

**WELCOME
(ABOARD)**

Business Decision Making

foi



**FACULTY OF
ORGANIZATION
AND INFORMATICS**

BUSINESS DECISION MAKING

Course teachers

Prof. Nina Begičević Redep

Prof. emer. Tihomir Hunjak

Ass. Prof. Nikola Kadoić

Barbara Šlibar

Tena Jagačić

What is Business Decision Making course **about**?

1. How to make decision on concrete problem?
2. Dealing with the **context** of the problem and **decision-maker**.



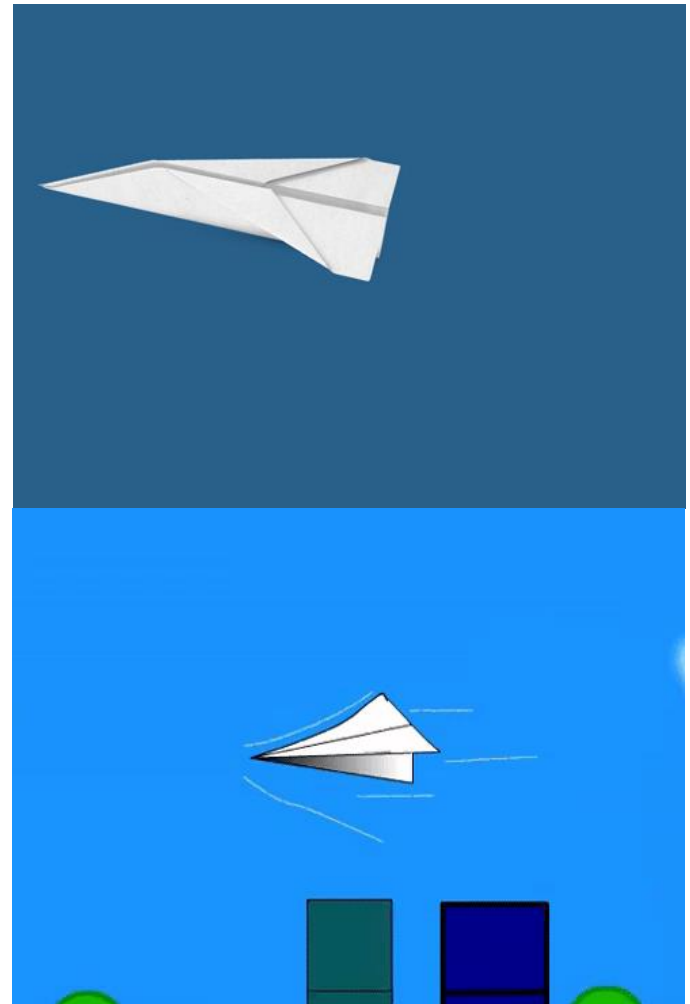
Some **topics** covered in the course

- **Decision making styles**
 - Autocratic vs democratic
 - Intuitive vs rational
 - Delaying vs on-time
 - ...
- **Determining dominant decision-making style of students (survey)**
- **Analysis of advantages and disadvantages of each style**



Some **topics** covered in the course

- **Critical thinking**
 - Forming the statements in the line with the **intellectual standards**
 - Elements of thinking
- **Case study:**
 - Statements for building a **plane** that flies as far as possible



