**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: Fixed Prosthodontics 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: Fixed Prosthodontics Technology** |
| **2.2.** | **Teaching staff in charge with lectures: Prof. Univ. Dr. Monica Tatarciuc** |
| **2.3.** | **Teaching staff in charge with seminar activities: Asist. dr. Ovidiu Nicolaiciuc** |
| **2.4. Year**  | **IV** | **2.5. Semester** | **I** | **2.6. Type of evaluation**  | E1 | **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**
 | 47 | **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** | 10 |
| **Tutoring** | 5 |
| **Examinations** | 7 |
| **Other activities** |  |
| **3.7. Total hours of individual study** |  | 35 |
| **3.8. Total hours / semester** |  | 47 |
| **3.9. Number of credits**  |  | 3 |

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 fixed prosthodontics. Practical skills for waxing |
| **5.2. for seminar / laboratory delivery** |  |

1. **Specific Competences Acquired**

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| **Professional Competences (knowledge and skills)** | Acquisition of theoretical data about fixed prosthodontics. Practical skills for waxing |
| **Transversal Competences (roles, personal and professional development)** |  |

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

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| **7.1. General Objective** | Acquisition of theoretical data about fixed prosthodontics. Practical skills for waxing |
| **7.2. Specific Objectives**  | Acquisition of theoretical data about fixed prosthodontics. Practical skills for waxing |

1. **Contents**

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| **8.1. Lecture** | **Teaching methods**  | **Comments** |
| 1. Bridges: components, clinical and technological steps. General principles in realization of fixed prosthesis | Lecture + Power Point Presentation |  |
| 2. Tehnological steps for bridges realization: monolyth and separated elements techniques | Lecture + Power Point Presentation |  |
| 3. Bridge realization related to the topography of the edentulous area | Lecture + Power Point Presentation |  |
| 4. Technical steps in realzation of the esthetic components of metallic-nonmetallic bridges | Lecture + Power Point Presentation |  |
| 5. Technological steps in metalo-ceramic bridges realization | Lecture + Power Point Presentation |  |
| 6. Technologies of special bridges realisation | Lecture + Power Point Presentation |  |
| 7. Technological steps in all ceramic or composites bridges realisation | Lecture + Power Point Presentation |  |
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| **Bibliography****o** Bratu D., Nussbaum R. - Bazele clinice si tehnice ale protezarii fixe, Ed. Medicala, Bucuresti 2005o Diaconu Diana, Tatarciuc Monica - Tehnologia protezelor mixte metalo-ceramice, Editura Junimea, Iaşi, o Diaconu Diana Antonela, Tatarciuc Monica Silvia - Particularităţile tehnologice în realizarea punţilor ceramice Editura Performantica Iaşi 2015 , ISBN 978-606-685-241-8 2006.o Forna Norina Consuela - Protetica dentară, Editura UNIVERS ENCICLOPEDIC, 2011o Forna Norina Consuela - Evaluarea stării de sănătate afectate prin edentaţie - Editura Demiurg, Iaşi, 2007 o Tatarciuc Monica Silvia - Tehnologia protezelor dentare fixe plurale, Ed. Venus, Iasi 2004o Tatarciuc Monica Silvia, Stefan Panaite - Tehnologia protezelor unidentare, Ed. Venus |
| **8.2. Seminar / Laboratory** | **Teaching methods**  | **Comments** |
| 1. Suspended metallic pontic - wax up | Lecture + Demonstration / Practical execution |  |
| 2. Ovate pontic–wax up | Lecture + Demonstration / Practical execution |  |
| 3. Metallic framework for metalo-ceramic pontic - wax up | Lecture + Demonstration / Practical execution |  |
| 4. Metallic framework for partial aesthetic pontic - wax up. Pontic metallic  | Lecture + Demonstration / Practical execution |  |
| Techological steps in acrylic and composite bridges realization | Lecture + Demonstration / Practical execution |  |
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| **Bibliography**o Bratu D., Nussbaum R. - Bazele clinice si tehnice ale protezarii fixe, Ed. Medicala, Bucuresti 2005o Diaconu Diana, Tatarciuc Monica - Tehnologia protezelor mixte metalo-ceramice, Editura Junimea, Iaşi, o Diaconu Diana Antonela, Tatarciuc Monica Silvia - Particularităţile tehnologice în realizarea punţilor ceramice Editura Performantica Iaşi 2015 , ISBN 978-606-685-241-8 2006.o Forna Norina Consuela - Protetica dentară, Editura UNIVERS ENCICLOPEDIC, 2011o Forna Norina Consuela - Evaluarea stării de sănătate afectate prin edentaţie - Editura Demiurg, Iaşi, 2007 o Tatarciuc Monica Silvia - Tehnologia protezelor dentare fixe plurale, Ed. Venus, Iasi 2004o Tatarciuc Monica Silvia, Stefan Panaite - Tehnologia protezelor unidentare, Ed. Venus |

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**

**Prof. Univ. Dr Monica Tatarciuc**

 **Signiture of Department Director**

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