

Syllabus of Module

8. Project Approaches and Methods

Lecturer: PhDr. Martin Zibrín, PhD., MBA

Module Annotation

The study module focuses on a critical comparison of the two main approaches to project management: traditional (predictive) and agile (adaptive) approaches. Students will learn about the process structures and rigid risk management of the Waterfall, PMBOK and PRINCE2 standards, which they will then contrast with the flexibility and value-driven focus of the Scrum and SAFe frameworks. Teaching combines theoretical foundations with the analysis of real-life case studies. The aim is to teach students to objectively evaluate the business environment and select the optimal methodology accordingly. Graduates will acquire the strategic skills necessary to manage complex projects, implement hybrid models and effectively lead organizational transformations with a focus on maximizing business value.

Module Objective

The main objective of the study module is to provide students with a comprehensive theoretical overview and advanced practical skills in modern project management, focusing on the critical analysis and comparison of the leading management frameworks.

Upon successful completion of this module, students will be able to:

- Analyze and interpret the key principles, process structures, roles and artefacts of traditional methodologies (Waterfall, PMBOK, PRINCE2) and agile frameworks (Scrum, SAFe).

Literature

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7. Project Management Institute. (2021). *A Guide to the Project Management Body of Knowledge (PMBOK® Guide) – Seventh Edition*. Project Management Institute. Dostupné také z: PMI [Cit. 10. 10. 2026].

8. Project Management Institute. (2023). *Process Groups: A Practice Guide*. Project Management Institute. Dostupné také z: PMI Learning Catalog [Cit. 10. 10. 2026].

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