

Course Title	Removable Prosthodontics II				
Course Code	DES315				
Course Type	Compulsory				
Level	Bachelor of Dentistry				
Year / Semester	3 rd year / 5 th semester				
Teacher's Name	TBA				
ECTS	4	Lectures / week	2 hrs / 13 weeks + exam week	Laboratories / week	2 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 partial 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 partial denture is indicated • Design a removable partial denture in a way that minimizes the potential damage to the remaining oral tissues • Safely execute the clinical and laboratory stages required to deliver a removable partial denture • Review and maintain a removable partial denture as 				

	appropriate in order to ensure its longevity		
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 Removable Prosthodontics; principles of diagnosis and treatment planning for removable partial dentures (RPDs) • Risk analysis and management in treatment planning for RPDs; reasons for failure • Nutrition, mastication and occlusion in RPD prosthodontics • Component parts of RPDs: major and minor connectors, rests and rest seats • Component parts of RPDs: direct and indirect retainers; denture base considerations • Preparation of abutment teeth for RPDs • Support for the distal extension denture base • Laboratory prescription for RPDs; placement and adjustments; patient instructions for use and prosthesis hygiene • Relining, repairs and modifications to RPDs • Temporary / Transitional RPDs • Assessment of existing RPDs and the decision to repair or prescribe a new prosthesis • Evaluation of different RPD design considerations from a clinical perspective • Surveying of primary casts & RPD design • Custom tray fabrication for RPD secondary impressions • Tooth preparations for RPDs and secondary impressions • Primary impressions clinical exercise and casting in gypsum • Cast modification and fabrication of wax bases and occlusal rims for RPDs • Jaw relationship registration and mounting casts on articulator • Setting up anterior artificial teeth for RPDs • Setting up posterior artificial teeth for RPDs • Primary cast survey and design of a RPD metal framework to be constructed by external laboratory • Design of a temporary acrylic RPD to be constructed by external laboratory • Metal framework assessment & fabrication of wax occlusion rims on metal framework • Setting up artificial teeth on metal framework 		
Teaching Methodology	Lectures, Laboratories, Face-to-face		

Bibliography	Textbook: Carr AB, Brown DT. McCracken's Removable Partial Prosthodontics. St. Louis: Elsevier, 2016.								
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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