**National Commission for Academic Accreditation & Assessment**

**Course Specification**

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| Institution **University of Dammam**   |
| College/Department **College of Dentistry / BDS Department**  |

**A Course Identification and General Information**

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| 1. Course title and code: **Oral Pathology I, BDS-322** |
| 2. Credit hours : **3** |
| 3. Program(s) in which the course is offered. (If general elective available in many programs indicate this rather than list programs):**Bachelor in Dental Surgery.** |
| 4. Name of faculty member responsible for the course:**Dr. Aiman A. Ali** |
| 5. Level/year at which this course is offered**: 3rd**  |
| 6. Pre-requisites for this course (if any): Path 311, Oral biology & Histology BDS 341; Micro 331  |
| 7. Co-requisites for this course (if any):  |
| 8. Location if not on main campus: **College of Dentistry** |

**Updated 21st Jan. 2014**

**B Objectives**

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| 1. Summary of the main learning outcomes for students enrolled in the course.The aim of this course is to facilitate identification of all oral diseases by understanding the disease processes. This course is designed to expose the students to the current concepts of oral and maxillofacial pathology. When the student successfully completes the course, he/she should be able to differentiate between normal and pathological changes of the tissues of oral cavity; moreover, they should know the etiology, pathogenesis, clinical and microscopic features of all oral lesions except oral oncology which will be discussed in oral pathology II course. |
| 2. Briefly describe any plans for developing and improving the course that are being implemented. (eg increased use of IT or web based reference material, changes in content as a result of new research in the field) - To increase self-learning, all students should search in PubMed for up to date articles related to topic they study in the course and they have to present and discuss it at the end of the course.- To encourage continuous study, there will be a weekly assessment of the student.- It is recommended to use the IT lab with digital slides. - To enhance students’ learning abilities in analysing data, clinical case-based discussions will be performed by students’ groups every 5 weeks.   |

**C. Course Description** (Note: General description in the form to be used for the Bulletin or Handbook should be attached)

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| 1 Topics to be Covered  |
| List of Topics | No ofWeeks | Contacthours |
| 1. **Introduction to Oral Pathology I**
2. **Abnormalities of teeth I**

**Tooth abnormalities*** Alteration in size
	+ Microdontia
	+ Macrodontia
* Alteration in shape
	+ Gemination
	+ Fusion
	+ Dense invaginatus
	+ Dense evagenatus and Talon cusp
	+ Dilaceration
	+ Taurodontism
	+ Enamel pearls
	+ Supernumerary roots
* Alteration in number
	+ Anodontia
	+ Supernumerary teeth
* Alteration in eruption

**Reference book:** Rajendran R, [Shafer](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_1?_encoding=UTF8&search-alias=books-uk&field-author=William%20G.%20Shafer%20BS%20%20DDS%20%20MS) WG, [Hine](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_2?_encoding=UTF8&search-alias=books-uk&field-author=Maynard%20K.%20Hine%20DDS%20%20MS) MK, [Levy](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_3?_encoding=UTF8&search-alias=books-uk&field-author=Barnet%20M.%20Levy%20DDS%20%20MS) BM. Shafers textbook of oral pathology. 7th edition. India: Elsevier: 2011. | 1 | 4 |
| **Tooth abnormalities II*** Alteration in structure of enamel
	+ Environmental enamel dysplasia/Turners, Flourosis…etc.
	+ Amelogenisis imperfecta
* Alteration in structure of dentine
	+ Dentinogenisis imperfect
	+ Dentine dysplasia
* Alteration in structure of all dental structures
* Alteration in color

**Abnormalities of oral and perioral structures** * Abnormalities of the jaws
* Abnormalities of tongue
* Abnormalities of lips and palate
* Abnormalities of the gingiva
* Abnormalities oral mucosa
* Abnormalities of salivary glands

**Reference book:** Rajendran R, [Shafer](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_1?_encoding=UTF8&search-alias=books-uk&field-author=William%20G.%20Shafer%20BS%20%20DDS%20%20MS) WG, [Hine](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_2?_encoding=UTF8&search-alias=books-uk&field-author=Maynard%20K.%20Hine%20DDS%20%20MS) MK, [Levy](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_3?_encoding=UTF8&search-alias=books-uk&field-author=Barnet%20M.%20Levy%20DDS%20%20MS) BM. Shafers textbook of oral pathology. 7th edition. India: Elsevier: 2011. | 1 | 4 |
| **Dental caries*** Incidence and epidemiology
* Etiology
* Theories
* Histopathology
	+ Enamel caries
	+ Dentine caries

