

Course Title	Removable Prosthodontics III				
Course Code	DES360				
Course Type	Compulsory				
Level	Bachelor of Dentistry				
Year / Semester	3 rd year / 6 th semester				
Teacher's Name	TBA				
ECTS	4	Lectures / week	1 hr / 13 weeks + exam week	Laboratories / week	3 hrs / 13 weeks
Course Purpose and Objectives	<p>Purpose:</p> <p>Removable Prosthodontics is a subspecialty of Prosthodontics dealing with the replacement of missing teeth through the provision of removable prostheses. These may be either partial dentures, when there are some remaining teeth which are used to anchor the prosthesis, or complete dentures, when all the teeth in a jaw are missing. Even though modern implant dentistry may provide better options for the patient compared to a removable prosthesis, there are many cases where implant treatment is contraindicated or declined by the patient due to the associated surgical procedures and increased costs. In these cases, a removable prosthesis may be the only option for the patient to replace the missing teeth and restore the facial appearance and the functions of speech and mastication.</p> <p>Objectives:</p> <p>This course covers in detail all necessary considerations in order to minimize any risks for the students, the patients and the remaining oral structures in the design, fabrication, delivery and use of removable complete dentures.</p>				
Learning Outcomes	<p>Upon successful completion of this course students should be able to:</p> <ul style="list-style-type: none"> • Decide if a removable complete denture is indicated • Design a removable complete denture so as to minimize the potential damage to the remaining oral tissues • Describe all the clinical and laboratory stages required to deliver a removable complete denture • Review and maintain a removable complete denture as appropriate 				

Prerequisites	None	Co-requisites	None
Course Content	<p>In that regard, students will familiarize themselves with the following Modules:</p> <ul style="list-style-type: none"> • Re-introduction to Complete Denture Prosthodontics; principles of diagnosis and treatment planning for removable complete dentures (CDs) • Risk analysis and management in treatment planning for CDs; reasons for failure • Nutrition, mastication and occlusion in CD prosthodontics • Component parts of CDs: denture base materials and considerations • Component parts of CDs: polished surfaces and artificial teeth • Mouth preparations for CDs • Clinical steps to achieve complete denture retention, support and stability • Complete denture jaw relationship registration • Complete denture trial insertion • Complete denture placement and adjustments; patient instructions for use and prosthesis hygiene • Assessment of existing CDs and the decision to repair, modify or prescribe a new prosthesis; the copy denture technique • Relining, repairs and modifications to CDs • Duplication of edentulous casts • Custom tray fabrication for CD secondary impressions • CD secondary impressions • Beading, boxing and casting CD secondary impressions • Fabrication of maxillary temporary base and wax occlusion rims for CDs • Fabrication of mandibular temporary base and wax occlusion rims for CDs • Jaw relationship registration simulation and mounting edentulous casts on articulator • Setting up anterior artificial teeth for CDs • Setting up posterior artificial teeth for CDs • Finalizing the occlusion for CDs • Finalizing the wax trial pattern for CDs • Complete denture adjustments 		

Teaching Methodology	Lectures, Laboratories, Face-to-face								
Bibliography	<p>Textbooks:</p> <p>Carr AB, Brown DT. McCracken's Removable Partial Prosthodontics. St. Louis: Elsevier, 2016.</p> <p>Zarb GA, Hobkirk J, Eckert S, Jacob R. Prosthodontic Treatment for Edentulous Patients: Complete Dentures and Implant-Supported Protheses. St. Louis: Elsevier, 2013.</p> <p>Additional reading:</p> <p>Journals will be provided throughout the semester</p> <p>O'Brien WJ. Dental Materials and Their Selection. Hanover Park, Illinois: Quintessence Publishing, 2008.</p> <p>Budtz-Jorgensen E. Prosthodontics for the Elderly: Diagnosis and Treatment. Hanover Park, Illinois: Quintessence Publishing, 1999.</p>								
Assessment	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">Final Examination</td> <td style="width: 30%; text-align: center;">60%</td> </tr> <tr> <td>Laboratory / Clinical Work / Oral presentations</td> <td style="text-align: center;">30%</td> </tr> <tr> <td>Participation and attendance</td> <td style="text-align: center;">10%</td> </tr> <tr> <td>Total</td> <td style="text-align: center;">100%</td> </tr> </table>	Final Examination	60%	Laboratory / Clinical Work / Oral presentations	30%	Participation and attendance	10%	Total	100%
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Language	English								