

## SYLLABUS

**Nazwa przedmiotu: THEORY AND PRACTICE OF MANAGERIAL DECISION-MAKING**

**Nazwa w języku polskim: TEORIA I PRAKTYKA PODEJMOWANIA DECYZJI KIEROWNICZYCH**

**Nazwa w języku angielskim: THEORY AND PRACTICE OF MANAGERIAL DECISION-MAKING**

### Information on course:

<b>Course offered by department:</b>	Faculty of Organisation and Management
<b>Course for department:</b>	Silesian University of Technology
<b>Study level and form:</b>	Bachelor's degree, Full-time
<b>Term:</b>	summer semester 2023/2024
<b>Coordinator of course edition:</b>	dr Ida Skubis

### Default type of course examination report:

Credit

### Language:

English

### Course homepage:

<https://platforma.polsl.pl/roz/>

### ECTS

2

### Short description:

In modern organisations, the decision-making process constantly accompanies the management process. It can be said, with some simplification, that management is a constant process of decision-making. Decision-making determines the quality of management. The aim of the course is to provide knowledge of approaches, methods and tools used in decision theory. The specialist knowledge imparted in the course, as well as the skills and competences acquired, enable the student to participate professionally in decision-making processes implemented in an enterprise.

### Description:

1. basic concepts of decision theory, essence of decision making, typology of decisions,
2. normative analysis of decision making: structure of a decision problem, elements of a decision model, structure of the decision making process - models of the decision making process
3. definition and analysis of the decision problem: data and information gathering techniques, information interpretation techniques.
4. development of courses of action: methods for finding solutions to decision problems
5. evaluation of courses of action - methods for assessing the feasibility and desirability of implementing a course of action, risk analysis of implementing a course of action
6. Selection of courses of action - models for selecting a course of action: by calculation, by judgement, by negotiation, by creative inspiration.
7. Descriptive analysis of the decision-making process.

### Bibliography:

#### Literature:

1. Wodarski, K. (2021). Management and decision making methods. Theoretical and practical aspects. Lublin: Wydawnictwo Naukowe TYGIEL sp. z o.o. Retried from: <https://bc.wydawnictwo-tygiel.pl/publikacja/A39C6DF3-30F5-87EA-E362-4E0671D4A5D3>.
2. J. Supernat: „Techniki decyzyjne i organizatorskie”. Wrocław 2000.
3. K. Bolesta - Kukuła: „Decyzje menedżerskie”. PWE, Warszawa 2003.

#### Additional literature:

4. J. Penc: „Decyzje w zarządzaniu”. Wydawnictwo Profesjonalnej Szkoły Biznesu, Kraków 1997.
5. K. Obłój: „Mikroszkółka zarządzania”. PWE, Warszawa 1997.
6. W. Sadowski: „Decyzje i prognozy”. PWE, Warszawa 1977. J. Antoszkiewicz: Metody heurystyczne. Twórcze rozwiązywanie problemów, PWE, wyd. II, Warszawa 1990.
7. Cz. Nosal: „Umysł menedżera”. Wrocław 1993.
8. A. Rosati: „Podjęmowanie decyzji w organizacjach gospodarczych”. Warszawa 1977.

### Learning outcomes:

Describes the role and basic skills of a manager in the process of management decision-making in a company. Is able to name the factors influencing the decision-making process - K1A\_W20

Explains what a rational decision-making process is. Can describe the basic elements and stages of the decision-making process.

Characterises methods of analysing a decision problem, methods of finding solutions to a decision problem and methods of evaluating and selecting solutions. Recognises group methods of problem solving. - K1A\_W20

<p>Interprets data and information for the analysis and determination of a decision-making problem - K1A_U08</p> <p>Uses methods of searching for solutions to a decision-making problem, methods of selecting methods of evaluating options for solving the problem and methods of selecting the optimum option for solving the decision-making problem - K1A_U08</p> <p>Understands the essence and regularities of organisational behaviours, their conditions and influence on the attitude of a decision maker, management style and functioning of the whole organisation - K1A_U16</p> <p>Selects and uses modern decision-making techniques and IT tools in the decision-making process; independently plans and implements own learning - K1A_U19</p> <p>Is ready to perform professional roles responsibly, including observing the principles of professional ethics and demanding the same from others and caring for the achievements and traditions of the profession - K1A_K05</p>
<b>Assessment methods and assessment criteria:</b>
<p>Work during classes - 50% (case study, individual and team assignments, group discussion, additional points for activity);</p> <p>Final test (written test) - 50%.</p>
<b>Practical placement:</b>
The subject is not directly related to professional practice.