Course Specification Form

In Accordance to the Guidelines by the National Commission for Assessment and Academic Accreditation NCAAA

Vice-Dean Ship for Development and Quality at College of Dentistry , King Saud University

Vice Dean-Ship for Development & Quality
TOSHIBA

COURSE SPECIFICATION FORM

Course Specification Form

Institution	**King Saud University**
College/Department	: College of Dentistry

A Course Identification and General Information

1. Course title and code: ***Oral and maxillofacial seminar 1.*** ***514 MDS***
2. Credit hours: 4hrs
3. Program(s) in which the course is offered. (If general elective available in many programs indicate this rather than list programs) **Dentistry – Oral surgery**
4. Name of faculty member responsible for the course Dr: Ahmed al.zahrani Dr Saleh albazie
5. Level/year at which this course is offered : Post grad.
6. Pre-requisites for this course (if any)
7. Co-requisites for this course (if any)
8. Location if not on main campus MUC

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B Objectives

1. Summary of the main learning outcomes for students enrolled in the course.
1- Patient assessment and examination with a scientific identification of the surgical problems 2- Appropriate sequence of surgical care in the overall treatment plan 3- How to manage maxillofacial trauma patients? 4- Surgical techniques for reduction and fixation of maxillofacial fractures. 5- The controversies of condylar and subcondylar fractures management. 6- How to manage patients with infection (facial spaces)? 7- Management of zygomatic and naso-ethmoid-orbital fractures 8- Management of pediatric maxillofacial trauma. 9- Neurosurgical considerations in craniofacial trauma. 10- Radiology for maxillofacial trauma 11- Oral cancer and its team approach. 12- Salivary gland diseases and management. 13- Head and neck tumors 14- Principles of reconstructive surgery. 15- Orthognathic surgery
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)

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

1 Topics to be Covered

Topic	No of Weeks	Contact hours
Introduction to the course	1	2
Chapter 2: Primary Care of Maxillofacial Injuries	1	4
Chapter 3: Establishing a Clinical Diagnosis and Surgical Treatment Plan	1	4
Chapter 4: Principles of Fracture Management: Timing, Reduction, and Choice of Fixation	1	4
Chapter 5: Surgical Management of Mandibular, Condylar Neck and Atrophic mandible Fractures	1	4
1. Dental Infections I Chapter 6: Surgical management of Maxillary Fractures	1	4
1. Chapter 7: Fractures of the Zygoma	1	4
1. Chapter 8: Management of Craniofacial, Nasoethmoid, and Grossly Comminuted Midface Fractures	1	4
Chapter 9: Periorbital and Intraorbital Trauma and Orbital Reconstruction	1	4

1. Chapter 10: Pediatric Maxillofacial Trauma	1	4
1. Chapter 11: Primary Management of Soft Tissue Trauma and Nerve Reconstruction	1	4
1. Chapter 12: Neurosurgical Considerations in Craniofacial Trauma	1	4
1. Chapter 13: Radiology for Maxillofacial Trauma	1	4
Chapter 14: Prognostic Factors in the Oral, Oropharyngeal, and Salivary Gland Cancer	1	4
1. Chapter 15: The Team Approach in the Management of Oral Cancer	1	4
1. Chapter 20: Nasal and Paranasal Sinus Tumors	1	4
1. Chapter 21: Primary Tumors of the Neck	1	4
1. Chapter 23: Clinical Pathology: Odontogenic Tumors of the Jaws	1	4
Chapter 24: An overview of the Principles of Reconstructive Surgery		

1. Chapter 33: Principles of Management of Salivary Gland Disease	1	4
Chapter 34: Surgical Techniques for Parotid and Submandibular Glands and Branchial Cysts	1	4
1. Chaper36 : Cutaneous lesions of the Periorbital and Lid Region	1	4
1. Chapter 37: Cutaneous Lip Lesions and Reconstruction	1	4
1. Chapter 38: Prosthetic Rehabilitation and Implantology after Cancer Ablation	1	4
1. Chapter 39: Reconstruction after Tumor Ablation: Extraoral Implants	1	4
Chapter 41: Vascular Lesions of the Head and Neck	1	4
Orthognathic surgery 1	1	4
Orthognathic surgery 2	2	4

Lecture: 28	Tutorial:	Practical/Fieldwork/Internship:	Other:

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)

Students should spend a minimum of 4 hours per week

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

The student will be able to asses both the general medical condition of the patient as well as the maxillofacial area surgical problems.

