

1. Course title

Implementation of interdisciplinary Project Based Learning (PBL) projects

2. Places

Limited number of places: 35 places

3. Starting date

25th of January 2022

4. Ending date

3rd of March 2022

5. Targeted audience

Academic staff

6. Work schedule

Four lecture sessions on Tuesdays and Thursdays from 15:30 to 17:00 CET.

- Lecture 1: 25th January 2022
- Lecture 2: 27th January 2022
- Lecture 3: 1st February 2022
- Lecture 4: 3rd February 2022

Four workshops on Thursdays from 15:30 to 17:45 CET.

- Workshop 1: 10th February 2022
- Workshop 2: 17th February 2022
- Workshop 3: 24th February 2022
- Workshop 4: 3rd March 2022

7. Duration

40 hours (22 hours of student homework and 18 hours of lectures and workshops)

8. Credit recognition

1.5 ECTS

9. Format

Online format via Zoom and EURECA-PRO Moodle platforms

10. Objectives

To provide the basic theoretical and practical knowledge and skills that allow to effectively implement interdisciplinary PBL programmes in the academic curricula, with the aim of

stimulating educational process by solving real problems or situations and thus, connecting the learning process with its application in the real world.

11. Competences

- Understanding the basic aspects of PBL methodology and how to effectively implement it the academic curricula
- Being capable of implementing small PBL programs within a small group of students
- Understanding and getting to know different activities that can be implemented into PBL
- Gaining confidence regarding the implementation of PBL methodologies
- Learning how to engage students and motivate them to establish effectiveness collaboration and develop problem-solving skills as well as their self-esteem
- Learning basic strategies to guide students on PBL projects
- Creating and assessing detailed PBL projects in coordination with different academic disciplines

12. Programme

- **Lecture 1:** Introduction to Project Based Learning (PBL), the general principles of PBL projects implementation
- **Lecture 2:** Implementation of PBL projects in accordance with the project management methodology - part one
- **Lecture 3:** Implementation of PBL projects in accordance with the project management methodology - part two
- **Lecture 4:** Organization of the competition for the implementation of PBL projects, discussion of the application form for the PBL project, examples of completed application forms
- **Workshop 1:** Development of an PBL application form, discussion of the submitted application forms for the implementation of PBL projects
- **Workshop 2:** PBL project implementation session
- **Workshop 3:** PBL project summary session
- **Workshop 4:** Course summary session

13. Evaluation criteria

Attendance of all the workshop sessions will be required.

Practical assessment: participants will be required to submit a final report and a presentation on a PBL project implementation

14. Teachers

Dr. Marzena Podgórska (Assistant Professor, Silesian University of Technology, Poland)

Dr. Dariusz Buchczik (Assistant Professor, Silesian University of Technology, Poland)