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| 1  | Subject  | <b>CLINICAL REMOVABLE PROSTHETIC DENTISTRY</b>   |    |                   |              |
| 2  | Code   | DKM403   |    |                   |              |
| 3  | Study Program  | Study Program of Integrated studies in dental medicine                                       |    |                   |              |
| 4  | Organizing Institution (Unit, Institute, Chair, Department)  | Ss. Cyril and Methodius University, Faculty of Dentistry, Department of Prosthetic Dentistry |    |                   |              |
| 5  | Educational degree (first or second cycle)   | Integrated study   |    |                   |              |
| 6  | Study year/semester  | 4 year / 7/8   | 7. | Number of credits | 9            |
| 8  | Teacher  | Prof. dr. Jadranka Bundevska   |    |                   |              |
| 9  | Preconditions  | Passed all compulsory courses of 3 and 4 semester. Signatures of 5 and 6 semester courses    |    |                   |              |
| 10 | Teaching goals: Teach students to diagnose, plan and follow through with the clinical procedures when manufacturing partial prosthodontics, as well as manufacturing immediate partial prosthodontics. Teach students to diagnose, plan and follow through with the clinical procedures when manufacturing complete dental prosthodontics, as well as manufacturing immediate complete dental prosthodontics |  |    |                   |              |
| 11 | <b>Brief content</b>   |  |    |                   |              |
|    | <b>Theoretical course</b>  |  |    |                   | <b>Class</b> |
|    | 1. Introduction to partial prosthodontics. Historical development. Changes to the masticatory tissues after partial edentulism   |  |    |                   | 1            |
|    | 2. Support tissues in partial prosthodontics and the effect of occlusal and other forces on them   |  |    |                   | 1            |
|    | 3. Classification of partial prosthodontics and partial edentulism   |  |    |                   | 1            |
|    | 4. Goals when treating partial edentulism with partial prosthodontics, indications, counterindications for manufacturing partial prosthodontics  |  |    |                   | 1            |
|    | 5. Characteristics and usage of parallelometer when treating patients with partial prosthodontics  |  |    |                   | 1            |
|    | 6. Retaining partial prosthodontics with clasps as basic retaining elements  |  |    |                   | 1            |
|    | 7. Treatment planning when using partial prosthodontics and the clinical procedures  |  |    |                   | 1            |
|    | 8. Steps when taking impressions   |  |    |                   | 1            |
|    | 9. Registering intermaxillary relations  |  |    |                   | 1            |
|    | 10. Chrome prosthodontics – characteristics, indications, counterindications   |  |    |                   | 1            |
|    | 11. Chrome prosthodontics – parts: gingival and dental   |  |    |                   | 1            |
|    | 12. Modern retention systems on Chrome prosthodontics  |  |    |                   | 1            |
|    | 13. Finishing dental laboratory procedures for partial and chrome prosthodontics   |  |    |                   | 1            |
|    | 14. Repairing, follow-up and maintenance for partial dentures. Advices for the patient   |  |    |                   | 1            |
|    | 15. Exam   |  |    |                   | 1            |
|    | 16. Diagnosing complete edentulism   |  |    |                   | 1            |
|    | 17. Extraoral and intraoral changes after complete edentulism  |  |    |                   | 1            |
|    | 18. Anatomical impressions for complete prosthodontics   |  |    |                   | 1            |
|    | 19. Try-in and testing individual impression trays and taking functional impressions for complete prosthodontics   |  |    |                   | 1            |
|    | 20. Registering intermaxillary relations for complete edentulism   |  |    |                   | 1            |
|    | 21. Criteria for choosing acrylic teeth for complete prosthodontics  |  |    |                   | 1            |
|    | 22. Concepts for occlusion for complete prosthodontics   |  |    |                   | 1            |

