

Course unit title	PLATE DENTAL PROSTHESIS AND INNOVATIVE TECHNOLOGY
Course unit code	-
Type of course unit	I st
Level of course unit	Compulsory
Year of study (if applicable)	3
Semester/	5
Number of ECTS credits allocated	6
Name of lecturer(s)	Zigrida Kaulinienė
Learning outcomes of the course unit	<p>Selects the right materials for the manufacture of plate dentures according to individual needs</p> <p>Modelling and construction of wax structures for removable plate dentures</p> <p>Able to polymerise acrylic and thermoplastic materials</p> <p>Designs and constructs high quality plate dentures</p>
Mode of delivery	face-to-face
Prerequisites and co-requisites	Dental functional anatomy, aesthetics and modelling, Dental technological materials, Fundamentals of removable plate prosthesis fabrication, Fundamentals of toothless jaw prosthesis fabrication, Partial removable plate prosthesis fabrication technology
Course contents	<p>Manufacturing rubbings, models and individual spoons. Production of functional prints, models</p> <p>Construction of a partial plate denture.</p> <p>Placement of artificial teeth, denture base modelling</p> <p>Technologies for the manufacture of thermoplastic removable prostheses</p> <p>Various fixation techniques of laminated removable prosthesis: beam trawl system, lock system, a telescopic system.</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</p> $50\%CS = 40\%CaS + 40\%P + 20\%T$ <p>CS – Cumulative Score</p> <p>CaS – case study</p> <p>P – Practicum</p> <p>T – Testing</p>
Language of instruction.	Lithuanian, Russian, English
Work placement(s)	<p>Dental Laboratory of Utena College</p> <p>Students manufacture Removable Dentures using these materials: Vertex products (http://www.vertex-dental.com), Bredent (http://www.bredent.com),</p>