

Year:	2025-2026		
Course Name:	MDCN181 – Intro Forensic Sciences		
Lecturer Name:	Assoc. Prof. Dr. Cemal Gurkan		
Date		Content of lesson	Detailed Content of lesson
29.09.25	Week1	General Introduction	An introduction to the overall course format and content
06.10.25	Week2	An Introduction to Forensic Genetics	An overview of the forensic genetics methodology
13.10.25	Week3	DNA Profiling: Autosomal Markers	A more detailed overview of the use of autosomal markers in forensic genetics
20.10.25	Week4	Y-chromosomal DNA Typing	A more detailed overview of the use of Y-chromosomal markers in forensic genetics
27.10.25	Week5	Mitochondrial DNA Typing	A more detailed overview of the use of mitochondrial DNA markers in forensic genetics
03.11.25	Week6	DNA Phenotyping	A more detailed overview of the use of DNA Phenotyping in forensic genetics
10.11.25	Week7	Epigenetic Fingerprinting	A more detailed overview of the use of epigenetic fingerprinting in forensic genetics
17.11.25	Week8	First Assement	
24.11.25	Week9	Current & Emerging Trends in Forensic Genetics	An overview of current and emerging trends in forensic genetics based on a recent manuscript collection
01.12.25	Week10	Preparation for Final Student Presentations	Detailed overview on the preparation of the final student presentations
08.12.25	Week11	CMP in Cyprus: Exhumation and Human Identification Processes	An indepth coverage of the mission, works and prospects for CMP Cyprus Project
15.12.25	Week12	Forensic Anthropology	An overview of the use of Forensic Anthropology
22.12.25	Week13	Population Genetics & Forensic Statistics	An introduction to the statitital methodology usen in forensic and population genetics
29.12.25	Week14	External Quality Assurance in Forensic Genetics	The need and use of external quality assurance exercises in a forensic genetics laboratory
05.01.26	Week15	Forensic Archaeology	An overview of the use of Forensic Archaeology
12.01.26	Week16	Midterm Exam	
19.01.2026-23.01.2026	-	Committee Exam	
26.01.2026-06.02.2026	-	Midterm holiday	
9.02.2026-13.02.2026	-	Committee Exam	
16.02.26	Week17	Kinship analysis in the NGS era: special considerations	How the chalanges with NGS for use in Forensic Genetics can be met? An extended case example
23.02.26	Week18	CSI (Crime Scene Investigation)	An overview of the routine CSI work
02.03.26	Week19	Disaster Victim Identification - Local Cases	Presentation of a portfolio of DVI cases from Cyprus
09.03.26	Week20	Special Topics: Paternity Testing	Presentation of a portfolio of special paternity cases cases from Cyprus
16.03.26	Week21	Special Topics: (to be announced)	to be annonced
23.03.26	Week22	Special Topics: (to be announced)	to be annonced
30.03.26	Week23	Field Trip (details to be announced)	Field trip to the CMP Anthropology Lab or another forensic institute in Cyprus
06.04.26	Week24	Second Assesment	
13.04.26-17.04.26	-	Committee Exam	
20.04.26	Week25	Forensic Psychology	An overveiw of forensic psychology
27.04.26	Week26	Population Genetics of Anatolia	An overview of the population genetics of Anatolia based on the instructor's manuscripts
04.05.26	Week27	A population genetic enigma: Sakhas / Yakuts of Northeastern	An overviews of the population genetics of Sakhas/Yakuts based on the instructor's manuscripts
11.05.26	Week28	Final Student Presentations - I	First Session of the final student presentations (each student will present on his/her own)
18.05.26	Week29	Final Student Presentations – II	Second Session of the final student presentations (each student will present on his/her own)
25.05.26	Week30	Final Student Presentations – III	Third Session of the final student presentations (each student will present on his/her own)
01.06.26	Week31	Review for the MDCN181 Final Exam	An overview of the MDCN181 course and revision of key concepts
08.06.26	Week32	Final Exam	

Assesments

Type of evaluation	%
First Assesment	15%
Midterm Exam	15%
Second Assesment	15%
Student Presentation	20%
Final Exam	35%