**Reference book:** Rajendran R, [Shafer](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_1?_encoding=UTF8&search-alias=books-uk&field-author=William%20G.%20Shafer%20BS%20%20DDS%20%20MS) WG, [Hine](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_2?_encoding=UTF8&search-alias=books-uk&field-author=Maynard%20K.%20Hine%20DDS%20%20MS) MK, [Levy](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_3?_encoding=UTF8&search-alias=books-uk&field-author=Barnet%20M.%20Levy%20DDS%20%20MS) BM. Shafers textbook of oral pathology. 7th edition. India: Elsevier: 2011. | 1 | 4 |
| **Pathology of the pulp** * Acute reversible pulpitis
* Acute irreversible pulpitis
* Chronic (closed) pulpitis
* Chronic hyperplastic pulpitis
* Pulp necrosis

**Reference book:** [Neville](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_1?_encoding=UTF8&search-alias=books-uk&field-author=Brad%20W.%20Neville) B W,  [Damm](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_2?_encoding=UTF8&search-alias=books-uk&field-author=Douglas%20D.%20Damm) DD, [Allen](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_3?_encoding=UTF8&search-alias=books-uk&field-author=Carl%20Allen%20Dr.) C, [Bouquot](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_4?_encoding=UTF8&search-alias=books-uk&field-author=Jerry%20E.%20Bouquot) J E. Oral and Maxillofacial Pathology. Saunders. 2008 | 1 | 4 |
| **Pathology of periapical region and Osteomyelitis*** Periapical granuloma
* Periodontal inflammatory cyst
* Periapical abscess Acute suppurative osteomyelitis
* Chronic suppurative osteomyelitis
* Chronic focal sclerosing osteomyelitis (condensing osteitis)
* Chronic osteomyelitis with proliferative periostitis (Garre’s osteomyelitis)

**Reference book:** [Neville](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_1?_encoding=UTF8&search-alias=books-uk&field-author=Brad%20W.%20Neville) B W,  [Damm](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_2?_encoding=UTF8&search-alias=books-uk&field-author=Douglas%20D.%20Damm) DD, [Allen](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_3?_encoding=UTF8&search-alias=books-uk&field-author=Carl%20Allen%20Dr.) C, [Bouquot](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_4?_encoding=UTF8&search-alias=books-uk&field-author=Jerry%20E.%20Bouquot) J E. Oral and Maxillofacial Pathology. Saunders. 2008 | 1 | 4 |
| **Head and neck cysts:*** **Odontogenic Cyst**
	+ Premordial
	+ Odontogenic keratocyst
	+ Dentigerous
	+ Eruption cyst and Eruption hematoma
	+ Periodontal and gingival
	+ Paramolar cyst
	+ Glandular odontogenic cyst
	+ Alveolar cyst of neonate
* **Non-odontogenic cysts**
	+ Developmental cysts
		- Fissural cysts
		- Nasopalatine duct cyst
		- Thyroglossal duct cyst
		- Lymphoepithelial cyst
		- Dermoid and epidermoid
		- HOGI-cyst and teratomas
		- Epstine pearls and Bohn's nodules
	+ Pseudo-cysts
		- Traumatic bone cyst
		- Aneurysmal bone cyst
		- Static bone cyst

**Reference book:** Rajendran R, [Shafer](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_1?_encoding=UTF8&search-alias=books-uk&field-author=William%20G.%20Shafer%20BS%20%20DDS%20%20MS) WG, [Hine](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_2?_encoding=UTF8&search-alias=books-uk&field-author=Maynard%20K.%20Hine%20DDS%20%20MS) MK, [Levy](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_3?_encoding=UTF8&search-alias=books-uk&field-author=Barnet%20M.%20Levy%20DDS%20%20MS) BM. Shafers textbook of oral pathology. 7th edition. India: Elsevier: 2011. | 1 | 4 |
| **Odontogenic epithelial tumors:*** Ameloblastoma/all clinical and histological types
* Squamous odontogenic tumour
* Calcifying odontogenic tumour
* Adenomatoid odontogenic tumour
* New classification of WHO

