



# PROBLEM BASED LEARNING

New, students-oriented, teaching method

# What is problem based learning?

## **p**roblem **b**ased **l**earning

*The Motivation to  
Learn Begins with  
a Problem*

- In a problem-based learning (PBL) model, students engage complex, challenging problems and collaboratively work toward their resolution. PBL is about students connecting disciplinary knowledge to real-world problems—the motivation to solve a problem becomes the motivation to learn.
- Teams identify what they already know, what they need to know, and how and where to access new information that may lead to resolution of the problem.

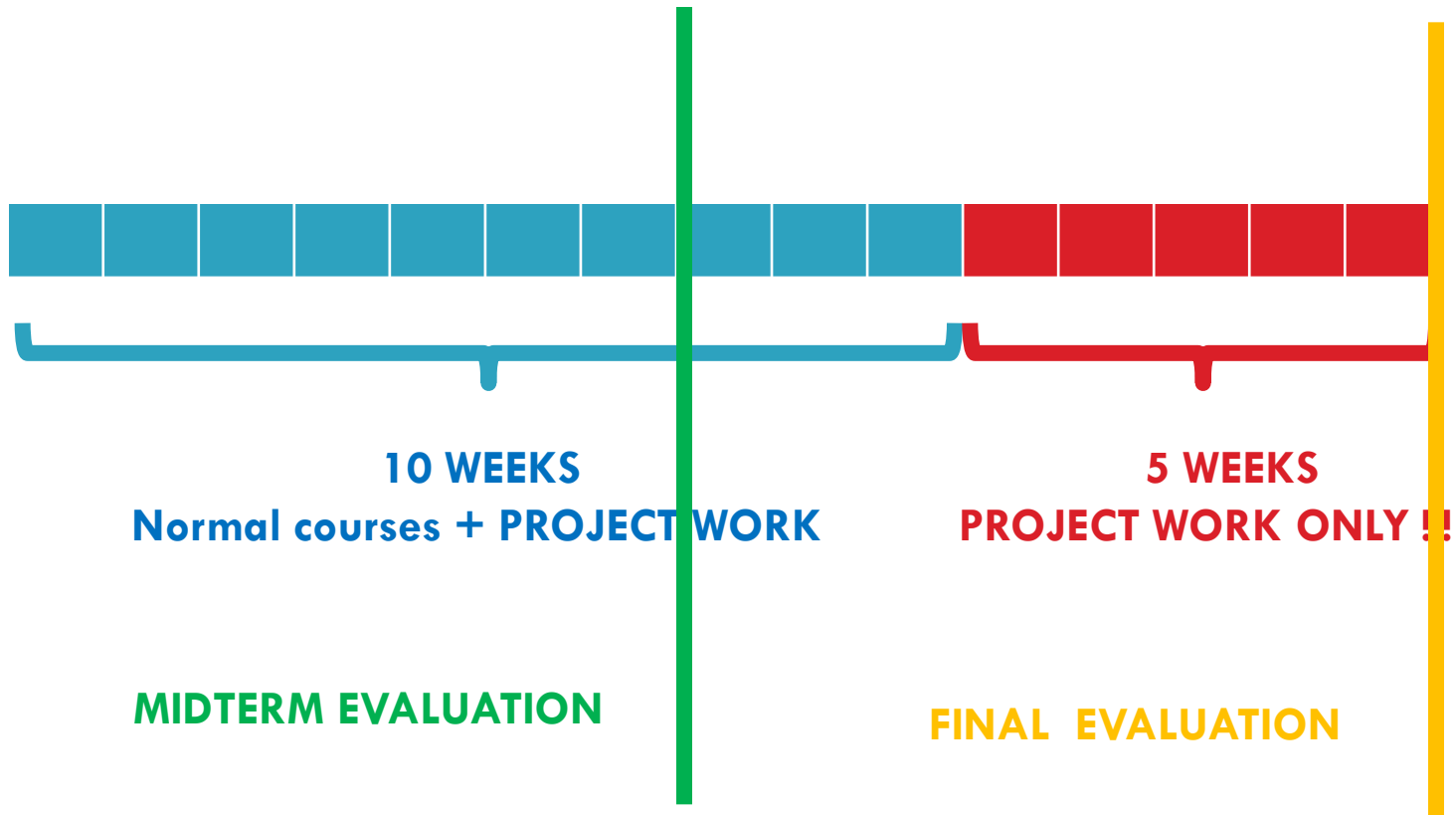
# Developed skills required by companies (work placement or employers)

1. Ability to work in teams
2. Capacity to analyze and synthesize
3. Capacity to adopt to new situation
4. Ability to work individually
5. Ability to problem solving
6. Communication

