

# 1. Case Study: Project Elaboration

Code.....

Course item:

## 1. INFORMATION ABOUT THE COURSE

### A. Basic information

Name of course	<b>Case Study: Project Elaboration</b>
Study level	<i>Second stage</i>
Unit running the study programme	<i>Faculty of Management</i>
Study programme	<i>ERASMUS</i>
Speciality	<i>General Management</i>
Name of teacher (s) and his academic degree	<i>Dr rer. oec. et Dr-Eng. Bogdan Lent, adjoint Professor UST bogdan.lent@utp.edu.pl</i>
Introductory courses	<i>Cybernetic Approach in Project Management Culture and Behaviour Human Factor Processes in Project Management</i>
Prerequisites	<i>Capability of reflective thinking.</i>

### B. Semester schedule of classes (block wise)

Semester	Lectures	Classes	Laboratories	Project	Seminars	Field exercises	ECTS
summer					30		5

### C. Course Outline

*Project approach taught at the University of Science and Technology differs from common approach by putting forward the concepts of cybernetics, processes and in particular human factor processes and by self-management process as a specialty.*

*The course Case Study: Project Elaboration targets the practical verification of the acquired knowledge in the predecessor courses in the module Multicultural Project Management.*

*Course comprises: Selection of the endeavor meeting the characteristics of a project, project planning and scheduling, roles, project execution, project controlling, and human factor process management, delivery of the project results, reflections and feedback.*

*The approach base on four workshops, team project realization and evaluation workshop.*

### D. Course Aims

*The course aims in practical verification of the acquired knowledge and stimulation of the self-reflection. Trained are systematic action in projects, execution of the project management processes and their evaluation.*

*Course offers foundations for further research and individual development. Course successful knowledge assimilation is evaluated through active workshop participation, project performance, project results, self-reflection and final presentation.*

## 2. EFFECTS OF EDUCATION (acc. to National Qualifications Framework)

Knowledge	<i>Systemic action in projects, execution of the project management processes and their evaluation. Verification of the acquired knowledge and stimulation of the self-reflection. Awareness of the foundations for further research and individual development</i>
Skills	The aims of the course are as follows: <b>A1:</b> <i>To let students in a controlled way conceive, plan and execute certain project.</i> <b>A2:</b> <i>To train students in executing the project management processes.</i> <b>A3:</b> <i>To train students in cybernetic project management approach with feedback loops.</i> <b>A4:</b> <i>To develop the capability of individual assessment of a project situation and right action.</i> <b>A5:</b> <i>To train the critical thinking and decision making.</i> <b>A6:</b> <i>To encourage the personal self-reflection and meta-cognition</i>
Competences	Upon the completion of the course, the student is able to: <b>LO1:</b> <i>Evaluate the Endeavor and to conceive the project.</i> <b>LO2:</b> <i>Deploy successfully in practice the cybernetic approach in project management.</i> <b>LO3:</b> <i>Plan, execute and control all the project management processes and the project course.</i> <b>LO4:</b> <i>Choose and apply the suitable project management methods and techniques.</i> <b>LO5:</b> <i>Critically evaluate the project and choose the appropriate corrections if necessary</i> <b>LO6:</b> <i>Elaborate personal attitude towards project management and further research issues.</i> <b>LO7:</b> <i>Think critically in self-assessment and develop the meta-cognition capability</i>

### 3. TEACHING METHODS

*Multimedia lectures and exercises. Students own elaboration of analysis and conclusions. Reflection and analysis of own experiences.*

### 4. ASSESSMENT TOOLS

FORMATIVE	TESTING
<b>F1.</b> <i>Student feedback during the workshops</i>	<b>P1.</b> <i>Workshop performance</i>
<b>F2.</b> <i>Students project and processes' planning</i>	<b>P2.</b> <i>Project results</i>
<b>F3.</b> <i>Students self-assessment</i>	<b>P3.</b> <i>Project results presentation &amp; meta-cognition</i>
CREDITS	
Evaluation in Bloom's Taxonomy K1–K5 in notes	<i>2.0-5.0</i>
Course passing criterion	<i>min. 3.0</i>

### 5. CONTENT AND PROGRAMME

No.	Topics	Description of the contents	Form	Number of hours
1.	Endeavour selection, Project formulation and Planning, Governance	<i>Goal and Aims of this subject; When Endeavour is a project? Project and Product Structuring. Project organisation and planning. Change Management process. Governance</i>	W	4
2.	Evaluation of the project progress	<i>Application of the Earned Value Analysis, Quality, Problem and Risk Management in Project; Change management results</i>	W	4
3.	Project Reporting, Human Factor in Project	<i>Project Report content; Estimation of the HRM-Process results; Feedback on Communication and Conflict Management</i>	W	4
4.	Project Reporting, Leadership and Self-Management	<i>Project Reporting; Challenges in project, evaluation of leadership, self-management issues</i>	W	4
5.	Project Execution	<i>Doing a project, finalizing the products</i>	W	8
6.	Project results, students' questions and feedback	<i>Presentation of the project results, Presentation of the processes evaluation, open issues, students' questions and feedback</i>	W	6
7.	Action learning results, students' questions and feedback	<i>Presentation of teams results, evaluation of the assessments and conclusions, open issues, students' questions and feedback.</i>	W	4

## 6. READINGS

Basic readings	<ul style="list-style-type: none"> <li>• Lent B., <i>Cybernetic Approach to Project Management</i>, Springer: Berlin, New York, 2013.</li> <li>• Lent B., <i>Leader, Manager, Expert. The Project Management System</i>, AON: Warszawa, 2011.</li> <li>• ISO., <i>ISO 21500:2012, Guidance on Project Management</i>, ISO: Geneva, 2012.</li> </ul>
Selected recommended readings	<ul style="list-style-type: none"> <li>• Philips J., <i>IT Project Management: On Track from the Start to Finish</i>, 3rd Edn, McGraw-Hill: New York, 2010</li> <li>• Kaplan S., Norton DP, <i>The Balanced Scorecard – measures to Drive Performance</i>, Harvard Business Review 70 (1): Boston, 1992</li> </ul>