

Course Overview

Occupational Health

Course code :	GMT203
Course title:	Occupational Health
Level/semester:	Second Semester
PRECEDING COURSES	.First year Courses
Credit hours: 2	Theoretical: 2
	Practical: -

Contents:

Topic	Lectures
Introduction and overview to the field of health Informatics	1
Information Systems and Health Information Systems	1
Health Data, Information, and Knowledge management	1
Electronic Health Records and Data Standards and Exchange	1
<u>Clinical decision support systems (CDSS) and workflow</u>	1
Problem solving and modelling	1
e-Health	1
Usability: human factors and user-centered design	1
Operational infrastructure for technology and health informatics (including: components, users, networks, barriers, challenge, benefits...etc.)	2
Policy, law, privacy, Security & ethics of health informatics (including HIPAA and HITECH Act)	1
Health Informatics Applications in Health	2
Total	13