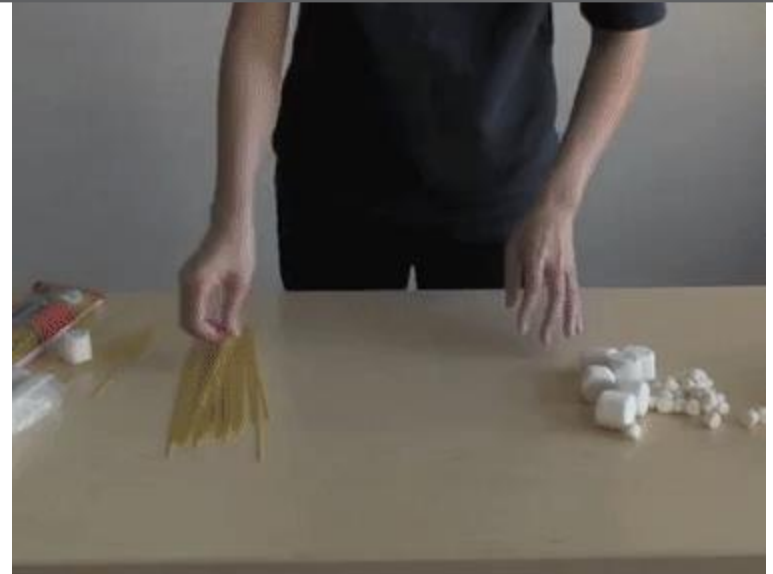
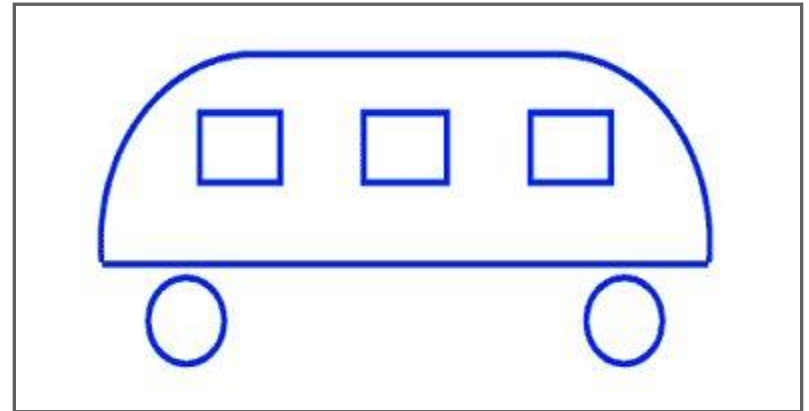
Some **topics** covered in the course

- **Creativity in decision making**

- Finding new (better, more effective) solutions
- Discoveries in dreams (Paul McCartney: Yesterday...)
- Phases in creativity: preparation, concentration, incubation, illumination, verification
- Brain teasers

- **Case study:**

- **The Marshmallow challenge**
(combines creativity, team work, intelligence, speed...)



Some **topics** covered in the course

- **Multicriteria analysis**
 - Criteria, types and subtypes
 - Decision making table
 - Voting methods
 - MCDM methods
- **Case study:**
 - Sheldon Cooper: **PS4 or Xbox**
 - ...



Some **topics** covered in the course

- **Uncertainty and risks**

- Events
- Probability
- Matrix of payment
- Methods

- **Case study:**

- DR. House
- ...



... and many other topics

- Phases in DM
- Organizational structure
- Conflict resolution
- Negotiation
- Group decision making
- Ethical aspects of DM
- ...



Organization of teaching hours in semester

- Start: week March 13th
- Structure of each week:
 - Theoretical background of the topic
 - Assignment for points

Elements	Points (max.)
Decision-making style assignment	5
Decision-making process assignment	5
Organizational structure assignment	5
Creativity assignment and Critical thinking	10
SAM/PC assignment	10
Decision-making under uncertainty and risk	10
AHP assignment	15
Other assignments (unannounced)	20
Test	20
TOTAL	100

Organization of teaching hours in semester

Date	W	Time	Topic	Delivery
14.03.	2	08.00-10.00	Introduction to BDM	Room 11, FOI1
21.03.	3	12.00-14.00	Decision-making process	Online asynchronous
28.03.	4	12.00-14.00	Decision-making styles	Room 11, FOI1
04.04.	5	08.00-10.00	Creativity in decision making	Room 11, FOI1
11.04.	6	12.00-14.00	Critical thinking	Room 11, FOI1
18.04.	7	12.00-14.00	Critical thinking 2	Online asynchronous
25.04.	8	12.00-14.00	Organizational structure	Room 11, FOI1
02.05.	9	12.00-14.00	DM under uncertainty and risks	Room 11, FOI1
09.05.	10	12.00-14.00	Introduction to multi-criteria DM	Room 11, FOI1
16.05.	11	12.00-14.00	Multi-criteria DM	Online asynchronous
23.05.	12	12.00-14.00	Analytic hierarchy process (AHP)	Room 11, FOI1
30.05.	13	12.00-14.00	AHP 2	Online asynchronous
06.06.	14	12.00-14.00	Test and presentations of AHP	Room 11, FOI1

In case of further questions

Write mail: nkadoic@foi.unizg.hr

Floor 2, Room 75,
Literature: LMS Moodle