Course Syllabus

Code - Course Title	**SAK203U - Operation Management in Healthcare Institutions**
Course Type	II. SEMESTER
Laboratory + Practice	0+0
ECTS	**5.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. SİNEM ILGIN

Mode of Delivery	Distance Education
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	No recommended optional programme is required
Recommended Resources	Educational and sectoral publications
Work Placement	No work placement

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Modeling Process, Quantitative Decision Making and Control in Health Institutions Management,	
Week - 2		Forecasting in Health Management	
Week - 3		Resource Allocation in Health Institutions, Modeling with Linear Programming in Production and Capacity Planning	
Week - 4		Project Management in Health Management	
Week - 5		Measuring and Management of Efficiency in Health Care Organizations	
Week - 6		Waiting Line Management Systems and Queuing Models in Health Institutions	
Week - 7		Staffing, Business Design and Measurement in Health Care Organizations	
Week - 8		Materials Management in Hospitals	

Learning Outcomes

#	Learning Outcome
1	The goal of this course is to provide the student with the fundamental decision subjects that managers of health institutions may will need, from a quantitative point of angle.
2	1. List the steps in modelling process in management of health institutions,
3	2. Explain the term ‘foresight’ in health management,
4	3. Apply the modelling applications with linear programming in resource allocation, production, and capacity planning in health institutions,
5	4. List the phases in project management in health management,
6	5. Discuss the critical issues in measurement and management of efficiency in health institutions,

Learning Outcomes

#	Learning Outcome
7	6. Explain queuing systems and queuing models in health institutions,
8	7. List the steps in personnel recruitment in health institutions,
9	8. Establish relationships among the functions of material management

Sustainable Development Goals

No content has been provided.

Course Theme

No content has been provided.

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	0	0	0
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	0	0	0
Ödevler	0	0	0
Proje - Rapor - Sunum Hazırlama	0	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	0	0	0
Final Sınavı Hazırlığı (sınav süresi dahil)	0	0	0
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0	0	0
Staj Uygulaması	0	0	0
		Calculated ECTS	**0**

Assessment Method and Passing Requirements

No content has been provided.

Assessment Method and Passing Requirements	Quamtity	Percentage (%)
1.Midterm Exam	1	30
Final Exam	1	70
	Sum (%)	**100**