياء السريرية .

Week	Syllabus
1 st	Work security in laboratories .
2 nd	Quality control .
3 rd	Best laboratory use .
4 th , 5 th	Spectrum instruments and uses .
6 th , 7 th	Ions measurement instrument .
8 th , 9 th	Salts measurements instrument and its uses .
10 th , 11 th	Auto – analysis instruments .
12 th , 13 th	Minerals measurement instrument .
14 th , 15 th	Elisa instrument and its uses .
16 th , 17 th	Electrical conduction .
18 th , 19 th	Osmotic conduction .
20 th , 21 st	Enzymes and their measurements .
22 nd , 23 rd	Proteins and importance .
24 th , 25 th	Fats and importance .
26 th	Haemoglobin .
27 th , 28 th	Minerals and nutrition .
29 th , 30 th	Immunological chemistry .