**National Commission for Academic Accreditation & Assessment**

**Course Specification**

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| Institution University Of Dammam |
| College/Department Dentistry- Dental Education |

**A Course Identification and General Information**

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| 1. Course title and code: **Comprehensive Clinical Dentistry (CCD)**- **DTEDU (631 and 652)** |
| 2. Credit hours: 10 credit hours. One lecture/presentation and four clinical sessions every week over two semesters. |
| 3. Program(s) in which the course is offered.(If general elective available in many programs indicate this rather than list programs) **Undergraduate dental program** |
| 4. Name of faculty member responsible for the course  **Moataz Farouk Elgezawi** |
| 5. Level/year at which this course is offered: Sixth year |
| 6. Pre-requisites for this course (if any)All courses of the fifth year |
| 7. Co-requisites for this course (if any) ---------------------------- |
| 8. Location if not on main campus --------------------------------- |

**B Objectives**

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| 1. Summary of the main learning outcomes for students enrolled in the course.  This course is aimed at enhancing and expanding the clinical experiences of students and their ability to comprehensively manage different oral and dental health problems. This would provide a broader basis for a competent general dental practice imparting biomechanically, functionally and aesthetically optimum treatment outcomes conductive to complete patient satisfaction and welfare. At the end of the course each student should be able to  1- Perform a comprehensive diagnosis of oral and dental health problems accurately employing all diagnostic tools.  2- Develop a comprehensive treatment plan conductive to re-establishing and maintaining optimum status of health, function, aesthetics, patient satisfaction and welfare.  3-Competently carry-out all prevention, intervention procedures as well as accurately prescribe adjunctive therapeutic measures. |
| 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)  - Interactive and interdisciplinary cases evaluation and selection according to the criteria fitting the requirements of the course.  - Periodically reviewing progress in comprehensively diagnosing and designing suitable treatment plans through assigned reports, online patient records and seminars.  - Online documenting treatment progress and modifications in treatment plans.  - Organizing a set of video OSCE exams to augment critical thinking skills.  - Suggesting different websites containing videos for procedures, published case reports of concern as well as evidence based reports. |

**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 of  Weeks | Contacthours |
| Indirect tooth colored restorations: clinical aspects | 1 | 1 |
| Occlusion in prosthodontics: Scenarios for occlusal analysis | 1 | 1 |
| Endodontic retreatment : cases reports | 1 | 1 |
| Periodontal aspects in fixed prosthodontics (surgical crown lengthening):  Case report | 1 | 1 |
| Periodontal aspects in prosthodontics (fixed prosthodontics): Cases reports | 1 | 1 |
| Clinical aspects in designing removable partial dentures: cases reports | 1 | 1 |
| Clinical challenges of restoring esthetics (operative): Cases reports | 1 | 1 |
| Replantation procedures(oral surgery): case report | 1 | 1 |

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| 2 Course components (total contact hours per semester): | | | | |
| Lecture:  1 lecture per week | Tutorial:  1 seminar/week | Laboratory | Practical/Field work/Internship  Four clinical sessions/week | 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)  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