**Reference book:** [Neville](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_1?_encoding=UTF8&search-alias=books-uk&field-author=Brad%20W.%20Neville) B W,  [Damm](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_2?_encoding=UTF8&search-alias=books-uk&field-author=Douglas%20D.%20Damm) DD, [Allen](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_3?_encoding=UTF8&search-alias=books-uk&field-author=Carl%20Allen%20Dr.) C, [Bouquot](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_4?_encoding=UTF8&search-alias=books-uk&field-author=Jerry%20E.%20Bouquot) J E. Oral and Maxillofacial Pathology. Saunders. 2008 | 1 | 4 |
|  **Odontogenic mesenchymal tumours:*** Odontogenic myxoma
* Odontogenic fibroma
* Cemental lesions

**Reference book:** [Neville](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_1?_encoding=UTF8&search-alias=books-uk&field-author=Brad%20W.%20Neville) B W,  [Damm](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_2?_encoding=UTF8&search-alias=books-uk&field-author=Douglas%20D.%20Damm) DD, [Allen](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_3?_encoding=UTF8&search-alias=books-uk&field-author=Carl%20Allen%20Dr.) C, [Bouquot](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_4?_encoding=UTF8&search-alias=books-uk&field-author=Jerry%20E.%20Bouquot) J E. Oral and Maxillofacial Pathology. Saunders. 2008 | 1 | 4 |
| **Mixed odontogenic tumours:*** Ameloblastic fibroma
* Ameloblastic fibro-dentinoma/fibro-odontoma
* Odontomas
* Ameloblastic odonto sarcoma
* Calcifying Cystic Odontogenic Tumor
* Dentinogenic Ghost cell tumor

**Reference book:** [Neville](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_1?_encoding=UTF8&search-alias=books-uk&field-author=Brad%20W.%20Neville) B W,  [Damm](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_2?_encoding=UTF8&search-alias=books-uk&field-author=Douglas%20D.%20Damm) DD, [Allen](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_3?_encoding=UTF8&search-alias=books-uk&field-author=Carl%20Allen%20Dr.) C, [Bouquot](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_4?_encoding=UTF8&search-alias=books-uk&field-author=Jerry%20E.%20Bouquot) J E. Oral and Maxillofacial Pathology. Saunders. 2008 | 1 | 4 |
| **Oral infections I: (Viral)*** Herpes simplex/primary and recurrent
* VZV infections / primary and secondary
* Hand, foot and mouth disease
* Herpangina
* Rubeola and rubella
* Mumps

**Reference book:** [Neville](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_1?_encoding=UTF8&search-alias=books-uk&field-author=Brad%20W.%20Neville) B W,  [Damm](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_2?_encoding=UTF8&search-alias=books-uk&field-author=Douglas%20D.%20Damm) DD, [Allen](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_3?_encoding=UTF8&search-alias=books-uk&field-author=Carl%20Allen%20Dr.) C, [Bouquot](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_4?_encoding=UTF8&search-alias=books-uk&field-author=Jerry%20E.%20Bouquot) J E. Oral and Maxillofacial Pathology. Saunders. 2008 | 1 | 4 |
| **HIV infection*** Etiology and pathogenisis
* General manifestations
* Oral manifestations:
	+ Very common associated oral lesions
	+ Common associated oral lesions
	+ Less common associated oral lesions
* Principles of management

**Reference book**: [Neville](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_1?_encoding=UTF8&search-alias=books-uk&field-author=Brad%20W.%20Neville) B W,  [Damm](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_2?_encoding=UTF8&search-alias=books-uk&field-author=Douglas%20D.%20Damm) DD, [Allen](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_3?_encoding=UTF8&search-alias=books-uk&field-author=Carl%20Allen%20Dr.) C, [Bouquot](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_4?_encoding=UTF8&search-alias=books-uk&field-author=Jerry%20E.%20Bouquot) J E. Oral and Maxillofacial Pathology. Saunders. 2008 | 1 | 4 |
| **Oral infections II: (Bacterial)*** Pyogenic granuloma
* Tuberculosis
* Syphilis
* Actinomycosis
* Scarlet fever
* Noma

**Oral infections III: (Fungal)*** Candidiasis
	+ Acute / pseudomembranous and atrophic
	+ Chronic / atrophic and hyperplastic
	+ Median rhomboid Glossitis
* Histoplasmosis

