

Course Title	Fixed and Removable Prosthodontics I				
Course Code	DES410				
Course Type	Compulsory				
Level	Bachelor (1 <sup>st</sup> Cycle)				
Year / Semester	4 <sup>th</sup> year / 7 <sup>th</sup> semester				
Teacher's Name	TBA				
ECTS	5	Lectures / week	1 hr / 13 weeks + exam week	Clinic / week	4 hrs / 13 weeks
Course Purpose and Objectives	<p>The objective of this course is to enable the students to safely execute all clinical stages for delivery of a removable partial denture to a patient.</p> <p>In regards to fixed prosthodontics the objective is to enhance the existing knowledge and be able to plan and execute complex fixed single and multi-unit prostheses.</p>				
Learning Outcomes	<p>Upon successful completion of this course students should be able to:</p> <ul style="list-style-type: none"> <li>• Conduct in a professional manner in a clinical setting</li> <li>• Devise a preliminary overall treatment plan</li> <li>• Execute all clinical stages required for delivery of a removable partial denture</li> <li>• Design a single or multi-unit fixed prosthesis</li> <li>• Operate CAD/CAM in modern prosthodontics</li> <li>• Evaluate the outcome of each clinical session</li> </ul>				
Prerequisites	None	Co-requisites	None		
Course Content	<ul style="list-style-type: none"> <li>• (Fixed &amp; Removable) Introduction to clinical Dentistry (Clinical governance, health and safety in a clinical setting and professional conduct, Impressions &amp; Preliminary Jaw relations)</li> <li>• (Fixed) Clinical Assessment (Examination, Hard tissue charting, Perio charting, BPE, Plaque and Bleeding distribution)</li> <li>• (Removable) Treatment planning and delivery of immediate replacement RPD</li> <li>• (Fixed) Introduction to fourth years Crowns &amp; Bridges</li> </ul>				

	<ul style="list-style-type: none"> <li>• (Removable) Surveying and RPD design</li> <li>• (Fixed) Pontic design and margins</li> <li>• (Removable) Mouth preparation for definitive RPD</li> <li>• (Fixed) Milled Crowns and Semi-precision attachments</li> <li>• (Removable) Clinical Step-by-Step RPD Delivery</li> <li>• (Fixed) Complex bridges (Longevity, design)</li> <li>• (Removable) Placement and follow-up of RPD</li> <li>• (Fixed &amp; Removable) CAD/CAM in Fixed and Removable Prosthodontics</li> <li>• (Fixed &amp; Removable) Revision lecture</li> </ul>
Teaching Methodology	Face-to-face
Bibliography	<p>Shillingburg HT, Sather Jr DA, Wilson Jr EL, Cain JR, Mitchell DL, Blanco LJ, Kessler JC. Fundamentals of Fixed Prosthodontics. Hanover Park, Illinois: Quintessence Publishing, 2012.</p> <p>Rosenstiel SF, Land MF, Fujimoto J. Contemporary Fixed Prosthodontics. St. Louis: Elsevier, 2015.</p> <p>Hagiwara Y. Color Atlas of Fixed Prosthodontics. Hanover Park, Illinois: Quintessence Publishing, 2013.</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>

	Budtz-Jorgensen E. Prosthodontics for the Elderly: Diagnosis and Treatment. Hanover Park, Illinois: Quintessence Publishing, 1999.									
Assessment	<table border="1"> <tr> <td>Final Examination</td> <td>60%</td> </tr> <tr> <td>Laboratory / Clinical Work / Oral presentations</td> <td>30%</td> </tr> <tr> <td>Participation and attendance</td> <td>10%</td> </tr> <tr> <td>Total</td> <td>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									