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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** |
| 1. Description of the knowledge to be acquired   -This course is based on conjoint knowledge developed previously throughout the different courses. However, selective topics of clinical relevance that augment the effectiveness of conducting an interdisciplinary approach in patient management will be outlined. |
| (ii) Teaching strategies to be used to develop that knowledge  Direct lecturing, discussions and seminars. |
| (iii) Methods of assessment of knowledge acquired  Mid-year written exam- Final written exam- Oral exam |
| **b. Cognitive Skills** |
| 1. Description of cognitive skills to be developed   The following cognitive skills are further developed as a part of developing comprehensive and interdisciplinary experience in patient management.  At the end of the course, students should be able to:  Apply suitable diagnostic tools in addressing comprehensive definitive diagnosis of all oral and dental health problems.  Explain to patients, phase by phase, the most appropriate interdisciplinary treatment plan and sequence of progress.  Point out the mostappropriate prevention techniques, therapeutic adjuncts and maintenance methods.  Illustrate the basis of modifying interdisciplinary treatment plans during treatment course progress. |
| (ii) Teaching strategies to be used to develop these cognitive skills  - Direct discussions and cases scenarios that augment critical thinking.  - Giving examples of integrated approaches in designing and contemplating comprehensive patient management in certain selected clinical cases reports. |
| (iii) Methods of assessment of students cognitive skills  Seminars, direct discussions, final oral exam and written exams |
| **c. Interpersonal Skills and Responsibility** |
| (i) Description of the interpersonal skills and capacity to carry responsibility to be developed  Augmenting and enhancing skills of participation in groups, leadership, personal and social responsibilities including ethical behavior and desire to undertake further self -initiated learning. |
| (ii) Teaching strategies to be used to develop these skills and abilities  Participation in appropriate group activities with reflection on performance and advice as well as case studies providing the views and actions for persons that students respect. |
| (iii) Methods of assessment of students interpersonal skills and capacity to carry responsibility  -Formative assessment through daily supervision and discussion.  -Summative assessment through evaluation of seminars and final oral exam. |
| **d. Communication, Information Technology and Numerical Skills** |
| 1. Description of the skills to be developed in this domain.   - Explain to the patient the most appropriate comprehensive treatment plan and any need for its modification at any time during the course of the treatment.  Reporting progress in comprehensive treatment plan and any modification.  Outline the interdisciplinary manner in conducting different treatment plan phases.  Describe difficulties and challenges faced during the different treatment plan phases. |
| 1. Teaching strategies to be used to develop these skills   Students assignments using information and communication technology |
| (iii) Methods of assessment of students numerical and communication skills  -Formative through daily supervision and discussion of faculty members from different disciplines  - Summative through seminars and a final oral exam |
| **e. Psychomotor Skills (if applicable)** |
| 1. Description of the psychomotor skills to be developed and the level of performance required   -Operate in a multidisciplinary approach the different procedures included in the various clinical branches of dentistry under supervision of faculty members from different specialities. |
| 1. Teaching strategies to be used to develop these skills   Direct clinical supervision and feedback regarding the quality of work of the students. |
| 1. Methods of assessment of students psychomotor skills   -Daily clinical evaluation for each respective speciality. |

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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 | Daily Clinical evaluation |  | 10 |
| 2 | 2 OSCE ( one/term) |  | 5% |
| 3 | Clinical requirement |  | 35% |
| 4 | Treatment plan session |  | 10% |
| 5 | Mid-year written exam |  | 10% |
| 6 | Final presentation of treated cases |  | 10% |
| 7 | Final oral exam |  | 10% |
| 8 | Final written exam |  | 10% |
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**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)  Contributing members will be available in each clinical session and seminar for consultation and advice upon individual students request. |

##### E Learning Resources

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| 1. Required Text(s) |
| 2. Essential References  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 3- Recommended Books and Reference Material (Journals, Reports, etc) (Attach List)  -J. dental clinics of North America.  - J. Clinical Oral investigations.  - J.Prosthodontics  -J. Evidence Based Dental Practice |
| 4-.Electronic Materials, Web Sites etc  Selective articles and web sites of clinical relevance provided by faculty members of different disciplines. |
| 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.)  Facility is available according to course requirement. |
| 2. Computing resources  Computers are available according to students requirement. |
| 3. Other resources (specify --eg. If specific laboratory equipment is required, list requirements or attach list)  All resources required for course are available |

**G Course Evaluation and Improvement Processes**

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| 1 Strategies for Obtaining Student Feedback on Effectiveness of Teaching  Student evaluation and feedback using questionnaires and course evaluation survey provided by UOD: Students experience survey- program evaluation- Student survey on lecturing skills.  -Focus group discussion with a small group of students |
| 2 Other Strategies for Evaluation of Teaching by the Instructor or by the Department  Observation and assistance of contributing faculty members |
| 3 Processes for Improvement of Teaching  Conducting workshops on teaching methods and teaching strategies. |
| 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)   * Checking samples of examination papers, assignments form different dental colleges. * Inviting external examiners. |
| 5 Describe the planning arrangements for periodically reviewing course effectiveness and planning for improvement.   * Periodical students and contributing faculty members reviewing regarding the quality of the course and need for improvement |