

**Thematic plan of independent work
in the discipline "Complex removable prosthetics for dental patients"
for students in year of admission 2021 according to the educational program
specialty in the specialty 31.05.03 Dentistry,
orientation (profile) Dentistry, full-time education
2024-2025 academic year**

№	Topic of independent work	Hours (academic)
7 semester		
1.	Modern materials, methods of planning and manufacturing removable orthopedic structures¹	22
	<ul style="list-style-type: none"> • • Modern technologies for the manufacture of braces of dentures using 3D printing. Types of materials, processing processes. Indications for use. The technology of manufacturing the frames of dentures using 3D printing.² 	
	<ul style="list-style-type: none"> • • Modern systems for fixing removable dentures on intraosseous implants. Types and indications for use. CAD CAM technologies used for the manufacture of removable prostheses based on intraosseous implants.² 	
	<ul style="list-style-type: none"> • • The use of CAD CAM technologies in the planning and treatment of patients with soft and hard palate defects. Comprehensive planning using CAD/CAM technologies. The method of computer prototyping in obtaining diagnostic models. Modern polymer materials.² 	
	Independent work control	2
	Total	24

¹ -Subject

² - essential content (if necessary)

Considered at the meeting of the Department for Prosthetic dentistry with course of clinical dentistry "05" June 2024, protocol No 12.

Head of the Department



V.I. Shemonaev