## TEMPLATE FOR COURSE SPECIFICATION

## HIGHER EDUCATION PERFORMANCE REVIEW: PROGRAMME REVIEW

## **COURSE SPECIFICATION**

This Course Specification provides a concise summary of the main features of the course and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. It should be cross-referenced with the programme specification.

1. Teaching Institution	Kut technical institute
2. University Department/Centre	Pathological analysis
3. Course title/code	Histological & Cytological Techniques
4. Programme(s) to which it contributes	
5. Modes of Attendance offered	Attendance is mandatory
6. Semester/Year	Yearly
7. Number of hours tuition (total)	150
8. Date of production/revision of this specification	22-11-2016
9. Aims of the Course	
students can prepare permanent slides for different	ent body organs.

10. Learning Outcomes, Teaching ,Learning and Assessment Methode					
A- Knowledge and Understanding A1. Permanent stained tissue slides and body fluid smears. A2. Preparing all needed chemical solution. A3. A4. A5. A6.					
B. Subject-specific skills B1. Fix and preserve tissue specimen B2. B3.					
Teaching and Learning Methods					
Laboratories and scientific visits and summer training					
Assessment methods					
Oral + written + quarterly exams + final					
C. Thinking Skills C1. Lectures C2. practical skills within the laboratory C3. C4.					
Teaching and Learning Methods					
Laboratories and scientific visits and summer training					
Assessment methods					
Oral + written + quarterly exams + final					

- D. General and Transferable Skills (other skills relevant to employability and personal development)
  D1.students can prepare permanent slides for different body organs
  D2.premanent stained tissue slide and body fluid smears
  D3.prepaing all needed chemical solution

  - D4. Fix and preserve tissue specimen

11. Course Structure						
Wee k	Hours	ILOs	Unit/Module or Topic Title	Teachin g Method	Assessment Method	
1	5	Technical diploma	Definition of some terminology	Data show	Examination, oral tests	
2	4+16(pr actical)	=	Sample collection	Data show	Examination, oral tests	
3,4	4+16(pr actical)	=	Steps of preparing tissue for study	Data show	Examination, oral tests	
5,6	4+16(pr actical)	=	Types of fixative	Data show	Examination, oral tests	
7	4+16(pr actical)	=	washing	Data show	Examination, oral tests	
8	4+16(pr actical)	=	dehydration	Data show	Examination, oral tests	
9	4+16(pr actical)	=	clearing	Data show	Examination, oral tests	
10	4+16(pr actical)	=	Infiltration (impregnation)	Data show	Examination, oral tests	
11,12	4+16(pr actical)	=	Blocking, trimming & sectioning	Data show	Examination, oral tests	
13,14		=	Examination of mid year			
15,16		=	Holiday for mid year			
17,18	4+16(pr actical)	=	Staining, purpose, classification	Data show	Examination, oral tests	
19	4+16(pr actical)	=	Staining methods, solvent, storage	Data show	Examination, oral tests	
20	4+16(pr actical)	=	Staining Mordant	Data show	Examination, oral tests	
21	4+16(pr actical)	=	Routine stain	Data show	Examination, oral tests	
22	4+16(pr actical)	=	Special stains	Data show	Examination, oral tests	
23,24	4+16(pr actical)	=	Types of stains,preparation	Data show	Examination, oral tests	
25	4+16(pr actical)	=	Stains solvent, storage, cho se stains	Data show	Examination, oral tests	
26	4+16(pr	=	Decalcification	Data show	Examination, oral	

	actical)					tests	
28,27	4+16(pr actical)	=		Examination of second term	Data show	Examination, oral tests	
29	4+16(pr actical)	=	Tissue slide		Data show	Examination, oral tests	
30			Fii	nal examination			
12. In:	12. Infrastructure						
Required reading:  · CORE TEXTS  · COURSE MATERIALS  · OTHER		Text book					
Special requirements (include for example workshops, periodicals, IT software, websites)		Website					
Community-based facilities (include for example, guest Lectures, internship, field studies)							
13. Admissions							

Pre-requisites

Minimum number of students

Maximum number of students