

Course Title	Fixed and Removable Prosthodontics II				
Course Code	DES455				
Course Type	Compulsory				
Level	Bachelor (1 st Cycle)				
Year / Semester	4 th year / 8 th semester				
Teacher's Name	TBA				
ECTS	5	Lectures / week	1 hr / 13 weeks + exam week	Clinic / week	4 hrs / 13 weeks + 5 hrs / 6 weeks
Course Purpose and Objectives	<p>The aim of this course it to be able to plan and treat complex restorative cases. Understand when it is appropriate to remove teeth and fabricated immediate and definitive treatment plans. Furthermore, the students will get an overview of implant dentistry.</p> <p>In regards to removable prosthodontics the objective of this course is to enable the students to safely execute all clinical stages for delivery of a removable complete denture to a patient for advanced difficulty cases.</p>				
Learning Outcomes	<p>Upon successful completion of this course students should be able to:</p> <ul style="list-style-type: none"> • Fabricate evidence based complex treatment plans involving alterations in OVD • Evaluate prognosis of teeth • Discuss the importance of composite resin in modern conservative prosthodontics • Design, fabricate and deliver immediate replacement CDs • Design, treatment plan and deliver tooth supported complete overdentures • Design, treatment plan and deliver implant supported complete overdentures • Identify and manage adoption problems to CDs • Identify appropriate cases for implant treatments • Recognize osseointegration of implants • Practice with screw vs cement retained implant prostheses • Describe basic principles of virtual treatment planning for full mouth implant rehabilitation • Discuss the scope of maxillofacial prosthodontics 				

Prerequisites	None	Co-requisites	None
Course Content	<ul style="list-style-type: none"> • (Fixed) Treatment planning for TSL requiring increase in OVD • (Removable) Assessment of existing complete dentures and treatment planning • (Fixed) Tooth restorability (decision to extract or to maintain) • (Removable) Clinical Step-by-step complete denture impressions and jaw relationship registration • (Fixed) Step-by-step clinical crown preparation, fabrication , temporisation and placement. • (Removable) Clinical step-by-step complete denture tooth set up and trial insertion • (Fixed) Use of composite Resin in fixed prosthodontics • (Removable) Clinical Step-by-step of placement of Complete denture, check record and follow-up • (Fixed) Implant dentistry (treatment planning for implants – patient selection, Osseointegration • (Removable) Tooth and implant supported overdentures • (Fixed) Implant rehabilitation prosthesis (Screw vs Cement retained implants, soft tissue assessment and management) • (Removable): Introduction to maxillofacial prosthodontics • (Fixed & Removable) Revision lecture 		
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> <p>Budtz-Jorgensen E. Prosthodontics for the Elderly: Diagnosis and Treatment. Hanover Park, Illinois: Quintessence Publishing, 1999.</p>								
<p>Assessment</p>	<table border="1"> <tr> <td data-bbox="416 383 1023 456">Final Examination</td> <td data-bbox="1023 383 1463 456">60%</td> </tr> <tr> <td data-bbox="416 456 1023 530">Laboratory / Clinical Work / Oral presentations</td> <td data-bbox="1023 456 1463 530">30%</td> </tr> <tr> <td data-bbox="416 530 1023 568">Participation and attendance</td> <td data-bbox="1023 530 1463 568">10%</td> </tr> <tr> <td data-bbox="416 568 1023 658">Total</td> <td data-bbox="1023 568 1463 658">100%</td> </tr> </table>	Final Examination	60%	Laboratory / Clinical Work / Oral presentations	30%	Participation and attendance	10%	Total	100%
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<p>Language</p>	<p>English</p>								