**CYT 3104: Gynaecologic Diagnostic Laboratory II**

a) Course description

The course covers the application of cytodiagnostic criteria to microscope analysis (screening, detection, marking and diagnose) and reporting of cervical vaginal specimens in conjunction with clinical history.

b) Course Objectives

At the end of this course students must be able to:

1. Apply cytodiagnostic criteria to microscope analysis (screening).

2. Detect, mark and diagnose and report cervical vaginal specimens conventional in conjunction with clinical history. This prep monolayer preparations are used as material.

Learning outcome:

3. Skills in the application of cytodiagnostic criteria to microscope analysis (screening, detection, marking and diagnose) and reporting of cervical vaginal specimens in conjunction with clinical history

c) Course Outline

 Epidemiology of cervical caner ,carcinogenesis of the uterine cervix

 Malignant tumours and their cells including changes in nucleus and changes in cytoplasm, changes in the interrelationship of cells.

 The cellular detection of cervical cancer ,Precancerous changes of the epithelia of uterine cervix, Morphological sub classification of preinvasive cervical neoplasia

 Developing carcinoma of the uterine cervix ,micro invasion carcinoma of the uterine cervix

 Normal and benign conditions of the endometrium

 Endometrial carcinogenesis

d) Method of Teaching/delivery

Lectures are supplemented with class practical demonstrations, student practice, SDL

study questions, group discussions, and case studies

e) Mode of Assessment

Progressive Examination, Practical Examination and Summative Examination

g) Requirements

3 weeks, 45 contact hours