**BBS 3223 Clinical chemistry Equipments and Instrumentation**

**Course description**

This course focuses on introduction to clinical chemistry and equipments used in clinical chemistry.. The course involves lecturers, tutorials and practicals

**Course Objectives**

At the end of this course a student should be able to;

 Handle commonly used clinical chemistry equipments

Describe common clinical chemistry techniques.

**Course outline:**

Spectrophotometry

Spectroscopy,

**Requirements:**

**4weeks, 60 CH**

**Mode of assessment**

Practical examination 40%

Final summative examination 60%

**Course coordinator**

Dr. Hakim Sendagire

**Reading materials**

1. [Harper's biochemistry/](http://81.199.17.5:8000/cgi-bin/gw_42_20a/chameleon?host=81.199.17.5%2b1111%2bDEFAULT&search=SCAN&function=INITREQ&SourceScreen=INITREQ&sessionid=2006101717302405175&skin=default&conf=.%2fchameleon.conf&lng=en&itemu1=4&u1=4&t1=Harper%27s%20biochemistry%2f&pos=1&prevpos=1&beginsrch=1)[New York: McGraw-hill , 2000](http://81.199.17.5:8000/cgi-bin/gw_42_20a/chameleon?host=81.199.17.5%2b1111%2bDEFAULT&search=SCAN&function=INITREQ&SourceScreen=INITREQ&sessionid=2006101717302405175&skin=default&conf=.%2fchameleon.conf&lng=en&itemu1=2009&u1=2009&t1=New%20York%20%3a%20McGraw-hill%20,%202000.&pos=1&prevpos=1&beginsrch=1)

2. . [Textbook of biochemistry with clinical correlations /](http://81.199.17.5:8000/cgi-bin/gw_42_20a/chameleon?host=81.199.17.5%2b1111%2bDEFAULT&search=SCAN&function=INITREQ&SourceScreen=INITREQ&sessionid=2006101717302405175&skin=default&conf=.%2fchameleon.conf&lng=en&itemu1=4&u1=4&t1=Textbook%20of%20biochemistry%20with%20clinical%20correlations%20%2f&pos=1&prevpos=1&beginsrch=1)[New York: Wiley-Liss , 1997.](http://81.199.17.5:8000/cgi-bin/gw_42_20a/chameleon?host=81.199.17.5%2b1111%2bDEFAULT&search=SCAN&function=INITREQ&SourceScreen=INITREQ&sessionid=2006101717302405175&skin=default&conf=.%2fchameleon.conf&lng=en&itemu1=2009&u1=2009&t1=New%20York%20%3a%20Wiley-Liss%20,%20c1997.&pos=1&prevpos=1&beginsrch=1)