Deep fungal infections**Reference book:** [Neville](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_1?_encoding=UTF8&search-alias=books-uk&field-author=Brad%20W.%20Neville) B W,  [Damm](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_2?_encoding=UTF8&search-alias=books-uk&field-author=Douglas%20D.%20Damm) DD, [Allen](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_3?_encoding=UTF8&search-alias=books-uk&field-author=Carl%20Allen%20Dr.) C, [Bouquot](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_4?_encoding=UTF8&search-alias=books-uk&field-author=Jerry%20E.%20Bouquot) J E. Oral and Maxillofacial Pathology. Saunders. 2008 | 1 | 4 |
|  **Epithelial pathology I:** * Leukoedema
* White sponge nevus
* Darier’s disease
* Witkop’s disease
* Frictional keratosis
* Nicotine stomatitis
* Solar cheilitis

**Reference book:** [Neville](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_1?_encoding=UTF8&search-alias=books-uk&field-author=Brad%20W.%20Neville) B W,  [Damm](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_2?_encoding=UTF8&search-alias=books-uk&field-author=Douglas%20D.%20Damm) DD, [Allen](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_3?_encoding=UTF8&search-alias=books-uk&field-author=Carl%20Allen%20Dr.) C, [Bouquot](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_4?_encoding=UTF8&search-alias=books-uk&field-author=Jerry%20E.%20Bouquot) J E. Oral and Maxillofacial Pathology. Saunders. 2008 | 1 | 4 |
| **Epithelial pathology I:** * Oral leukoplakia
	+ Homogenous leukoplakias
	+ Non-homogenous leukoplakias
	+ Epithelial dysplasia
	+ LCSP classification and prognosis
* Erythroplakia
* Lichen planus
	+ Reticular
	+ Atrophic
	+ Erosive
	+ Plaque

**Reference book:** [Neville](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_1?_encoding=UTF8&search-alias=books-uk&field-author=Brad%20W.%20Neville) B W,  [Damm](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_2?_encoding=UTF8&search-alias=books-uk&field-author=Douglas%20D.%20Damm) DD, [Allen](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_3?_encoding=UTF8&search-alias=books-uk&field-author=Carl%20Allen%20Dr.) C, [Bouquot](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_4?_encoding=UTF8&search-alias=books-uk&field-author=Jerry%20E.%20Bouquot) J E. Oral and Maxillofacial Pathology. Saunders. 2008 | 1 | 4 |
|  **Pigmentation of oral and perioral tissues:*** Physiologic pigmentations
* Smoking associated pigmentation
* Drug induced pigmentations
* Post-inflammatory pigmentations
* Oral melanotic macule
* Nevi (all types)
* Melanoma
* Amalgam tattoo
* Heavy metal pigmentations
* Adison's disease
* Peutz Jepher syndrome

**Reference book:** [Neville](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_1?_encoding=UTF8&search-alias=books-uk&field-author=Brad%20W.%20Neville) B W,  [Damm](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_2?_encoding=UTF8&search-alias=books-uk&field-author=Douglas%20D.%20Damm) DD, [Allen](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_3?_encoding=UTF8&search-alias=books-uk&field-author=Carl%20Allen%20Dr.) C, [Bouquot](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_4?_encoding=UTF8&search-alias=books-uk&field-author=Jerry%20E.%20Bouquot) J E. Oral and Maxillofacial Pathology. Saunders. 2008 | 1 | 4 |

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| 2 Course components (total contact hours per semester):  |
| Lecture: 28 | Tutorial:  | Laboratory –28 hours lab | Practical/Field work/Internship - | Other:  |

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| 3. Additional private study/learning hours expected for students per week. (This should be an average: for the semester not a specific requirement in each week)2hrs per week / 30 hrs per semester |

