

## Course Description Form

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| <b>1. Course Name:</b>                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                       |
| Oral Surgery                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                       |
| <b>2. Course Code: ZUDE0303</b>                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                       |
|                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                       |
| <b>3. Semester / Year:</b>                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                       |
| Annual                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                       |
| <b>4. Description Preparation Date:</b>                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                       |
| 2025-2026                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                       |
| <b>5. Available Attendance Forms:</b>                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                       |
| Lectures (Theory) + Labs (Practical, Weekly)                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                       |
| <b>6. Number of Credit Hours (Total) / Number of Units (Total)</b>                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                       |
| Theory:1 h/wk. Laboratory:2 h/wk. (1 theoretical hour and two practical hours per week)                                                                                                                    |                                                                                                                                                                                                                                                                                                                                       |
| <b>7. Course administrator's name (mention all, if more than one name)</b>                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                       |
| <b>Name:</b> Samer amori Jassem<br><b>Email:</b> <a href="mailto:samir1986amorry@gmail.com">samir1986amorry@gmail.com</a><br><b>Name:</b> Asmaa mohammad mhana<br><b>Email:</b> asmaa.muhana@alzahu.edu.iq |                                                                                                                                                                                                                                                                                                                                       |
| <b>8. Course Objectives</b>                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                       |
| <b>Course Objectives</b>                                                                                                                                                                                   | -Knowledge of principles of oral surgery and how to deal with pathients starting from diagnosis till the start of minor oral surgical procedures inside the clinic and under local anesthesia and in the second part the local anesthesia and their principles to deal with the complications of these subjects                       |
| <b>9. Teaching and Learning Strategies</b>                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                       |
| <b>Strategy</b>                                                                                                                                                                                            | <ol style="list-style-type: none"> <li>1. Use PowerPoint lectures.</li> <li>2. Method of debate and discussion.</li> <li>3. Education in laboratories to acquire scientific skills.</li> <li>4. Reports and projects.</li> <li>5. Student groups and Workshops.</li> <li>6. Scientific trips.</li> <li>7. Oral discussions</li> </ol> |

| <b>10.Course Structure (Theory)</b> |                  |                                        |                                                                  |                        |                          |
|-------------------------------------|------------------|----------------------------------------|------------------------------------------------------------------|------------------------|--------------------------|
| <b>Week</b>                         | <b>Hours</b>     | <b>Subject Title</b>                   | <b>Required learning outputs</b>                                 | <b>Teaching Method</b> | <b>Assessment Method</b> |
| <b>First Semester</b>               |                  |                                        |                                                                  |                        |                          |
| 1                                   | 1 hr .<br>Theory | Introduction                           | Diagnosis in oral surgery                                        | Power Point            | Quiz                     |
| 2                                   | 1 hr .<br>Theory | Introduction                           | Diagnosis in oral surgery                                        | Power Point            | Quiz                     |
| 3                                   | 1 hr .<br>Theory | Aseptic techniques                     | Infection Control in Surgical Practice                           | Power Point            | Quiz                     |
| 4                                   | 1 hr .<br>Theory | Maintenance of Sterility               | Infection Control in Surgical Practice                           | Power Point            | Quiz                     |
| 5                                   | 1 hr .<br>Theory | Extraction of teeth (exodontia).       | Extraction of teeth and Contra indications of extraction         | Power Point            | Quiz                     |
| 6                                   | 1 hr .<br>Theory | Contra-indications of teeth extraction | Extraction of teeth and Contra indications of extraction         | Power Point            | Quiz                     |
| 7                                   | 2 Hrs.<br>Theory | Position of the operator.              | General arrangement for extraction and Dental forceps (types)    | Power Point            | Quiz                     |
| 8                                   | 1 hr .<br>Theory | Forceps for the mandibular teeth.      | General arrangement for extraction and Dental forceps (types)    | Power Point            | Quiz                     |
| 9                                   | 1 hr .<br>Theory | Handling of the forceps.               | Techniques of forceps extraction and post-operative instructions | Power Point            | Quiz                     |
| 10                                  | 1 hr .<br>Theory | Point of application.                  | Elevators                                                        | Power Point            | Quiz                     |
| 11                                  | 1 hr .<br>Theory | Clinical uses of elevators.            | Elevators                                                        | Power Point            | Quiz                     |
| 12                                  | 1 hr .<br>Theory | Complications                          | Complications of dental extraction                               | Power Point            | Quiz                     |

