

**WILMINGTON UNIVERSITY
COLLEGE OF TECHNOLOGY
BASIC COURSE INFORMATION**

COURSE NUMBER: IPM 7000

COURSE TITLE: **Artificial Intelligence in Project Management**

I. MAJOR INSTRUCTIONAL OBJECTIVES:

Objective A: Describe the basic concepts of Artificial Intelligence, especially machine learning tools, is the way to increase project success rates

- A-1. Describe the values of AI tools that will enable the project to reach the destination on time and budget
- A-2. Provide examples of how AI tools will change the way project are managed
- A-3. Explain how to apply machine learning such as R and Python to develop project decision-making algorithms
- A-4. Discuss the problem with automating project management tasks

Objective B: Describe the importance of data, especially project data

- B-1. Explain the garbage in and garbage out of misleading and incomplete data
- B-2. Describe the importance of data volume and data dependency
- B-3. Explain the concepts and process of assessing and mining data
- B-4. Pro

C-4

Objective E: Discuss the strategy, process and best practices of evaluating and acquiring AI tools, and the future of AI tools for project management

- E-1. Discuss how a project manager can take advantage of the lower cost of machine learning tools
- E-2. Describe the strategy for implementing AI tools
- E-3. Explain a step-by-step approach for how to improve project processes with AI tools
- E-4. Describe how the project manager and the project team should prepare for future AI technology
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