**SYLLABUS**

1. **Programme Details**

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| **1.1.** | **GRIGORE T. POPA UNIVERSITY OF MEDICINE AND PHARMACY IASI** |
| **1.2.**  | **FACULTY : DENTAL MEDICINE / DEPARTMENT: Implantologie, Proteza amovibilă, Tehnologia Protezelor** |
| **1.3.** | **DISCIPLINE: Dentures Technology** |
| **1.4.**  | **FIELD of STUDY:** **HEALTH** |
| **1.5.** | **STUDY CYCLE: BACHELOR**  |
| **1.6.** | **PROGRAMME of STUDY: Dental Medicine - English**  |
| 1. **Discipline Details**
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| **2.1.** | **Name of the Discipline: Dentures Technology** |
| **2.2.** | **Teaching staff in charge with lectures: Șef lucrări dr. Antonela Beldiman** |
| **2.3.** | **Teaching staff in charge with seminar activities: Asist. dr. Ovidiu Nicolaiciuc** |
| **2.4. Year**  | **IV** | **2.5. Semester** | **II** | **2.6. Type of evaluation**  | E2 | **2.7. Discipline regimen**  | Obligatory  |

1. **Overall Time Estimates (hours/semester of didactic activity)**

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| * 1. **Number of hours per week**
 | 5 | **Of which: 3.2. lectures** | 2 | * 1. **seminar/ laboratory**
 | 3 |
| * 1. **Total hours in the curriculum**
 | 22 | **Of which: 3.5. lectures** | 14 | **3.6. seminar/ laboratory** | 14 |
| **Distribution of time**  |  |  |  |  | Hours |
| **Study time using course book materials, bibliography and notes**  | 15 |
| **Further study time in the library, online and in the field** | 10 |
| **Preparation time for seminars / laboratories, homework, reports, portfolios and essays** | 5 |
| **Tutoring** |  |
| **Examinations** | 3 |
| **Other activities** |  |
| **3.7. Total hours of individual study** |  |  |
| **3.8. Total hours / semester** |  | 22 |
| **3.9. Number of credits**  |  | 2 |

1. **Prerequisites (where applicable)**

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| **4.1. curriculum** |  |
| **4.2. competences** |  |

1. **Conditions (where applicable)**

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| **5.1. for lecture delivery** | Acquisition of theoretical data about complete dentures Practical skills for complete denture- waxing |
| **5.2. for seminar / laboratory delivery** | Acquisition of theoretical data about complete dentures Practical skills for complete denture- waxing |

1. **Specific Competences Acquired**

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| **Professional Competences (knowledge and skills)** | Acquisition of theoretical data about complete dentures Practical skills for complete denture- waxing |
| **Transversal Competences (roles, personal and professional development)** | Acquisition of theoretical data about complete dentures Practical skills for complete denture- waxing |

1. **Obiectives of the Discipline (related to the acquired competences)**

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| **7.1. General Obiective** | Acquisition of theoretical data about complete dentures Practical skills for complete denture- waxing |
| **7.2. Specific Obiectives**  | Acquisition of theoretical data about complete dentures Practical skills for complete denture- waxing |

1. **Contents**

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| **8.1. Lecture** | **Teaching methods**  | **Comments** |
| 1. Components of complete denture. Technological factors involved in denture retention and stabilization.
 | Lecture + Power Point Presentation |  |
| 1. Clinical and technological steps in complete denture realization. Preliminary cast.
 | Lecture + Power Point Presentation |  |
| 1. Custom impression tray
 | Lecture + Power Point Presentation |  |
| 1. Master cast. Occlusion rims.
 | Lecture + Power Point Presentation |  |
| 1. Simulators. Mounting the casts in a simulator.
 | Lecture + Power Point Presentation |  |
| 1. Denture waxing up.
 | Lecture + Power Point Presentation |  |
| 1. Flasking, packing and curing the resin, deflasking and finishing of complete denture. Repair of complete denture.
 | Lecture + Power Point Presentation |  |
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| **Bibliography*** **Anca Mihaela Viţalariu - „Tehnologia Protezei Totale. Aspecte practice”. Ed. Performantica, Iaşi, 2006, 190 pg, ISBN:978-973-730-220-5**

**• Tehnologia protezelor amovibile. Proteza Totala - Anca Mihaela Vitalariu, Ed. Pim, 2009, Iasi** **• Restaurarea edentatiilor partiale prin proteze mobilizabile – Bratu D. et al, Ed. Medicala Bucuresti 2008** **• Protetica dentara – Norina Forna, Ed. Enciclopedica, Bucuresti, 2011** |
| **8.2. Seminar / Laboratory** | **Teaching methods**  | **Comments** |
| 1. Preliminary cast, custom tray (Shelack, acrylic resins)
 | Lecture + Demonstration / Practical execution |  |
| 1. Master cast. Occlusion rims
 | Lecture + Demonstration / Practical execution |  |
| 1. Mounting cast in a simulator
 | Lecture + Demonstration / Practical execution |  |
| 1. Denture wax up
 | Lecture + Demonstration / Practical execution |  |
| 1. Flasking, packing and curing the resin, deflasking of complete denture
 | Lecture + Demonstration / Practical execution |  |
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| **Bibliography**• Anca Mihaela Viţalariu - „Tehnologia Protezei Totale. Aspecte practice”. Ed. Performantica, Iaşi, 2006, 190 pg, ISBN:978-973-730-220-5• Tehnologia protezelor amovibile. Proteza Totala - Anca Mihaela Vitalariu, Ed. Pim, 2009, Iasi • Restaurarea edentatiilor partiale prin proteze mobilizabile – Bratu D. et al, Ed. Medicala Bucuresti 2008 • Protetica dentara – Norina Forna, Ed. Enciclopedica, Bucuresti, 2011 |

1. **Correlations between the contents of the discipline and the expectations of the epistemic community, of professional associations and of employers in the field**

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1. **Evaluation**

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| **Type of activity**  | **10.1. Evaluation criteria:**  | **10.2. Methods of evaluation** | **10.3. Percentage of final grade** |
| **10.4. Lecture** | Grade for multiple choice test | standardized multiple choice test | 50% |
| **10.5. Seminar / Laboratory** | Average grade of ongoing examinations | ongoing evaluation | 10% |
| Grade for practical examination | practical exam | 40% |
| **Minimum standard of performance: at least grade 5 to pass the discipline** |

**Date: 1.10.2018 Signiture of Didactic Co-ordinator**

**Șef lucr. Dr. Antonela Beldiman**

 **Signiture of Department Director**

**Conf. Univ. Dr. Diana Diaconu-Popa**