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| 4. Development of Learning Outcomes in Domains of Learning For each of the domains of learning shown below indicate:* A brief summary of the knowledge or skill the course is intended to develop;
* A description of the teaching strategies to be used in the course to develop that knowledge or skill;
* The methods of student assessment to be used in the course to evaluate learning outcomes in the domain concerned.
 |
| **a. Knowledge**  |
| (i) Description of the knowledge to be acquired**By the end this course the students will be able to****I.15 Discuss the role of the intrinsic and extrinsic factors in the etiology of oral diseases including cancers.*** Recall the aetiology and pathogenesis of teeth and oral developmental abnormalities.
* Recall the aetiology and pathogenesis of odontogenic lesions.
* Recall the aetiology and pathogenesis of head and neck cysts.
* Recall the aetiology and pathogenesis of odontogenic tumors.
* Recall the aetiology and pathogenesis of oral bacterial, viral and fungal lesions.
* Recall the incidence, aetiology and pathogenesis of oral premalignant lesions.
* Identify histopathological features of oral diseases
* List the microscopic changes of oral diseases
* Recall briefly treatment of oral lesions

**I.16 Recall the clinical features of common bone and soft tissue lesions of the oral cavity.** * Identify the clinical and histopathological features of oral odontogenic diseases.
* Identify the clinical and histopathological features of head and neck cysts.
* Identify the clinical and histopathological features of odontogenic tumors.
* Identify the clinical and histopathological features of oral bacterial, viral and fungal lesions.
* Identify the clinical and histopathological features of oral melanotic lesions.
* Identify the clinical and histopathological features of oral premalignant lesions.
 |
| (ii) Teaching strategies to be used to develop that knowledge* Lectures
* Assignments (Clinico-pathological cases)
* Microscope study lab session
 |
| (iii) Methods of assessment of knowledge acquired* Short-answer questions
* Multiple choice questions (MCQs) &matching items
* Progress test
* Lab exam
 |
| **b. Cognitive Skills** |
| (i) Description of cognitive skills to be developed**By the end this course the students will be able to****II.2 Differentiate between normal and pathological features of the oral tissues.*** Differentiate between normal variations, developmental disturbances and pathological changes of oral tissues
* Differentiate between histopathological features of different oral diseases

**II.5 Formulate differential diagnoses and reach definite diagnosis, if possible.** * Make the differential histopathological diagnosis of different oral lesions.
* Differentiate preneoplastic from other oral lesions and analyse its risk
 |
| (ii) Teaching strategies to be used to develop these cognitive skills* Lectures
* Assignments (Clinico-pathological cases)
* Microscope study lab session
 |
| (iii) Methods of assessment of students cognitive skills * Short-answer questions
* Multiple choice questions (MCQs) &matching items
* Progress test
* Lab exam
 |
| **c. Interpersonal Skills and Responsibility**  |
| (i) Description of the interpersonal skills and capacity to carry responsibility to be developed * Not applicable
 |
| (ii) Teaching strategies to be used to develop these skills and abilities* Not applicable
 |
| (iii) Methods of assessment of students interpersonal skills and capacity to carry responsibility* Not applicable
 |
| **d. Communication, Information Technology and Numerical Skills**  |
| (i) Description of the skills to be developed in this domain.* Not applicable
 |
| (ii) Teaching strategies to be used to develop these skillsNot applicable |
| (iii) Methods of assessment of students numerical and communication skills **\*** Not applicable |
| **e. Psychomotor Skills (if applicable)** |
| (i) Description of the psychomotor skills to be developed and the level of performance required**\*** Not applicable |
| (ii) Teaching strategies to be used to develop these skills\* Not applicable |
| (iii) Methods of assessment of students psychomotor skills* Not applicable
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| 5. Schedule of Assessment Tasks for Students During the Semester |
| Assessment  | Assessment task (eg. essay, test, group project, examination etc.) | Week due | Proportion of Final Assessment |
| 1 | pop quizzes | Weekly | 10% |
| 2  | 1st Quiz  | 5th  | 10% |
| 3 | 2nd Quiz  | 10th  | 10% |
| 4 | Sketching book evaluation  | 15th  | 10% |
| 5 | Case presentations | 5th, 10th and 15th  | 10% |
| 6 | Assignments / E-search | 15th  | 10% |
| 7 | Final Lab examination (OSPE) | 14th  | 10% |
| 8 | Final written exam  | 16th  | 30% |

**D. Student Support**

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| 1. Arrangements for availability of teaching staff for individual student consultations and academic advice. (include amount of time teaching staff are expected to be available each week)All faculties are available for each student during the 2-hours of lab session every week. In addition to 2 sessions (2 hours each) office hours for every faculty/week where students may contact the faculty members for any enquiries.  |

