

Course unit title	ORTHODONTIC, FACIAL MAXILLARIES CURATIVE APPLIANCES & PROSTHESES
Course unit code	-
Type of course unit	I st
Level of course unit	Compulsory
Year of study (if applicable)	3
Semester/	6
Number of ECTS credits allocated	6
Name of lecturer(s)	Aušra Stoškienė
Learning outcomes of the course unit	<p>Can describe the manufacturing techniques of orthodontic and therapeutic appliances and prostheses, assessing the most common malocclusions.</p> <p>Selects the right materials to make orthodontic appliances according to the patient's individual needs.</p> <p>Designs and constructs a quality orthodontic appliance and prosthesis by assessing the position of the teeth in the dental arch, constructing the wire structures of orthodontic appliances, and applying equipment and tools.</p> <p>Identifies inaccuracies or deficiencies in orthodontic appliances and facial appliances and prostheses by selecting the necessary materials and adapting tools and equipment to correct the inaccuracies.</p>
Mode of delivery	face-to-face
Prerequisites and co-requisites	Dental Functional Anatomy, Aesthetics and Modelling, Dental Technological Materials. Anatomy, physiology and oral pathology
Course contents	<p>1. Orthodontic appliances Principles and methods of orthodontic treatment. Orthodontic anomalies, their classification. Criteria for assessing the occlusion. Stages of orthodontic treatment. Types, classification, principles of operation and manufacture of orthodontic appliances. Selection of orthodontic appliance design. Quality assessment of orthodontic appliance manufacturing.</p> <p>2. Maxillofacial appliances Basics of orthopaedic treatment of maxillofacial injuries and defects Overview of maxillofacial therapeutic appliance and prosthesis types and designs Clinical case study. Dental caps. Types and purpose of caps. Principles and features of cap production.</p>
Planned learning activities and teaching methods	Lectures, demonstrations, individual work, laboratory work
Assessment	<p>Study results of the final assessment is calculated as follows:</p> $FA = 50\%E + 50\%CS$ <p>FA – Final Assessment $50\%CS = 40\%CaS + 40\%P + 20\%T$ CS – Cumulative Score CaS – case study P – Practicum T – Testing</p>
Language of instruction.	Lithuanian, Russian, English

Work placement(s)	Dental Laboratory of Utena College Students manufacture Appliances & Prostheses using these materials: Vertex materials (http://www.vertex-dental.com)
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