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|    | 23. Methods for setting the acrylic teeth in occlusion for complete prosthodontics   | 2   |   |
|    | 24. finishing dental laboratory procedures when manufacturing complete prosthodontics  | 1   |   |
|    | 25. Hand-over of the finished complete prosthodontics and solving the most common problems associated with using complete prosthodontics                   | 1   |   |
|    | 26. Immediate and singular prosthodontics  | 1   |   |
|    | 27. Maintenance and using complete prosthodontics  | 1   |   |
|    | 28. Repairing complete prosthodontics  | 1   |   |
|    | 29. Exam   | 1   |   |
|    | <b>Total</b>   | <b>30</b>   |   |
|    | <b>Practical lessons:</b>  | <b>Class</b>  |   |
|    | 1. Planning, preparations and manufacturing acrylic partial prosthodontics, chrome partial dentures, immediate partial dentures and implant-based dentures | 5   |   |
|    | 2. Diagnosis and treatment planning for partial edentulism   | 5   |   |
|    | 3. Taking impressions on partially edentulous patients   | 5   |   |
|    | 4. Functional impressions for partial prosthodontics   | 5   |   |
|    | 5. Registering intermaxillary relations for partial prosthodontics   | 5   |   |
|    | 6. Wax try-in for partial prosthodontics   | 5   |   |
|    | 7. Hand-over of finished partial prosthodontics and educating the patients on using and maintenance  | 5   |   |
|    | 8. Follow-up, corrections and repairing partial prosthodontics. Diagnosis and treatment planning for complete edentulism                                   | 5   |   |
|    | 9. Diagnosis and treatment planning for complete edentulism  | 5   |   |
|    | 10. Taking impressions on completely edentulous patients   | 5   |   |
|    | 11. Functional impressions for complete prosthodontics   | 5   |   |
|    | 12. Registering intermaxillary relations for complete prosthodontics   | 5   |   |
|    | 13. Wax try-in for complete prosthodontics   | 5   |   |
|    | 14. Hand-over of finished complete prosthodontics and educating the patients on using and maintenance  | 5   |   |
|    | 15. Follow-up, corrections and repairing complete prosthodontics   | 5   |   |
|    | <b>Total</b>   | <b>90</b>   |   |
|    | <b>Seminars</b>  | <b>Class</b>  |   |
|    |  | 15  |   |
| 12 | Methods of studying: class room oriented lectures, interactive lectures, group work, practical training, seminar paper                                     |   |   |
| 13 | Total available time   | 270 classes   |   |
| 14 | Organization of the course   | 30 classes - theoretical course, 90 classes- practical course, 10 classes – seminars, 130 classes - home individual learning and other activities |   |
| 15 | Forms of teaching activities   | 15.1. Theoretical course  | 30 classes  |
|    |  | 15.2. Practical course, seminars  | Practical course- 90 classes<br>Seminars – 10 classes |
|    | Other forms of   | 16.1. Project tasks   |   |

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| 16  | activities  | 16.2.  | Individual tasks  |  |   |      |
|     |   | 16.3.  | Individual (home) learning  |  | 140 classes                                     |      |
| 17  | Method of assessment                                | 17.1.  | Tests   |  |   |      |
|     |   | 17.2.  | Active participation, seminar paper/project (oral/written presentation) |  | 12-20 points                                    |      |
|     |   | 17.3.  | Final (oral) exam   |  | 30-50 points                                    |      |
| 18  | Grading criteria (points / grade)                   | Up to 59 points  |   |  | 5 (five) (F)                                    |      |
|     |   | from 61 to 67 points   |   |  | 6 (six) (E)                                     |      |
|     |   | from 68 to 75 points   |   |  | 7 (seven) (D)                                   |      |
|     |   | from 76 to 84 points   |   |  | 8 (eight) (C)                                   |      |
|     |   | from 85 to 93 points   |   |  | 9 (nine) (B)                                    |      |
|     |   | from 94 to 100 points  |   |  | 10 (ten) (A)                                    |      |
| 19  | Requirement for signature and taking the final exam | <p>The student is required to actively follow all of the planned activities.</p> <p>Conditional criteria for assessment of knowledge:</p> <p>In order to get a signature, the student should obtain minimum points in both theoretical and practical courses, and to present seminar paper;</p> <p>In order to take the final exam, the student should obtain the minimum points from activity and test;</p> <p>If the student has not obtained the minimum points in the continual assessments, he/she in next exam session will have paper part of the exam (40 points) and final exam (60 points)</p> |   |  |   |      |
| 20  | Language of the course                              | Macedonian   |   |  |   |      |
| 21  | Method for evaluation of the quality of education   | Anonymous student's evaluation of the subject, teachers and collaborators involved in the educational activities   |   |  |   |      |
| 22  | <b>Literature</b>                                   |  |   |  |   |      |
|     | 22.1.   | <b>Mandatory textbooks</b>   |   |  |   |      |
|     |   | No.  | Author  | Title  | Publisher                                       | Year |
|     |   | 1  | D. Veleski  | Partial Prosthodontics – Clinical and Dental Lab |   | 2010 |
|     |   | 2  | Lj. Guguvchevski, K. Dejanoski, D. Veleski                              | Clinical Complete Dentures                       | Ein-Sof, Skopje                                 | 2003 |
|     |   | 3  | D. Stamenkovic, M. Nastic   | Stomatoloska protetika. Parcijalne proteze       | Zavod za udzbenike I nastavna sredstva, Beograd | 2000 |
|     |   | 4  | B. Babic  | Skeletirana proteza                              | Medicinska knjiga, Beograd-Zagreb               | 1977 |
|     |   | 5  | Krsikj et al  | Dental prosthodontics – Complete dentures        |   |      |
|     | 6   | Lj. Guguvchevski   | Complete dentures - workbook  | Ein-Sof, Skopje                                  | 1997  |      |
|     | 22.2.   | <b>Additional literature</b>   |   |  |   |      |
| No. |   | Author   | Title   | Publisher  | Year  |      |

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|  |  | 1 | Valmsli D.A. et al  | Restorative dentistry                                | Ars Lamina, Skopje | 2010 |
|  |  | 2 | James B. Smith  | Basics in restorative dentistry                      | Ars Lamina, Skopje | 2011 |
|  |  | 3 | Joey D. da Silva,<br>David A. Mitchel,<br>Lora Mitchel, Paul<br>Branton | Oxford American<br>Handbook of Clinical<br>Dentistry | Ars Lamina, Skopje | 2012 |