

Vocational School / Dental Assisting
2023 - 2024 Academic Year
MATERIAL SCIENCE
Syllabus

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
MATERIAL SCIENCE	ADS1215089	Spring Semester	2+2	3	5
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	Turkish				
Course Level	Short Cycle (Associate's Degree)				
Course Type	Required				
Course Coordinator	Prof.Dr. Funda ÖZTÜRK BOZKURT				
Name of Lecturer(s)	Prof.Dr. Alev ÖZSOY KANER, Prof.Dr. Mahmut KUŞDEMİR, Assist.Prof. Caner ATALAY				
Assistant(s)					
Aim	To have general knowledge about the materials and devices used in dentistry clinics				
Course Content	This course contains; Introduction to substances in dentistry,prosthetic dental treatment department supplies-1,prosthetic dental treatment department supplies-2,restorative dental treatment department supplies-1,restorative dental treatment department supplies -2,oral diagnosis and radiology department supplies,periodontology department supplies,oral and maxillofacial surgery department supplies,orthodontic department supplies,endodontics department supplies-1,endodontics department supplies-1,pedodontics department supplies,consumables used in dentistry,Review of all topics.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
Can match the materials to be used in treatments applied in different clinics.			16, 9	C	
Defines the general properties of materials used in dentistry.			16, 9	C	
Can classify the materials to be used in surgical operations.			16, 9	C	
Defines the purposes of use of devices in dental clinics.			16, 9	C	
Teaching Methods	16: Question - Answer Technique, 9: Lecture Method				
Assessment Methods	C: Multiple-Choice Exam				
Lecture Schedule					
Sequence	Topics	Preliminary Preparation			
1	Introduction to substances in dentistry				
2	prosthetic dental treatment department supplies-1				
3	prosthetic dental treatment department supplies-2				
4	restorative dental treatment department supplies-1				
5	restorative dental treatment department supplies-2				
6	oral diagnosis and radiology department supplies				
7	periodontology department supplies				
8	oral and maxillofacial surgery department supplies				
9	orthodontic department supplies				
10	endodontics department supplies-1				
11	endodontics department supplies-1				
12	pedodontics department supplies				
13	consumables used in dentistry				
14	Review of all topics				
Evaluation Methods		Weight(%)			
Midterm Exam		40			
General Exam		60			

Resources
Course notes of the lecturersDiş Hekimi Asistanlığı, Editor: Seyhan Akar, 2023, Quintessence Publishing