

## **Tárgytematika / Course Description** **ERP Implementation Methodology**

**GKNM\_INTA065**

**Tárgyfelelős neve /**

**Teacher's name:** dr. Erdős Ferenc

**Félév / Semester:** 2023/24/2

**Beszámolási forma /**

**Assesment:** Vizsga

**Tárgy heti óraszám /**

**Teaching hours(week):** 3/0/0

**Tárgy féléves óraszám /**

**Teaching hours(sem.):** 0/0/0

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### **OKTATÁS CÉLJA / AIM OF THE COURSE**

The aim of the course is to acquaint students with the methods and techniques that can be used to select the ERP system that best suits the corporate and business environment, as well as to perform the development and adaptation tasks required for implementation. A further objective is to highlight the financial perspectives of ERP investments.

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### **TANTÁRGY TARTALMA / DESCRIPTION**

1. A portfolio of solutions that operate an IT system. The need to use an ERP system, to specify company-level requirements.
  
  - 2-3. Non-financial methods to support the selection of ERP systems.
  
  - 4-6. Financial methods to support the selection of ERP systems.
  
  7. Risk management in enterprise resource planning implementation.
  
  8. Real options approach of ERP investments.
  
  - 9-10. An overview of the factors that determine the successes and failures of ERP implementations.
  
  11. Business Process Reengineering related to ERP implementation.
  
  - 12-14. ERP implementation case studies.
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### **SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESSMENT'S METHOD**

Study period requirements for getting access to examinations (signature): Give a presentation about an agreed ERP-related topic.

Students will get marks based on the presentation (weight: 25%) and oral final exam (weight: 75%).

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### **KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL**

Marianne Bradford: Modern ERP: Select, Implement, and Use Today's Advanced Business Systems, 4th Edition, 2020.

Directing the ERP Implementation: A Best Practice Guide to Avoiding Program Failure Traps While Tuning System Performance, CRC Press, 2015.

Steven Scott Phillips: Control Your ERP Destiny: Reduce Project Costs, Mitigate Risks, and Design Better Business Solutions. Street Smart ERP Publications, 2013.

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### **AJÁNLOTT IRODALOM / RECOMMENDED MATERIAL**