

ATILIM UNIVERSITY
SCHOOL OF MEDICINE
2025-2026 ACADEMIC YEAR
SPRING SEMESTER
MED334 AI and Large Language Models in Medical Translation

MED334	AI and Large Language Models in Medical Translation Instructor: Assoc. Prof. Göksu BOZDERELI BERIKOL
TIME (Weeks/Hours)	TOPICS
19/ 02/ 2026 Thursday 15.30 -17.20	Introduction to Informatics in Medical Translation
26/ 02/ 2026 Thursday 15.30 -17.20	The role of AI in modern translation; Data vs. Rules
05 / 03/ 2026 Thursday 15.30 -17.20	Understanding the AI Brain: Generative Models
12 / 03/ 2026 Thursday 15.30 -17.20	Medical Terminology Management with AI
19 / 03/ 2026 Thursday 15.30 -17.20	Eid al-Fitr
26/ 03/ 2026 Thursday 15.30 -17.20	The Logic of "Prompting" (Input Engineering)
02/ 04/ 2026 Thursday 15.30 -17.20	Context and Persona in Medical Texts and Clinical Document Translation using LLM
09/ 04 / 2026 Thursday 15.30 -17.20	Error Analysis and Hallucinations
16 / 04/ 2026 Thursday 15.30 -17.20	MIDTERM EXAM
23 / 04/ 2026 Thursday 15.30 -17.20	National Sovereignty and Children's Day
30/ 04/ 2026 Thursday 15.30 -17.20	Editing Academic Medical Writing and Post-Editing (MTPE) Strategies
07/ 05/ 2026 Thursday 15.30 -17.20	Ethics and Privacy in Healthcare Translation
14/ 05/ 2026 Thursday 15.30 -17.20	Health Literacy and Simplification tools for patient information leaflets
21/ 05/ 2026 Thursday 15.30 -17.20	Critical Evaluation of Translation Tools
28/ 05/ 2026 Thursday 15.30 -17.20	Eid-al Adha
04/ 06/ 2026 Thursday 15.30 -17.20	FINAL EXAM