

Study program: DENTISTRY			
Type and level of studies: Integrated academic studies, Level 1/2			
<b>Course unit: Clinical endodontics and restoration of endodontically treated teeth – professional practice</b>			
<b>Teacher in charge: Associate Professor Milica Popovic, DDM, MSc, PhD</b>			
Language of instruction: ENGLISH			
ECTS: 3			
Prerequisites: enrolled in the tenth semester			
Semester: WINTER SEMESTER (10th semester)			
<b>Course unit objective: The course main objective is to train students to apply their endodontic foundation knowledge in the evaluation of the pulp and periradicular tissues, to formulate a treatment plan based on the pulpal and periapical diagnosis, and to perform endodontic therapy and restoration of endodontically treated teeth.</b>			
<b>Learning outcomes of Course unit:</b>			
The main outcome of this course is to provide the students with knowledge and experiences associated with endodontic therapy and restoration of endodontically treated teeth, which includes:			
<ul style="list-style-type: none"> <li>• Patient management in the clinical environment</li> <li>• Obtainment of patient’s medical and dental histories</li> <li>• Utilization of endodontic diagnostic tests</li> <li>• Interpretation of clinical and radiographic exams</li> <li>• Making proper pulpal and periapical diagnosis</li> <li>• Elaboration and discussion on treatment plans</li> <li>• Setting the indications and contraindications for root canal therapy</li> <li>• Endodontic treatment of uncomplicated cases</li> <li>• Setting the indications and contraindications for the restoration of endodontically treated teeth</li> <li>• Selection of the appropriate methods and materials for the restoration of endodontically treated teeth</li> <li>• Outcome assessments on endodontically treated teeth</li> </ul>			
<b>Course unit contents</b>			
<i>Practical classes</i>			
<i>Principles of endodontic treatment. Lesions of dental pulp – diagnosis and clinical evaluation. Lesions of apical periodontium – diagnosis and clinical evaluation. Radiography of periapical lesions – differential diagnosis. Endo-periodontal lesions – diagnosis and clinical evaluation. Vital pulp therapy. Avital pulp therapy. Endodontic therapy of teeth with large periapical lesions. Surgical endodontic treatment. Endodontic treatment of root resorptions. Urgent endodontic therapy. Management of complications in endodontic therapy. Endodontic retreatment. Whitening of endodontically treated teeth. Restoration of endodontically treated teeth – biophysical principles. Restoration of endodontically treated teeth – canal retention systems. Outcome assessments on endodontically treated teeth.</i>			
<b>Literature</b>			
<ul style="list-style-type: none"> <li>• Bergenholtz G, Hørsted-Bindslev P, Reit C. Textbook of Endontology, 2nd ed., Wiley-Blackwell, 2010.</li> <li>• Tronstad L. Clinical endodontics: a textbook, 3rd edition, Thieme;TPS, 2009.</li> <li>• Mjor IA. Pulp-dentin biology in restorative dentistry, 1st ed., Quintessence Pub Co, 2002.</li> </ul>			
<b>Number of active teaching hours</b>			<b>Other classes</b>
Lectures:	Practice: 45	Other forms of classes:	
<b>Teaching methods: Practice in a clinic</b>			
<b>Examination methods (maximum 100 points)</b>			

<b>Exam prerequisites</b>	<b>No. of points:</b>	<b>Final exam</b>	<b>No. of points:</b>
Student's activity during lectures	<b>15</b>	oral examination	<b>55</b>
practical classes/tests		written examination	<b>30</b>
Seminars/homework		.....	
Project			
Other			

<b>Grading system</b>		
<b>Grade</b>	<b>No. of points</b>	<b>Description</b>
<b>10</b>	<b>95-100</b>	Excellent
<b>9</b>	<b>85 – 94</b>	Exceptionally good
<b>8</b>	<b>75 – 84</b>	Very good
<b>7</b>	<b>65 – 74</b>	Good
<b>6</b>	<b>55 – 64</b>	Passing
<b>5</b>	<b>&lt; 55</b>	Failing

**(Table 5.2) Course unit description**