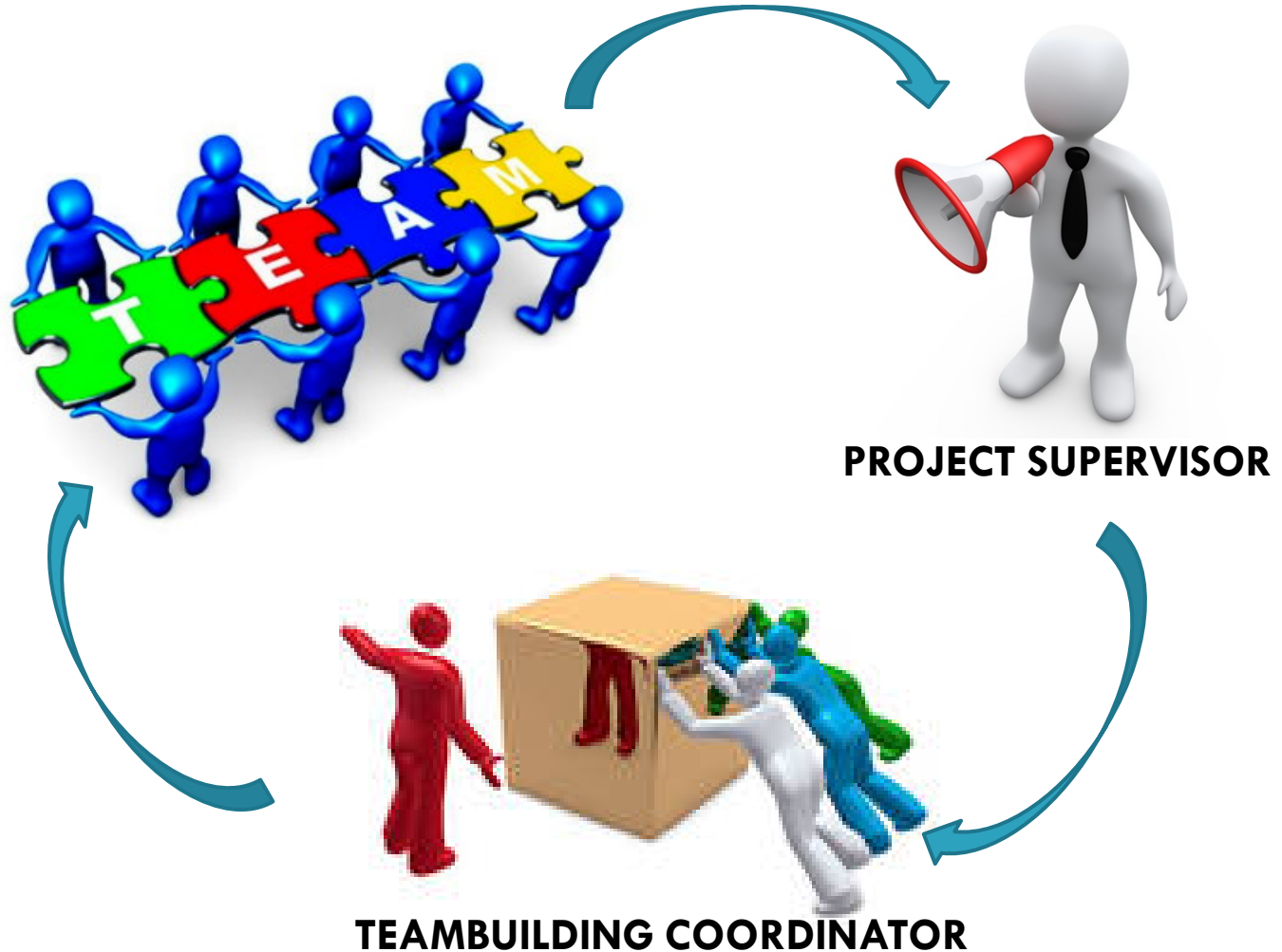
# Why have we decided to implement PBL?

- The need to change the students' participation in the learning process from a passive (teacher oriented) to the active one.
- The need to prepare students for professional functions in the continuously changing environment with access to an increasing number of information sources.

# PBL organization



# PBL organization- main roles



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**COORDINATOR**

**TEAMBUILDING COORDINATOR**

# PBL organization

- ❑ Students work in teams of 4 or 5
- ❑ Team has a tutor or supervisor
- ❑ Meetings once a week
- ❑ Every meeting has a leader



# Meetings

- Every meeting, another team member takes the leadership role
- Leader is responsible for meeting's organization, discussion, time controlling, summarising a discussion and minutes preparation.