##### E Learning Resources

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| 1. Required Text(s)Oral and Maxillofacial Pathology (Neville, Oral and Maxillofacial Pathology)[Neville](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_1?_encoding=UTF8&search-alias=books-uk&field-author=Brad%20W.%20Neville) B W,  [Damm](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_2?_encoding=UTF8&search-alias=books-uk&field-author=Douglas%20D.%20Damm) DD, [Allen](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_3?_encoding=UTF8&search-alias=books-uk&field-author=Carl%20Allen%20Dr.) C, [Bouquot](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_4?_encoding=UTF8&search-alias=books-uk&field-author=Jerry%20E.%20Bouquot) J E. Oral and Maxillofacial Pathology. Saunders. 2008 |
| 2. Essential References Rajendran R, [Shafer](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_1?_encoding=UTF8&search-alias=books-uk&field-author=William%20G.%20Shafer%20BS%20%20DDS%20%20MS) WG, [Hine](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_2?_encoding=UTF8&search-alias=books-uk&field-author=Maynard%20K.%20Hine%20DDS%20%20MS) MK, [Levy](http://www.amazon.co.uk/s/ref%3Dntt_athr_dp_sr_3?_encoding=UTF8&search-alias=books-uk&field-author=Barnet%20M.%20Levy%20DDS%20%20MS) BM. Shafers textbook of oral pathology. 7th edition. India: Elsevier: 20011.A Textbook of Oral Pathology |
| 3- Recommended Books and Reference Material (Journals, Reports, etc) (Attach List):Regezi JA, Sciubba J, Jordan RCK. Oral Pathology: clinical-pathologic correlations. 6th edition. Philadelphia: W B Saunders co. 2012Oral Pathology: Clinical Pathologic Correlations |
| 4-.Electronic Materials, Web Sites etc1. Journal of Oral Disease/ / <http://www.wiley.com/bw/journal.asp?ref=1354-523x>
2. Journal of Oral Pathology and Medicine/ <http://www.blackwellpublishing.com/journal.asp?ref=0904-2512> /
3. Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology and Endodontology / <http://ees.elsevier.com/tripleo/>
4. British Dental Journal/ <http://www.nature.com/bdj/index.html>
5. Entrenz PubMed <http://www.ncbi.nlm.nih.gov/pubmed>
 |
| 5- Other learning material such as computer-based programs/CD, professional standards/regulations- |

**F. Facilities Required**

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| Indicate requirements for the course including size of classrooms and laboratories (ie number of seats in classrooms and laboratories, extent of computer access etc.) |
| 1. Accommodation (Lecture rooms, laboratories, etc.)* Lecture room for at least 40 students with data show projector and lab top
* Microscopic lab with at least 40 microscopes
* Digital microscope with data show
* Library
 |
| 2. Computing resources* E-Library.
* IT lab. To use the E-library.
 |
| 3. Other resources (specify --eg. If specific laboratory equipment is required, list requirements or attach list) IT lab for digital slides |

**G Course Evaluation and Improvement Processes**

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| 1 Strategies for Obtaining Student Feedback on Effectiveness of TeachingStudent surveys done by the quality assurance unit. Course evaluation questionnaire (NCAAA Form) |
| 2 Other Strategies for Evaluation of Teaching by the Instructor or by the Department* There is no current policy to evaluate teaching by the college other than students feedback.
 |
| 3 Processes for Improvement of Teaching* External visitors are encouraged as per evaluators.
* Continuous education courses and workshops for staff.
 |
| 4. Processes for Verifying Standards of Student Achievement (eg. check marking by an independent member teaching staff of a sample of student work, periodic exchange and remarking of tests or a sample of assignments with staff at another institution)* Inviting external reviewers
 |
| 5 Describe the planning arrangements for periodically reviewing course effectiveness and planning for improvement.* Annual course report.
* Recommendations derived from the course report.
 |

