Blended Intensive Program
Cognitive basics of AI prompting (3 ECTS)
October – December 2025

Sessions	Format	Activities
15.10 8:45 am – 10:15 am	On-line session	**Overview of Large Language Models (LLMs).** • 2 ac. h online via BBB (e.tsi.lv) • Self-reading and reporting (independent study) • Self-assessment quiz (independent study)
22.10 8:45 am – 10:15 am	On-line session	**Cognitive foundations of LLMs.** • 2 ac. h online via BBB (e.tsi.lv) • Self-reading and reporting (independent study) • Self-assessment quiz (independent study)
27.10 8:45 am – 12:00 pm	On-line session	**How LLMs generate text.** • 2 ac. h online via BBB (e.tsi.lv) • Self-reading and reporting (independent study) • Self-assessment quiz (independent study)
05.11 8:45 am – 12:00 pm	On-line session	**What is prompt engineering?** **Strategies for Refining Prompts** • 4 ac. h online via BBB (e.tsi.lv) • Self-reading and reporting (independent study) • Self-assessment quiz (independent study)
Intensive training week **10.11 – 14.11** 10.11.- 08:45-12:00. 11.03.-08:45-12:00. 12.03. -08:45-12:00. 13.03. 08.45-12.00 14.03. 12.00 – 15:00	RIGA In person	**The role of critical thinking in improving LLM outputs.** **Cognitive biases in prompt design and how to mitigate them.** • 4 ac. h tutorial session • Self-assessment quiz **Optimizing LLM prompts for better results.** **Common Pitfalls and How to Avoid Them.** • 4 ac. h tutorial session • Self-assessment quiz **Academic integrity and ethical use of LLMs.** **Acceptable and Unacceptable Use of LLMs.** • 4 ac. h tutorial session • Self-assessment quiz **Using LLMs in university education.** **Best Practices for Using LLMs in Education.** • 4 ac. h tutorial session • Self-assessment quiz **Cultural Activity – Riga City Guided Tour** • 4 ac. h

20.11 8:45 am – 10:15am	On-line session	**Individual Assignment 1. "Cognitive Errors and Biases in Prompts".** • 2 ac. h online via BBB (e.tsi.lv) • Self-reading and reporting (independent study) • Self-assessment quiz (independent study)
27.11 8:45 am – 12:00pm	On-line session	**Individual Assignment 2. "Prompt Engineering in Computer Science (Social Science)".** • 4 ac. h online via BBB (e.tsi.lv) • Self-reading and reporting (independent study) • Self-assessment quiz (independent study)
04.12 8:45 am – 10:15am	On-line Exam	**Theoretical Examination** • 2 ac. h online via BBB (e.tsi.lv)

Link for the BigBLueButton sessions: https://e.tsi.lv/mod/bigbluebuttonbn/view.php?id=156443