2. The student should be able to deal with the hospitalized patient and attend and may asses in major maxillofacial operations.

3. Diagnosis and management of complications resulting from minor surgical procedures with appropriate patient follow up.

4. Patient assessment and examination with a scientific identification of the surgical problems

Appropriate sequence of surgical care in the overall treatment plan

How to manage maxillofacial trauma patients?

Surgical techniques for reduction and fixation of maxillofacial fractures.

The controversies of condylar and subcondylar fractures management.

How to manage patients with infection (facial spaces)?

Management of zygomatic and naso-ethmoid-orbital fractures

Management of pediatric maxillofacial trauma.

Neurosurgical considerations in craniofacial trauma.

Radiology for maxillofacial trauma

Oral cancer and its team approach.

Salivary gland diseases and management.

Head and neck tumors

Principles of reconstructive surgery.

5. Orthognathic surgery appropriate referral form for other specialties

Student should be able to diagnosis and be aware of the treatment of benign and malignant tumors

(ii) Teaching strategies to be used to develop that knowledge

- Lectures
- Discussion

(iii) Methods of assessment of knowledge acquired

First semester

Second semester

1- First written exam
2- second written exam
3- comprehensive final oral exam
4- final written exam

a. Cognitive Skills

Critical thinking

- Problem solving

- Judgment skill

-Decision making

(i) Cognitive skills to be developed

1. Ability to think critically and analytically (EXAMPLE)

(ii) Teaching strategies to be used to develop these cognitive skills

- Presentation of complicated clinical cases to students and they are asked to formulate a treatment plan.

- Clinical instructor- student clinical case discussion

(iii) Methods of assessment of students cognitive skills

- Evaluation of clinical case discussion
- Take home duties

c. Interpersonal Skills and Responsibility

(i) Description of the interpersonal skills and capacity to carry responsibility to be developed

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(ii) Teaching strategies to be used to develop these skills and abilities

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(iii) Methods of assessment of students interpersonal skills and capacity to carry responsibility

d. Communication, Information Technology and Numerical Skills

(i) Description of the skills to be developed in this domain.

How to search and use the internet to cope with the course demand

How to judge different articles in the same subject and subtract proper information

How to do professional presentation

(ii) Teaching strategies to be used to develop these skills

Discussion

Take home projects

(iii) Methods of assessment of students numerical and communication skills

Direct evaluation of the take home projects

Open discussion

e. Psychomotor Skills (if applicable)

(i) Description of the psychomotor skills to be developed and the level of performance required

Self-monitoring fine motor skills (gentle manipulation of the tissues)

Maintaining hand control under stressful conditions

(ii) Teaching strategies to be used to develop these skills

- Live, audio visual demonstration of different clinical situations

(iii) Methods of assessment of students psychomotor skills

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
	1st C.A.T.	16	20 %
	2nd C.A.T.	26	20 %

	Final exam		
	oral	29	30%
	written	30	30%

D. Student Support

1. Arrangements for availability of faculty for individual student consultations and academic advice. (include amount of time faculty are available each week)

E. Learning Resources

1. Required Text(s) Title: Maxillofacial Surgery, Second Edition, Volume 1 Authors: Peter Booth, Stephen Schendel, Jary-Erich Hausamen
2. Essential References
3- Recommended Books and Reference Material (Journals, Reports, etc) (Attach List)
4-.Electronic Materials, Web Sites etc

Faculty web sites, mediscape and pubmed web sites
5- Other learning material such as computer-based programs/CD, professional standards/regulations

F. Facilities Required

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.) For Lectures one single room is available
2. Computing resources
3. Other resources (specify --eg. If specific laboratory equipment is required, list requirements or attach list)

G Course Evaluation and Improvement Processes

1 Strategies for Obtaining Student Feedback on Effectiveness of Teaching Questionnaire and personnel discussion

2 Other Strategies for Evaluation of Teaching by the Instructor or by the Department
3 Processes for Improvement of Teaching Department meeting and discussion with the faculty to improve the teaching process Discussion of the student's suggestions to improve certain items
4. Processes for Verifying Standards of Student Achievement (eg. check marking by an independent faculty member of a sample of student work, periodic exchange and remarking of a sample of assignments with a faculty member in another institution) The student is evaluated by at least by three different faculty members
5. Describe the planning arrangements for periodically reviewing course effectiveness and planning for improvement. Monthly meeting of the department members