|                        |                  |                                                       |                                      |             |      |
|------------------------|------------------|-------------------------------------------------------|--------------------------------------|-------------|------|
|                        |                  |                                                       |                                      |             |      |
| 13                     | 1 hr .<br>Theory | Complications                                         | Complications of dental extraction   | Power Point | Quiz |
| 14                     | 1 hr .<br>Theory | Instruments of basic oral surgery.                    | Basic surgical instruments           | Power Point | Quiz |
| 15                     | 1 hr .<br>Theory | Neurophysiology                                       | Introduction to local anesthesia     | Power Point | Quiz |
| <b>Second Semester</b> |                  |                                                       |                                      |             |      |
| 1                      | 1 Hrs.<br>Theory | Pharmacokinetics of local anesthetics                 | Pharmacology of local anesthesia     | Power Point | Quiz |
| 2                      | 1 Hrs.<br>Theory | Specific agents                                       | Pharmacology of local anesthesia     | Power Point | Quiz |
| 3                      | 1 hr .<br>Theory | Trigeminal nerve:                                     | Surgical anatomy in local anesthesia | Power Point | Quiz |
| 4                      | 1 hr .<br>Theory | Osteology of the maxilla<br>Osteology of the mandible | Surgical anatomy in local anesthesia | Power Point | Quiz |
| 5                      | 1 hr .<br>Theory | Armamentarium                                         | Instruments of local anesthesia      | Power Point | Quiz |
| 6                      | 1 hr .<br>Theory | Basic injection techniques                            | Techniques of local anesthesia       | Power Point | Quiz |
| 7                      | 1 hr .<br>Theory | local anesthesia procedures                           | Techniques of local anesthesia       | Power Point | Quiz |
| 8                      | 1 hr .<br>Theory | Supplemental injection techniques                     | Techniques of local anesthesia       | Power Point | Quiz |
| 9                      | 1 hr .<br>Theory | Local Complications                                   | Complications of local anesthesia    | Power Point | Quiz |
| 10                     | 1 hr .<br>Theory | Postanesthetic intraoral lesions                      | Complications of local anesthesia    | Power Point | Quiz |
| 11                     | 1 hr .<br>Theory | Systemic complications                                | Complications of local anesthesia    | Power Point | Quiz |
| 12                     | 1 hr .<br>Theory | computer controlled local anesthetic delivery         | Advances in local anesthesia         | Power Point | Quiz |
| 13                     | 1 hr .<br>Theory | Sedation techniques                                   | Conscious sedation                   | Power Point | Quiz |

|    |                  |                                               |                                             |             |      |
|----|------------------|-----------------------------------------------|---------------------------------------------|-------------|------|
|    |                  |                                               |                                             |             |      |
| 14 | 1 hr .<br>Theory | Types of general anesthesia used in dentistry | Fundamentals of general anesthesia          | Power Point | Quiz |
| 15 | 1 hr .<br>Theory | Overview of medical emergencies               | Medical emergencies during dental treatment | Power Point | Quiz |

| 10.Course Structure (Practical)                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |                                                  |                                                      |                       |                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--------------------------------------------------|------------------------------------------------------|-----------------------|-------------------|
| Week                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Hours                | Required learning outputs                        | Subject Title                                        | Teaching Method       | Assessment Method |
| First Semester                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                      |                                                  |                                                      |                       |                   |
| 1-15                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 15 Hrs.<br>Practical | All same theoretical subjects                    | All same theoretical subjects                        | Power Points          | Quiz              |
| Second Semester                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |                                                  |                                                      |                       |                   |
| 1-15                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 15 Hrs.<br>Practical | All same theoretical subjects in second semester | All same theoretical subjects in second semester     | Power Point+ seminars | Quiz              |
| 11. Course Evaluation                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                      |                                                  |                                                      |                       |                   |
| <ul style="list-style-type: none"> <li>50 Marks along the year: divided as :<br/>First course: 25 Theoretical including two exams, homework, reports, quizzes + 8 marks in practical part including quizzes, reports, Homework<br/>Second course: 25 Theoretical including two exams, homework, reports, quizzes + 8 marks in practical part including quizzes, reports, homework</li> <li>20 Marks: Practical Final exam</li> <li>30 Marks: Theoretical Final Exam</li> </ul> |                      |                                                  |                                                      |                       |                   |
| 12. Learning and Teaching Resources                                                                                                                                                                                                                                                                                                                                                                                                                                            |                      |                                                  |                                                      |                       |                   |
| Required textbooks (curricular books, if any)                                                                                                                                                                                                                                                                                                                                                                                                                                  |                      |                                                  | Contemporary Oral and Maxillofacial Surgery 6th 2014 |                       |                   |
| Main references (sources)                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |                                                  | Internet and research gate articles sources          |                       |                   |