**\* Red color: main ILOs of the Program.**

 **Teaching schedule for Males**

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| **Schedule of Oral Pathology I**  |
| **Date** | **List of Topics** | **Lecturer** |
| 26/01/2014 | Introduction to the course  | Dr Aiman |
| 30/01/2014 | Teeth abnormalities I (Size, shape, number, eruption) | Dr Aiman |
| 02/02/2014 | Teeth abnormalities II (Structure) | Dr Aiman |
| 06/02/2014 | Abnormalities of oral and perioral structures  | Dr Aiman |
| 09/02/2014 | Dental caries | Dr Faraz  |
| 13/02/2014 | Pathology of the pulp  | Prof. Maha |
| 16/02/2014 | Pathology of periapical region  | Prof. Maha |
| 20/02/2014 | Osteomyelitis | Prof. Maha |
| 23/02/2014 | **Case-Based Discussion I** | Dr Aiman |
| **First quiz 3rd March 12.10-1 pm** |
| 27/02/2014 | Head and Neck cysts I | Dr Aiman |
| 02/03/2014 | Head and Neck cysts II  | Dr Aiman |
| 06/03/2014 | Odontogenic tumors I  | Prof. Maha |
| 09/03/2014 | Odontogenic tumors II | Prof. Maha |
| 13/03/2014 | Odontogenic tumors III | Prof. Maha |
| 16/03/2014 | **Case-Based Discussion II** | Dr Faraz |
| 20/03/2014 | Oral infections I: (Viral) | Dr Aiman |
| 30/03/2014 | Oral infections I: (Viral) | Dr Aiman |
| 03/04/2014 | Oral infections I: (Bacterial) | Dr Faraz |
| 06/04/2014 | Oral infections I: (Fungal) | Prof. Maha |
| **S Second quiz 14th April 12.10-1 pm** |
| 10/04/2014 | Epithelial pathology I | Dr Faraz |
| 13/04/2014 | Epithelial pathology I | Dr Aiman |
| 17/04/2014 | Pigmentation of oral and perioral tissues | Dr Faraz |
| 20/04/2014 | Pigmentation of oral and perioral tissues | Dr Faraz |
| 24/04/2014 | **Case-Based Discussion III** | Dr Faraz |
| **Presenting of assignments** (All OP staff+Dr Dina) 27/04/2014 |
| **Final Lab. Exam** (All OP staff+Dr Dina)04/05/2014 |
| **Final written exam**  |

 **Teaching schedule for Females**

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| **Schedule of Oral Pathology I**  |
| **Date** | **List of Topics** | **Lecturer** |
| 27/01/2014 | Introduction to the course  | Dr Aiman |
| 29/01/2014 | Teeth abnormalities I (Size, shape, number, eruption) | Dr Aiman |
| 03/02/2014 | Teeth abnormalities II (Structure) | Dr Aiman |
| 05/02/2014 | Abnormalities of oral and perioral structures  | Dr Aiman |
| 10/02/2014 | Dental caries | Dr Faraz  |
| 12/02/2014 | Pathology of the pulp  | Prof. Maha |
| 17/02/2014 | Pathology of periapical region  | Prof. Maha |
| 19/02/2014 | Osteomyelitis | Prof. Maha |
| 24/02/2014 | **Case-Based Discussion I** | Dr Aiman |
| **First quiz 3rd March 12.10-1 pm**  |
| 26/02/2014 | Head and Neck cysts I | Dr Aiman |
| 03/03/2014 | Head and Neck cysts II  | Dr Aiman |
| 05/03/2014 | Odontogenic tumors I  | Prof. Maha |
| 10/03/2014 | Odontogenic tumors II | Prof. Maha |
| 12/03/2014 | Odontogenic tumors III | Prof. Maha |
| 17/03/2014 | **Case-Based Discussion II** | Dr Faraz |
| 19/03/2014 | Oral infections I: (Viral) | Dr Aiman |
| 31/03/2014 | Oral infections I: (Viral) | Dr Aiman |
| 02/04/2014 | Oral infections I: (Bacterial) | Dr Faraz |
| 07/04/2014 | Oral infections I: (Fungal) | Prof. Maha |
| **Second quiz 14th April 12.10-1 pm** |
| 09/04/2014 | Epithelial pathology I | Dr Faraz |
| 14/04/2014 | Epithelial pathology I | Dr Aiman |
| 16/04/2014 | Pigmentation of oral and perioral tissues | Dr Faraz |
| 21/04/2014 | Pigmentation of oral and perioral tissues | Dr Faraz |
| 23/04/2014 | **Case-Based Discussion III** | Dr Faraz |
| **Presenting of assignments** (All OP staff+Dr Dina) 30/04/2014 |
| **Final Lab. Exam** (All OP staff+Dr Dina)07/05/2014 |
| **Final written exam**  |